



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

(219) 763-0696 Fax (219) 762-1657
E-mail: littlecal@nirpc.org

WILLIAM BILLER, Chairman
Governor's Appointment

ROBERT MARSZALEK, Vice Chairman
Governor's Appointment

R. KENT GURLEY, Treasurer
Lake County Commissioners'
Appointment

MARK GORDISH, Secretary
Mayor of Hammond's
Appointment

ARLENE COLVIN
Mayor of Gary's
Appointment

STEVE DAVIS
Dept. of Natural Resources'
Appointment

ROBERT HUFFMAN
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

VACANCY
Porter County Commissioners'
Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

MEETING NOTICE

THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION
AT 6:00 P.M. WEDNESDAY, JUNE 4, 2008
AT THE COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, IN

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

AGENDA

1. Call to order by Chairman Bill Biller
2. Pledge of Allegiance
3. Recognition of Visitors and Guests
4. Approval of Minutes of May 7, 2008
5. Chairman's Report

6. Action Required:

Finance:

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

Land Acq:

- Approval of 1 increased offer

Dave Burrus

1-6

7-8
9
10

Not done
again dot top
Burrus
Eric Porter
2 women from cover + email
Travis
Cy Hamilton
6/12
Karen Harvey
+ same man.

June 10 -
W.P. Clubhouse

7. Executive Director's Report

- Request for status meeting re: Stage V-2 construction by residents
- Update on NSRR option to Stage V-2 contract
- Corps communication regarding Stage V-2 and Stage VIII expedited work needed: (1) utility daylighting contract and (2) Dyer Construction authorization to perform catch basin removal in Stage V-2
- Status of Stage VIII contract advertisement

12-11
12

8. Standing Committees

A. Finance Committee – Report by Treasurer Kent Gurley

- Financial status report for end of April 2008
- Audit by State Board of Accounts for years 2006 and 2007 - Report not yet received

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

Land Acquisition

- Appraisals, offers, acquisitions
- Pump Station 2A ROE given to Corps; Pump Station 2B contract pending
- Status of acquisition for Stages V-2, VII and VIII

13

Land Management

- Status of ± 26 acres agreement with LEL – Attorney Casale

C. Project Engineering Committee – Committee Chair Bob Huffman

- Stage VII 50% review meeting with Corps & utilities held May 19 ✓
- Status of Stage V-2 pipeline corridor
- Status of Griffith levee certification
- Forest Avenue levee status
- Burr Street-Gary project completion concern

D. Operation & Maintenance – Committee Chair Bob Huffman

- Status of inspections
- Status on sluice gate/flap gate repairs
- Status summary of O&M turnover

E. O&M Funding Committee – Committee Chair Kent Gurley

- Update regarding Corps schedule for use in O&M planning

F. Legislative Committee – Committee Chair

G. Environmental Committee – Committee Chair

- Little Calumet River Watershed Management Plan – Summary recommendations

14-19

H. Recreational Development Committee – Committee Chair Bob Huffman

I. Policy Committee – Committee Chair Bob Marszalek

9. Other Issues / New Business

10. Statements to the Board from the Floor

11. Set date for next meeting; adjournment

MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT
COMMISSION HELD AT 6:00 P.M. WEDNESDAY, MAY 7, 2008
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

Chairman William Biller called the meeting to order at 6:05 p.m. Six (6) Commissioners were present. Pledge of Allegiance was recited. Guests were recognized.

Development Commissioners:

Mark Gordish
Robert Huffman
Steve Davis
William Biller
Robert Marszalek
Kent Gurley

Staff:

Dan Gardner
Sandy Mordus
Lou Casale
Judy Vamos
Lorraine Kray

Visitors:

Bill Petrites -- Highland resident
Elizabeth Johnson -- Congressman's Office
Karen Lorenz -- Southmoor Road, Hammond
Imad Samara -- Corps of Engineers
Ruth Mores -- Southmoor Road citizen group
Susan Brown -- The Times
Mike Zarantarello -- Southmoor Road
Barbara Whitaker -- Munster resident
Carolyn Marsh -- Sand Ridge Audubon
Lynne Whelan - USACOE
Vanessa Villarrel - USACOE
Tracey Powell -- IDNR, Div. of Water
Rob Wolf -- J. F. New

The minutes of the meeting held on April 9, 2008 were approved by a motion from Bob Huffman; motion seconded by Steve Davis; motion passed unanimously.

Chairman's Report -- Chairman Biller referred to several meetings with the city of Hammond that Mr. Gardner will talk about in his report.

Action Required -- Treasurer Kent Gurley presented items for action. He proceeded to make a motion to re-approve the corrected March monthly claims of \$203,850.18; the motion was seconded by Bob Marszalek; motion passed unanimously.

- Mr. Gurley proceeded to approve the April claims in the amount of \$133,920.06; motion seconded by Bob Huffman; motion passed unanimously.

- Mr. Gurley then made a motion to approve the O&M claims in the amount of \$8,478.07; motion seconded by Steve Davis; motion passed unanimously.

- Committee Chairman Bob Marszalek referred to Judy Vamos for a report on the proposed condemnation action needed to implement Stage VIII. She informed the Board that we need easements from 4 trusts. We have no personal contact with any of the landowners; we work through the bank. Closing on properties that are held in a trust usually take a longer period of time. We also have one property that we are unable to find the owners. In addition to these 5 properties, there are 35 remaining properties that require condemnation action because of the time schedule for available lands to the Corps. We are hoping that most of the properties will be willing buyer-willing seller but, at this point, she is seeking approval for condemnation, only if necessary. Bob Marszalek proceeded to make a motion authorizing the attorney to file condemnations, where necessary, on 40 properties which are DC1351, 1352, 1364, 1364-A, 1316, 1303, 1304, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1328, 1329, 1330, 1331, 1332, 1334, 1335, 1340, 1342, 1344, 1360, 1361, 1362, 1363,

1368, 1370, 1371, 1372, 1378, 1380, 1382, 1387, 1388, 1389, 1391, and 1397; motion seconded by Kent Gurley; motion passed unanimously. Mr. Gardner added that, in total, there are 92 easement acquisitions in Stage VIII. The Army Corps must let the contract this summer in order to have the segment completed by the fall of 2009 to keep on schedule. Judy is working with landowners in acquiring the easements but because of the compressed time schedule, approval to condemn is necessary if an agreement cannot be reached with the landowner.

Executive Director's Report – Mr. Gardner stated that another coordination meeting was held with the city of Hammond, IDNR, Congressman's Office, Corps of Engineers, and FEMA on April 29. Discussion ensued on the project moving forward as well as FEMA approval so that the area will be able to come out of the flood plain as soon as possible to the time the construction is completed. The entire process is fairly complicated so all parties must work together. Commissioner Mark Gordish added that the city has procured a consultant to help them move forward as quickly as possible. FEMA officials need to be involved early on and continue working toward certification of the levee. The paperwork can be underway while construction is ongoing. We understand that there is at least a three month review process. Imad Samara added that they are working on all the completed sections to be able to come out of the flood plain – not just the Cabela segment. Commissioner Kent Gurley asked if Hammond will accept the O&M then. Mr. Gardner stated that an O&M agreement has to be in place with all communities in order for them to come out of the flood plain. With Hammond taking the lead with FEMA, Mr. Gurley sees it as an opportunity for the other communities to follow their lead with O&M. Mr. Gardner thanked the Congressman's Office for scheduling the meeting. The next meeting is scheduled for May 14.

- Mr. Gardner referred to the Times news article stating that the Earth Tech report on the August flooding causing the closure of the Borman in Highland has been completed and can be viewed on line. The key recommendation is to complete the levee construction west of Kennedy Avenue and north of the river as soon as possible, to help alleviate any future flooding problems.

- Mr. Gardner referred to a letter from the Natural Resources Conservation Service (NRCS) regarding the 200 acre wetlands reserve program application. This would be made available to them for acreage that would be used for wetland restoration. They asked for clarification from us to ensure that the acreage does not have any mitigation obligation to the Corps before they proceed any further. Mr. Gardner has talked to Greg Moore of the Corps office regarding this and he was encouraging. A discussion needs to be set up with Marty Maupin from IDEM for clarification.

Finance Committee – Committee Chairman Kent Gurley reported that finance action was already taken. He referred to the financial statements for February and March in the agenda packet.

- Mr. Gurley also stated that the State Board of Accounts is still auditing the financial records for 2006 and 2007. They should be finished shortly; a report will be given at the next meeting.

LCRBDC Minutes

May 7, 2008

Page 3

- Mr. Gurley asked about RDA draws. Mr. Gardner stated that we have drawn the first draw of \$1,315,000 for the 7% local project cost share that has been placed in an escrow account for the Corps' use. We will be making another request for an estimated amount of \$1.7 million to be placed in escrow for utility costs. We need the \$1.7 million based upon Corps design impacts and approved utility estimates for protecting/relocating the utilities. The \$1.25 million previously identified to be funded as part of the IEDC commitment to use for utilities is no longer available to us. (The latest release of the \$2 million appropriated in the 2007-09 biennium was viewed as all that could be funded.)

- In regard to the State Board of Accounts auditing the Commission for 2006 & 2007, it has been completed but we will not receive a report for several weeks.

Land Acquisition/Land Management Committee – Committee Chairman Bob Marszalek referred to Judy Vamos for a report. She reported that acquisition is ongoing for Stage VII and Stage VIII and construction is ongoing for Stage V-2.

- For Stage V-2, there are still two remaining real estate acquisitions that have not been resolved. She referred to attorney Casale who stated that there have been ongoing conference calls with the NSRR to try to reach an agreement. Mr. Casale agrees to their proposed language but the Army Corps does not. If an agreement does not get signed soon, it will have to go through the condemnation process. The NIPSCO easement is in the process of being signed. We are hoping to receive it soon. Imad Samara stated that the Corps needs the right-of-entry by September 30.

- Regarding Stage VII (Northcote to Columbia, both sides of the river), Mrs. Vamos reported that of the 34 needed easements, 27 landowners have accepted; there are 3 condemnations; 2 utilities that are reviewing engineering; 1 landowner awaiting Corps new mapping; and 1 landowner that has 11 heirs and is taking time to secure all 11 signatures.

- Mrs. Vamos reported that Stage VIII is our priority. Out of 92 total needed easements, 30 are municipalities and expect to be donated; 22 are closed; 8 are willing sellers; 13 are reluctant sellers, and 18 are in negotiations. Staff is working hard to acquire by Corps deadline. Commissioner Steve Davis asked if the appraisers are looking at the value of trees on properties. Judy replied that if a tree is within the work limits, the landowner will be compensated.

- Regarding land management issues, Attorney Casale stated that a meeting was held with LEL to discuss their proposal for the ± 26 acres east of Clay Street in Lake Station. LEL is proposing the following: They would enter into an agreement with the Commission to develop, operate, and market a mitigation wetland bank for the ±26 acres; option fee would be \$10,000 paid full upon execution of agreement; option would be to January 2009 and would allow time to apply for permits to develop the wetland bank on behalf of the Commission. Upon execution of option, they would pay an additional \$95,000 to the Commission. Upon sale of mitigation credits, they would pay the Commission 10% of proceeds in sales plus \$750 per sold acre which would be held in escrow for maintenance of their project. Rob Wolfe from J. F. New informed the Board members that LEL currently has the property north and east of the 26 acres which has been restored to wetlands and credits are sold. LEL would assume all liability for the project and secure all permits. Considering the payment of monies we would receive, and considering that this is surplus

property to the project and is outside the project area, it appears to be a viable project for the Commission. Bob Marszalek made a motion for the attorney to proceed with developing the contractual documents with LEL; motion seconded by Bob Huffman; motion passed unanimously. Mr. Marszalek thanked Mr. Wolfe for coming to the meeting.

Project Engineering Committee – Committee Chairman Bob Huffman gave the committee report. Mr. Huffman reported that Stage VII 50% review has been distributed.

- He also reported that the pre-bid meeting was held on the Pump Station 2A contract (for Tapper and Forest Ave. pump stations). Bid opening would be May 27 and the award would be in June.

- Staff is still pursuing securing all the necessary V-2 pipeline corridor utility agreements.

- Imad Samara stated that he has given us a draft report of the Griffith levee certification. It appears there should be no drastic measures that need to be addressed. Commissioner Davis asked if the report identifies deficiencies. Imad Samara replied that the report gives examples of deficiencies. Staff will review the draft report and then the Corps will issue a final report. We will then have to hire an engineering consultant to identify the corrections that have to be made for certification approval.

- Regarding the Forest Avenue levee in Hammond, we contacted all property owners. We do have as-built drawings of what was constructed. Corps will do a field inspection when surveys are complete. We do need to establish a public easement and then identify what corrective measures need to be done. We should know more after Corps inspections. Mr. Gardner added that the current levee seems to be well built and up to Corps standards according to the as-builts.

Operation & Maintenance Committee – Committee Chairman Bob Huffman stated that inspections should be scheduled shortly.

- Austgen Electric has almost completed all corrective measures to the sluice/flap gates.

- Staff has re-requested comments on the O&M manual review from municipalities. No comments to date have been received.

- Relative to the O&M turnover in the city of Gary, Mr. Gardner is attempting to have another meeting scheduled with the city. He will call Commissioner Colvin and seek her assistance in scheduling that meeting with the Mayor and their attorney.

- Discussion ensued on how communities would address the O&M funding within their respective cities. Mr. Gurley asked whether we have pursued anything with Umbaugh. Mr. Biller replied that we first need to have another meeting with the city of Gary. Mr. Gurley urged that a meeting be scheduled before the next Commission meeting.

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 news articles in the agenda packet.

Statements from the Floor – Ruth Mores of Southmoor Avenue in Hammond stated that she has not received a written response to her letter of February 28, although Mr. Gardner did

acknowledge it. She has submitted another letter. Although she specifically is opposed to the project, she has specific issues she wants addressed. A neighborhood meeting will be set to discuss one of the major concerns regarding the drainage issue in their area once the levee/flood wall is in place. She is also requesting to keep neighborhood access to the river, which they now have. The residents are also working with an arborist to set a value to the old growth trees on the levee line; she feels they were not addressed in her offer. The residents are also worried about damage that a contractor would cause in their backyards given it is such a tight area with little room to work. Mr. Gardner responded to her by saying that a written response to her previous letter is coming. He cannot address all the issues raised in the letter; the Corps must address some of it. A schematic design of how drainage will flow and how it is going to adequately work will be given to the residents. Also, we have directed our surveyor to re-stake the center line of protection in the affected backyards based on approved requests of the residents. The surveyor will be contacting the residents before he enters their property.

- Mike Zarantarello, a Southmoor Avenue resident, questioned the re-mapping of the flood zone area. Mr. Gardner stated that FEMA is redoing all of Lake County. The Little Calumet River area was removed from the general contract because of the project construction. Remapping of that area will be applied for after construction is complete and not be dependent upon the rest of Lake County. Mr. Zarantarello questioned whether the Cabela's area would be taken out of the floodplain before line of protection is complete. Mr. Gardner replied that we are working on getting everyone out of the floodplain by end of 2009. Imad Samara stated that anyone can file a petition to FEMA to get out of the floodplain. Cabela's is a private entity and pursuing the removal on their own. Mr. Gurley reiterated that we are favoring Cabela's to get that area out of the floodplain first. Mr. Zarantarello asked who would be responsible if basements flood; Mr. Gardner replied that the Corps drainage design will prevent that from happening.

- Karen Lorenz, a Southmoor Avenue resident, inquired whether we have done a study regarding the rain water; she is worried about standing rain water in her backyard after completion of the floodwall because the water will not be able to get to the river. Mr. Gardner stated that the Corps design of the federal project is calculated to handle all the surface water, and will allow it to flow to the river. Imad Samara asked us to get all the residents questions to him and he will have the appropriate Corps officials address all questions in writing. Mrs. Lorenz has contacted FEMA and was told this is not a FEMA project; it is a Federal-State project.

- Barbara Whitaker, a Stage V-2 resident, stated that she is still waiting for a response to her letter. She acknowledged that Imad Samara met with her at her house. She stated that the residents in that area do not want a cyclone fence across from them; they want something that will provide more privacy. She also has a concern about the plantings and aesthetics in the area. She was told that when construction is complete, the aesthetics will be addressed. She also questioned why a phone line would be needed at a building that is going to be demolished (the small pump house on Hart Ditch).

- Carolyn Marsh representing Sand Ridge Audubon Society, questioned the Commission, as well as the Congressman's Office, why we did not feel an environmental report is important enough to have at each of our meetings. She also questioned how the RDA fits in with the Commission. Mr. Gardner replied that the RDA has provided gap funding at the request of

Govenor Daniels and Congressman Visclosky so that the project can be completed on schedule. She also expressed concern about potential development at the Griffith golf course on Cline Avenue that would disturb the Blue Heron Rookery; she also inquired where the 26 acres was located that LEL is interested in creating as a wetland mitigation area. She also asked to be invited if a meeting is scheduled with NRCS to discuss the 200 acres between Chase & Grant.

- Bill Petrites, a Highland resident, asked if INDOT's Indianapolis Blvd. project that includes the building of a new pump station was still on schedule for 2009. He was told by others that it had been pushed back to 2010. Staff will check with INDOT.

There being no further business, the meeting was adjourned. The next scheduled Board meeting is set for 6:00 p.m. on Wednesday, June 4, 2008.

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
MONTHLY BUDGET REPORT

	2008							UNALLOCATED
	BUDGET	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ALLOCATED BUDGETED
								TOTAL BALANCE
5801 PER DIEM EXPENSES	7,000.00	0.00	0.00	0.00	0.00	0.00		0.00 7,000.00
5811 LEGAL EXPENSES	3,500.00	283.33	283.33	283.33	283.33	283.33		1,416.65 2,083.35
5812 NIRPC SERVICES	149,000.00	13,001.37	0.00	14,085.52	14,033.34	15,022.21		56,142.44 92,857.56
5821 TRAVEL/MILEAGE	2,000.00	36.40	7.60	28.80	30.00	30.80		133.60 1,866.40
5822 PRINTING/ADVERTISING	1,000.00	985.04	0.00	0.00	0.00	0.00		985.04 14.96
5823 BONDS/INSURANCE	8,000.00	257.00	0.00	6,406.25	0.00	0.00		6,663.25 1,336.75
5824 TELEPHONE EXPENSES	6,500.00	793.07	561.95	530.28	478.15	622.82		2,986.27 3,513.73
5825 MEETING EXPENSES	3,000.00	0.00	0.00	0.00	0.00	59.20		59.20 2,940.80
5840 PROFESSIONAL SERVICES	842,539.00	84,750.52	67,775.93	114,554.88	90,076.24	195,530.57		552,688.14 289,850.86
5860 PROJECT LAND PURCHASE EXP.	842,539.00	15,545.00	21,510.00	25,369.00	29,019.00			91,443.00 751,096.00
5882 UTILITY RELOCATION EXP.	1,250,000.00	0.00	1,153.51	42,592.12	0.00			43,745.63 1,206,254.37
5883 PROJECT LAND CAP. IMPROV.	0.00	0.00	0.00	0.00	0.00			0.00 0.00
5884 STRUCTURES CAP. IMPROV.	0.00	0.00	0.00	0.00	0.00			0.00 0.00
5892 PROJECT COSTSHARE/ESC ACCT	1,226,025.00							0.00 1,226,025.00
	4,341,103.00	115,651.73	91,292.32	203,850.18	133,920.06	211,548.93	0.00	756,263.22 3,584,839.78

	2008							UNALLOCATED
	BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ALLOCATED BUDGETED
								TOTAL BALANCE
5801 PER DIEM EXPENSES	7,000.00							0.00 7,000.00
5811 LEGAL EXPENSES	3,500.00							1,416.65 2,083.35
5812 NIRPC SERVICES	149,000.00							56,142.44 92,857.56
5821 TRAVEL/MILEAGE	2,000.00							133.60 1,866.40
5822 PRINTING/ADVERTISING	1,000.00							985.04 14.96
5823 BONDS/INSURANCE	8,000.00							6,663.25 1,336.75
5824 TELEPHONE EXPENSES	6,500.00							2,986.27 3,513.73
5825 MEETING EXPENSES	3,000.00							59.20 2,940.80
5840 PROFESSIONAL SERVICES	842,539.00							552,688.14 289,850.86
5860 PROJECT LAND PURCHASE EXP.	842,539.00							91,443.00 751,096.00
5882 UTILITY RELOCATION EXP.	1,250,000.00							43,745.63 1,206,254.37
5883 PROJECT LAND CAP. IMPROV.								0.00 0.00
5884 STRUCTURES CAP. IMPROV.								0.00 0.00
5892 PROJECTCOSTSHARE/ESC ACCT	1,226,025.00							0.00 1,226,025.00
	4,341,103.00	0.00	0.00	0.00	0.00	0.00	0.00	756,263.22 3,584,839.78

CLAIMS PAYABLE FOR MAY 2008

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	CASALE ,WOODWARD & BULS LLP	283.33	MONTHLY RETAINER THROUGH MAY 27, 2008
5812	NIRPC	14,840.08	SERVICES PERFORMED MARCH 2008
5812	UPS	50.14	OVERNIGHT MAIL
5812	CHASE	131.99	LASER TONER DRUM FOR PRINTER
5821	SANDY MORDUS	30.80	MAY MILEAGE
5824	VERIZON	148.71	BILLING PERIOD 5/16/08-6/16/08(TOTAL BILL 274.20,KRBC 125.49)
5824	AT & T	474.11	BILLING PERIOD 4/14/08-5/13/08(TOTAL BILL 483.78,KRBC 9.67)
5825	JIMMY JOHNS	59.20	COST INCURRED AT ARMY CORP MEETING 5/14/08
5841	ALLSTATE APPRAISAL	750.00	APPRAISAL RE: DC-1344
5841	ALLSTATE APPRAISAL	350.00	APPRAISAL RE: DC-1307-2
5841	ALLSTATE APPRAISAL	350.00	APPRAISAL RE: DC-1306-2
5841	ALLSTATE APPRAISAL	750.00	APPRAISAL RE: DC-841
5841	ALLSTATE APPRAISAL	750.00	APPRAISAL RE: DC-840
5841	VALE APPRAISAL GROUP	2,400.00	APPRAISAL RE: DC-1300 & 1340
5841	JONATHAN LANDING	1,200.00	APPRAISAL RE: DC-1306 & 1307
5841	JONATHAN LANDING	2,400.00	APPRAISAL RE: DC-840 & 841
5841	THE GORMAN GROUP	500.00	APPRAISAL RE: DC-1302
5842	SEH	611.88	PROFESSIONAL SERVICES RE : PHASE II
5842	SEH	3,226.88	PROFESSIONAL SERVICES RE : SVIII
5842	SEH	7,511.08	PROFESSIONAL SERVICES RE: SVIII
5843	MERIDIAN TITLE CORP	100.00	TITLE WORK RE: DC-1320
5844	JAMES E POKRAJAC	6,087.30	ENGINEERING/LAND AGENT 4/16/08-1-4/30/08
5844	JAMES E POKRAJAC	339.20	APRIL MILEAGE
5844	JAMES E POKRAJAC	5,378.10	ENGINEERING/LAND AGENT 5/1/08-5/15/08
5844	JUDITH VAMOS	3,992.80	LAND ACQUISITION AGENT SERVICES 4/16/08-4/30/08
5844	JUDITH VAMOS	56.80	APRIL MILEAGE
5844	JUDITH VAMOS	3,884.30	LAND ACQUISITION AGENT SERVICES 5/1/08-5/15/08
5844	G. LORRAINE KRAY	1,268.43	CREDITING TECH & LAND ACQUISITION ASST 4/16/08-4/30/08
5844	G. LORRAINE KRAY	651.05	CREDITING TECH & LAND ACQUISITION ASST 5/1/08-5/15/08
5844	SANDY MORDUS	304.75	CREDITING TECHNICIAN SERVICES 4/19/08-4/30/08
5844	SANDY MORDUS	318.00	CREDITING TECHNICIAN SERVICES 5/1/08-5/15/08
5847	DLZ	80.00	PROFESSIONAL SERVICES RE: DC-1384
5847	DLZ	528.00	PROFESSIONAL SERVICES RE: DC-1388
5847	DLZ	528.00	PROFESSIONAL SERVICES RE: DC-1389
5847	DLZ	568.00	PROFESSIONAL SERVICES RE: DC-1377
5847	DLZ	568.00	PROFESSIONAL SERVICES RE: DC-1378
5861	MICHAEL E SOWARDS	1,978.00	PURCHASE PRICE OF DC-1391
5861	UNITY CHURCH OF CHRIST INC	105,000.00	PURCHASE PRICE OF DC-1302
5861	NANCY D WUJEK	6,298.00	PURCHASE PRICE OF DC-1382
5861	PETER KUCHINKE	4,174.00	PURCHASE PRICE OF DC-1373
5861	JAMES D & REBECCA HILL	4,500.00	PURCHASE PRICE OF DC-1362
5861	JEFFREY & PATRICIA LARSON	5,500.00	PURCHASE PRICE OF DC-1356
5861	SONYA MAYFIELD & ALBERT REBA	1,500.00	PURCHASE PRICE OF DC-1365
5861	SUSAN FISCHER	3,300.00	PURCHASE PRICE OF DC-1392
5861	EDWARD M MINTZ	4,856.00	PURCHASE PRICE OF DC-1388
5861	MICHAEL K & PATTI K MIZE	12,700.00	PURCHASE PRICE OF DC-1389
5861	LAKE COUNTY RECORDER	272.00	TO RECORD EASEMENTS RE: DC-1130A,1314,1327,1355,1358,1366 & 1376

TOTAL

211,548.93

**APPROVAL TO PAY THE FOLLOWING INVOICES
FROM O&M FUND
JUNE 4, 2008**

- **\$3,120.00 to Austgen Electric Inc. for work performed on flap gate – 14B flap gate.**
- **\$102.00 to Austgen Electric Inc. for work performed on North Burr Street pump station – repair control problem on pumps**
- **\$53.91 to T-Mobile for costs incurred for cell phone for engineer field work; monthly service 4/11/08 – 5/10/08**

Total O&M costs - \$ 3,275.91

CLAIMS PAYABLE FOR MAY 2008 REVISED

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	CASALE WOODWARD & BULS LLP	283.33	MONTHLY RETAINER THROUGH MAY 27, 2008
5812	NIRPR	14,840.08	SERVICES PERFORMED MARCH 2008
5812	UPF	50.14	OVERNIGHT MAIL
5812	CASE	131.99	LASER TONER DRUM FOR PRINTER
5821	SANDY MORDUS	30.80	MAY MILEAGE
5824	VERIZON	148.71	BILLING PERIOD 5/16/08-6/16/08(TOTAL BILL 274.20,KRBC 125.49)
5824	AT & T	474.11	BILLING PERIOD 4/14/08-5/13/08(TOTAL BILL 483.78,KRBC 9.67)
5825	JIMMY JOHNS	59.20	COST INCURRED AT ARMY CORP MEETING 5/14/08
5841	ALLSTATE APPRAISAL	750.00	APPRAISAL RE: DC-1344
5841	ALLSTATE APPRAISAL	350.00	APPRAISAL RE: DC-1307-2
5841	ALLSTATE APPRAISAL	350.00	APPRAISAL RE: DC-1306-2
5841	ALLSTATE APPRAISAL	750.00	APPRAISAL RE: DC-841
5841	ALLSTATE APPRAISAL	750.00	APPRAISAL RE: DC-840
5841	VALE APPRAISAL GROUP	2,400.00	APPRAISAL RE: DC-1300 & 1340
5841	JONATHAN LANDING	1,200.00	APPRAISAL RE: DC-1306 & 1307
5841	JONATHAN LANDING	2,400.00	APPRAISAL RE: DC-840 & 841
5841	THE GORMAN GROUP	500.00	APPRAISAL RE: DC-1302
5842	SEH	611.88	PROFESSIONAL SERVICES RE: PHASE II
5842	SEH	3,226.88	PROFESSIONAL SERVICES RE: SVIII
5842	SEH	7,511.08	PROFESSIONAL SERVICES RE: SVIII
5843	MERIDIAN TITLE CORP	100.00	TITLE WORK RE: DC-1320
5844	JAMES E POKRAJAC	6,087.30	ENGINEERING/LAND AGENT 4/16/08-1-4/30/08
5844	JAMES E POKRAJAC	339.20	APRIL MILEAGE
5844	JAMES E POKRAJAC	5,378.10	ENGINEERING/LAND AGENT 5/1/08-5/15/08
5844	JUDITH VAMOS	3,992.80	LAND ACQUISITION AGENT SERVICES 4/16/08-4/30/08
5844	JUDITH VAMOS	56.80	APRIL MILEAGE
5844	JUDITH VAMOS	3,884.30	LAND ACQUISITION AGENT SERVICES 5/1/08-5/15/08
5844	G. LORRAINE KRAY	1,268.43	CREDITING TECH & LAND ACQUISITION ASST 4/16/08-4/30/08
5844	G. LORRAINE KRAY	651.05	CREDITING TECH & LAND ACQUISITION ASST 5/1/08-5/15/08
5844	SANDY MORDUS	304.75	CREDITING TECHNICIAN SERVICES 4/19/08-4/30/08
5844	SANDY MORDUS	318.00	CREDITING TECHNICIAN SERVICES 5/1/08-5/15/08
5847	DLZ	80.00	PROFESSIONAL SERVICES RE: DC-1384
5847	DLZ	528.00	PROFESSIONAL SERVICES RE: DC-1388
5847	DLZ	528.00	PROFESSIONAL SERVICES RE: DC-1389
5847	DLZ	568.00	PROFESSIONAL SERVICES RE: DC-1377
5847	DLZ	568.00	PROFESSIONAL SERVICES RE: DC-1378
5849	CASALE WOODWARD & BULS LLP	12,316.96	LAND ACQUISITION/LEGAL SERVICES THROUGH 5/27/08
5849	CASALE WOODWARD & BULS LLP	330.00	UTILITY RELOCATION LEGAL SERVICES THROUGH 5/27/08
5861	MICHAEL E SOWARDS	1,978.00	PURCHASE PRICE OF DC-1391
5861	UNITY CHURCH OF CHRIST INC	105,000.00	PURCHASE PRICE OF DC-1302
5861	NANCY D WUJEK	6,298.00	PURCHASE PRICE OF DC-1382
5861	PETER KUCHINKE	4,174.00	PURCHASE PRICE OF DC-1373
5861	JAMES D & REBECCA HILL	4,500.00	PURCHASE PRICE OF DC-1362
5861	JEFFREY & PATRICIA LARSON	5,500.00	PURCHASE PRICE OF DC-1356
5861	SONYA MAYFIELD & ALBERT REBA	1,500.00	PURCHASE PRICE OF DC-1365
5861	SUSAN FISCHER	3,300.00	PURCHASE PRICE OF DC-1392
5861	EDWARD M MINTZ	4,856.00	PURCHASE PRICE OF DC-1388
5861	MICHAEL K & PATTI K MIZE	12,700.00	PURCHASE PRICE OF DC-1389
5861	LAKE COUNTY RECORDER	272.00	TO RECORD EASEMENTS RE: DC-1130A,1314,1327,1355,1358,1366 & 1376

TOTAL

224,195.89

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

CLAIMS PAYABLE FOR JUNE 2008
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
TOTAL		<u>\$ 4,040</u>

(Claim total previously approved and paid out - \$ 207,175)

(After this payout, remaining monies from town of Munster - \$ 86,956)



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

REPLY TO
ATTENTION OF:

May 27, 2008

Programs and Project
Management Branch

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

Dear Mr. Gardner,

This is in regard to advertisement and award of the Stage VIII construction contract for the Little Calumet River project. Based on discussions last week between Corps of Engineers Project Management and Real Estate staff with your staff and contractors on the status of real estate acquisitions and utility relocation agreements, the Corps can not advertise the Stage VIII contract at this time.

To advertise the contract at this time, Chicago District has to request a waiver from higher headquarters to advertise without real estate. Subsequently, we'd have to request a waiver from higher headquarters to award the contract without all real estate based on current status. Based on the number of properties yet to be obtained (over 20 properties, not including the option properties) and the lack of technical information and/or concurrence with Corps design from utility owners, I can not recommend proceeding with a request for waiver due to the risk of delay of the bid opening including the potential for cancellation, and the likely increased contract costs due to contract options and the limited availability of work areas

We appreciate the efforts your staff and contractors are making to obtain real estate and utility relocation agreements. Once a significant number of the outstanding properties are acquired and there is progress on the final utility relocation agreements, the Corps will proceed to advertisement as quickly as possible.

Please feel free to contact me at 312-846-5302 or Mr. Imad Samara, project manager, at 312-846-5560.

Sincerely,

Roy J. Deda, P.E.
Deputy for Project Management



LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
FINANCIAL STATEMENT
JANUARY 1, 2008 - APRIL 30, 2008

CASH POSITION - JANUARY 1, 2008

CHECKING ACCOUNT		
LAND ACQUISITION	192,304.22	
GENERAL FUND	81,335.09	
TAX FUND	0.00	
INVESTMENTS		
SAVINGS	89,504.55	
ESCROW ACCOUNT INTEREST	13,568.68	
	<hr/>	376,712.54

RECEIPTS - JANUARY 1, 2008 - APRIL 30, 2008

LEASE RENTS	11,134.16	
INTEREST INCOME(FROM CHECKING)	624.80	
LAND ACQUISITION	506,669.08	
ESCROW ACCOUNT INTEREST	4,777.24	
MISC. RECEIPTS	49,828.80	
KRBC REIMBURSEMENT RE: TELEPHONE CHARGE	400.48	
TRANSFERRED FROM SAVINGS	335.78	
CITY OF MUNSTER FOR PROPERTIES	15,178.00	
TOTAL RECEIPTS		588,948.34

DISBURSEMENTS - JANUARY 1, 2008 - APRIL 30, 2008

ADMINISTRATIVE		
2007 EXPENSES PAID IN 2008	68,261.17	
PER DIEM	3,400.00	
LEGAL SERVICES	849.99	
NIRPC	25,825.82	
TRAVEL & MILEAGE	811.20	
PRINTING & ADVERTISING	1,090.91	
BONDS & INSURANCE	6,738.25	
TELEPHONE EXPENSE	2,942.99	
MEETING EXPENSE	54.30	
LAND ACQUISITION		
LEGAL SERVICES	29,534.50	
APPRAISAL SERVICES	70,450.00	
ENGINEERING SERVICES	5,104.18	
LAND PURCHASE CONTRACTUAL	22,930.00	
FACILITIES/PROJECT MAINTENANCE SERVICES	0.00	
OPERATIONS SERVICES	52,660.00	
LAND MANGEMENT SERVICES	75,159.20	
SURVEYING SERVICES	73,992.72	
MISCELLANEOUS EXPENSES	0.00	
ECONOMIC/MARKETING SOURCES	0.00	
PROPERTY & STRUCTURE COSTS	113,918.76	
MOVING ALLOCATION	0.00	
TAXES	0.00	
PROPERTY & STRUCTURES INSURANCE	0.00	
UTILITY RELOCATION SERVICES	61,626.21	
LAND CAPITAL IMPROVEMENT	0.00	
STRUCTURAL CAPITAL IMPROVEMENTS	0.00	
BANK CHARGES HARRIS BANK	17.00	
PASS THROUGH FOR SAVINGS	23,050.61	
PAYBACK TO SAVINGS		
TOTAL DISBURSEMENTS		570,156.64

CASH POSITION - APRIL 30, 2008

CHECKING ACCOUNT	
LAND ACQUISITION	252,719.73
GENERAL FUND	34,934.04
TAX FUND	
TOTAL FUNDS IN CHECKING ACCOUNT	287,653.77

CHASE SAVINGS ACCOUNT BALANCE	89,902.74
(LAND ACQ IN HOUSE PROJECT FUNDS)	*38,054.35
(O & M MONIES)	**46,171.76

*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 5,676.63

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

TOTAL SAVINGS	89,902.74
ESCROW ACCOUNT INTEREST AVAILABLE	18,345.92
TOTAL OF ALL ACCOUNTS	395,902.43

Little Cal plan flows to completion

Southmoor residents protest, say drainage issues have not been fully addressed

BY KEITH BENMAN
kbenman@nwitimes.com
219.933.3326

Flood insurance premiums could become a thing of the past for up to 4,500 home and business owners in Highland and Hammond as early as the end of this year.

The section of the Little Calumet River flood control project from Cline Avenue to Northcote Avenue could be complete by then, according to Dan Gardner, executive director of the Little Calumet River Basin Development Commission.

Hammond city officials have

begun preparing applications to remove properties from the flood plain, Gardner said. Highland officials also will be preparing applications before construction is done.

The commission also is ready to move forward with as many as 40 property condemnations to

secure easements if necessary. Gardner told a meeting of the Northwest Indiana Regional Planning Commission. In all, the commission has obtained about 1,400 voluntary easements for the 10-mile project.

See PLAN, D2

Plan

Continued from D1

No homes or businesses have had to be bought or condemned, Gardner said. Most of the easements are thin strips of land running across the backyards of homes.

Gardner credited Hammond's aggressive push to land Cabela's for speeding up the project.

"I look at it as a no-brainer," said Hammond Mayor Thomas McDermott Jr., a NIRPC member. "If you get rid of the flood insurance, we can save you (residents) \$1,500 per year."

The entire project from Gary to the state line may be complete by the end of 2009, Gardner said.

Home and business owners will save up to \$8 million in annual flood insurance payments once the project is completed, Gardner said.

Just when home and business owners can stop paying flood insurance premiums will depend on

when the Federal Emergency Management Agency gives final approval to applications to remove them from the flood plain, Gardner said.

The commission will meet in the next few weeks with homeowners on Southmoor Road, just north of the Little Calumet near Hohman Avenue, in Hammond, Gardner said.

Residents there have called for a halt to the project, contending that drainage issues still have not been fully addressed.

In addition, they are concerned about losing the trees that shade their yards and how that will affect property values, said Ruth Mores, who has lived on the street for 19 years.

She has attended Little Calumet River Basin Commission meetings for years. She and other neighbors' most recent meeting with the commission was May 7.

"It's like it has gotten down to we are going to do this one way or the

other lady and we don't care how you feel," she said of officials' attitudes.

A month ago Southmoor residents received easement acquisition offers and some said they would not rule out legal action to defend their property. Mores said residents are now in the process of securing their own professionals to analyze how property values will be affected.

Commission officials acknowledge the stretch along the 200 block of Southmoor will be one of the tightest in which they have had to work.

Gardner said every effort has been made to address residents' concerns.

He said a stone-faced wall of steel sheeting will be used to retain the river at that point to minimize how much land is needed. Also, a drainage system will be built to take away any water that gathers at the base of the wall facing the homes.

The Times
Friday May 16, 2008

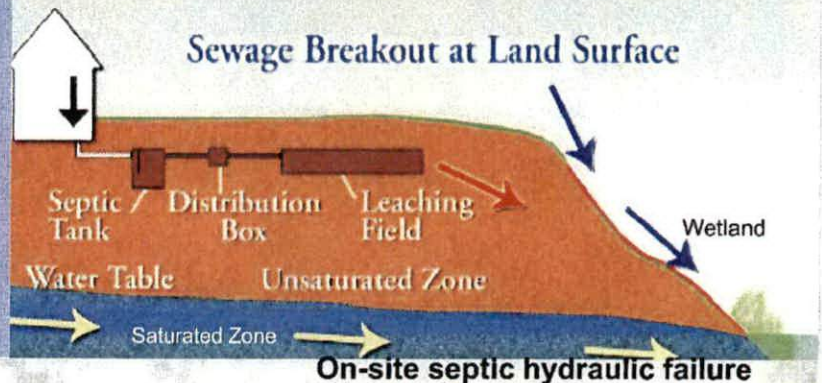
Goal 1

LITTLE CALUMET RIVER

Side 2

Watershed management PLAN

Western Branch



Failed septic systems can cause *E. coli* pollution

A septic system is an on-site, two part treatment and disposal system designed to condition untreated liquid household waste (sewage) so that it can be readily dispersed and percolated into the subsoil. Percolation through the soil accomplishes much of the final purification of the waste, including the destruction of disease-producing bacteria.

Improperly used or maintained septic systems can release pollutants into surrounding areas that may ultimately reach the Little Calumet River and Lake Michigan.

If a septic system is not maintained properly, it is likely to fail. Septic system failures can occur when wastewater either breaks out at the surface or seeps into the soil and travels to ground and surface water sources, contaminating the water and threatening public health. Bacteria and pathogens associated with fecal matter leak from failing septic systems and degrade groundwater and surface water quality. Fecal coliform contamination is a primary concern relating to septic system failures. These bacteria and pathogens can cause many types of diseases, including diarrhea, hepatitis A, dysentery, typhoid fever, cholera and salmonella.

Septic system maintenance is important for water quality protection

☐ Know the location of your septic tank and leaching area.

☐ Inspect your tank yearly and have the tank pumped every three to five years as needed.

☐ Do not flush bulky items such as throw-away diapers or sanitary pads into your system, only toilet paper.

☐ Do not flush toxic materials such as paint thinner, pesticides, or chlorine into your system as they may kill the bacteria in the tank. These bacteria are essential to a properly operating septic system.

☐ Be conservative with your water use and use water-reducing fixtures wherever possible.

☐ Keep deep-rooted trees and shrubs from growing on your leaching area.

☐ Keep heavy vehicles from driving or parking on your leaching area.

☐ Don't put food down your sink. Septic systems are not intended to dispose of food waste, coffee grounds, grease, or fat, and, in fact, these substances will harm the septic tank. Try using a compost pile for non-meat food waste.

☐ Don't use a kitchen garbage disposal. Having a garbage disposal doesn't make food waste, grease, or fat any easier for your system to handle. If you use a garbage disposal, it's especially important that you have a larger than normal tank that has an effluent screen and that you pump frequently.

☐ Balance your water usage throughout the week. When your septic system receives a large volume of water within a short time, it can cause solids to move into the drainfield, resulting in a clog. Don't do all your laundry at one time; spread the chore out over the week.

Improperly maintained septic systems are not only prone to failure, they can be very costly to replace.

For more information please contact either:
Dorreen Carey, Director Phone: 219-882-3000
Environmental Affairs City of Gary

Luci Horton, Director Phone: 219-944-0595
Gary Storm Water Mgmt. District



Goal 1

1. Reduce *E. coli* levels in the Little Calumet River by reducing loads to the River to meet beneficial uses.

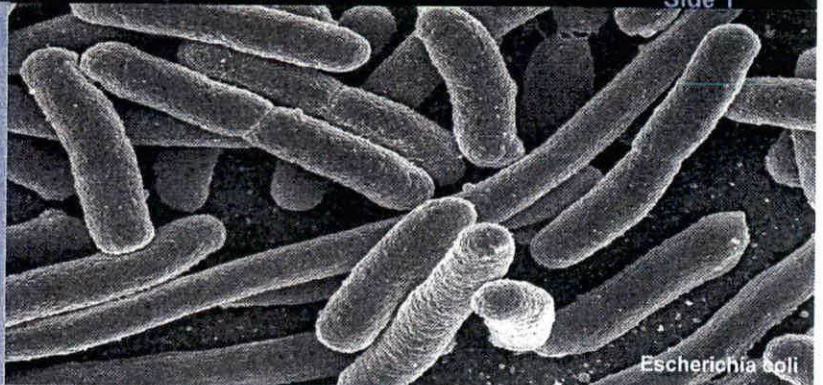
LITTLE CALUMET RIVER

Watershed

m a n a g e m e n t

P L A N

Western Branch



What is *E. coli*?

Escherichia coli, commonly called *E. coli*, is one of the most common species of coliform bacteria. It is a normal component of the large intestines in humans and other warm-blooded animals. It is found in human sewage in high numbers. *E. coli* is used as an indicator organism because it is easily cultured, and its presence in the water in defined amounts indicates that *human* sewage may be present. If sewage is present in the water, pathogenic or disease causing organisms may also be present.

Why do we measure *E. coli*?

Typhoid and cholera epidemics in the mid-19th century led to the discovery that certain gastrointestinal diseases of humans are transmitted via water. The disease-causing organisms leave the infected individual via the feces, which can become discharged into surface waters. They then in turn can be consumed by and infect users of the water. These water-borne diseases include typhoid, cholera, enteric fevers, and bacterial dysentery. It is not feasible however, to test waters for each possible type of disease causing bacterium. *E. Coli* is used to indicate, on a statistical basis, the likelihood of contracting a disease by consuming or recreating in such waters.

What level of *E. coli* is acceptable?

The Little Calumet River is designated for full-body contact recreation and must be capable of supporting a well-balanced, warm water aquatic

community according to the Indiana Department of Environmental Management. Any water body with the recreational designation cannot exceed 125 colonies of bacteria per 100 milliliters (mL) of water as a geometric mean based on not less than 5 samples that have to be equally spaced over a 30 day period, or 235 colonies of bacteria per 100 mL in any one sample in a 30 day period.

The Little Calumet River and its tributaries regularly exceed the Indiana single sample daily maximum of 235 colonies per 100 mL for *E. coli* bacteria.

Several sources of *E. coli* have been identified in the watershed study area. Combined Sewer Overflows (CSOs) contribute to *E. coli* increases during wet weather releases to the river from combined sewers. CSO reductions are being addressed by area Waste Water Treatment Plant Long Term Control Plans. The Watershed Management Plan focuses on prevention and reduction of surface water runoff contributions to *E. coli* pollution which can include failing septic systems, farm animals, agriculture, and pet and wildlife wastes.



For more information please contact either:

Domreen Carey, Director
Environmental Affairs Phone: 219-882-3000
City of Gary

Luci Horton, Director Phone: 219-944-0595
Gary Storm Water Mgmt. District



Project funded by an EPA/IDEM Section 319 Watershed Management Grant & the Gary Storm Water Management District



Goals 2 & 3

LITTLE CALUMET RIVER

Watershed

m a n a g e m e n t

P L A N

Western Branch

2. Reduce sediment loads by source reduction strategies and, in priority subwatersheds, through the use of Best Management Practices (BMPs).

3. Reduce nutrient loads by source reduction strategies and, in priority subwatersheds, through the use of Best Management Practices (BMPs).



Total suspended solids/sediment

Erosion of soils through much of the Little Calumet River watershed contributes large amounts of sediment during high river flows. Total Suspended Solids (TSS) are used as a measurement for pollutants contributing to sediment in waterways. TSS are solid materials, including organic and inorganic, that are suspended in the water.

Why test for TSS?

High concentrations of suspended solids contribute to low oxygen levels caused by excess nutrients and other problems such as reduced fish population and reduced recreational quality of a waterway.

How can we prevent sediments from entering our surface waters?

Prevention methods include protection of the land in our watershed from erosion by use of conservation tillage measures by farmers, maintaining erosion control on construction sites, and giving urban runoff time to settle out before reaching surface waters. Increases in impervious areas, or areas that do not allow water to soak into the ground, cause increases in total suspended solids because the solids are not trapped by vegetation and other obstructions as they are in natural flows.

Excess nutrients

The chemical elements and compounds needed for plants and animals to grow and survive that are

found in the environment are considered to be nutrients. However, too many nutrients contribute to poor water quality. Excess nutrients can cause algae blooms in rivers and lakes. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels. The main nutrients of concern for water-quality investigation include nitrogen and phosphorus.

Where do nutrients come from?

Nutrients can be generated from a number of everyday practices within the Little Calumet River Watershed. Almost everything that goes onto the land surface can be washed away by rain and snow, ending up in waterways. Excessive fertilizer application, animal wastes from pets, livestock, and wildlife, common household products, and failing septic systems can be major sources of nitrogen and phosphorus to waterways.



Excess plant & algae growth

For more information please contact either:

Dorreen Carey, Director
Environmental Affairs Phone: 219-882-3000
City of Gary

Luci Horton, Director Phone: 219-944-0595
Gary Storm Water Mgmt. District



Project funded by an EPA/IDEM Section 319 Watershed Management Grant & the Gary Storm Water Management District



Goal 4

4. Restore, improve, and/or protect floodplains, wetlands, natural areas, and riparian corridors.

LITTLE CALUMET RIVER

Watershed

m a n a g e m e n t

P L A N

Western Branch



Natural areas protect water quality

Floodplains, wetlands, natural areas, and riparian corridors provide a natural buffer that can prevent or reduce surface water runoff pollutants from reaching waterways.

What is a natural buffer?

A riparian buffer is an area of trees, usually accompanied by shrubs and other vegetation, along a stream, river, or shoreline that helps to maintain the integrity of the waterway, to reduce pollution, and to provide food, habitat, and thermal protection for fish and wildlife.

Riparian buffers slow and filter nutrients and sediments out of stormwater before they reach the waterway. Buffers also stabilize streambanks and floodplains, reducing erosion. The cool stream temperatures maintained by riparian trees are essential for the survival of many fish and other aquatic species. Leaves and fallen logs and branches provide food and habitat for many organisms that are critical to the aquatic food chain. Riparian buffers can also attract birds and wildlife, providing important habitat and migration corridors for many species.

Large natural buffers along the river have multiple positive impacts to the water quality. They increase the stability of the slope due to the vegetation that will develop and have deeper root systems than those of crops or summer grass. The effect that floods will have on the local

community will decrease in severity due to the water having a place to pool before reaching individual communities and homes. The wildlife habitat in the area will also improve as pollution is reduced by slowing down the physical runoff and giving sufficient time for sediments to settle out before reaching the water.

Natural buffers along the Little Calumet River

The Little Calumet River is for the most part a well buffered stream. The work done by the United States Army Corps of Engineers (USACE) building levees and creating flood control zones has also resulted in a system of wetlands and floodplains that provide buffer areas along both sides of the Little Calumet. However, much work is needed to stabilize the river banks, to restore natural buffers between the river and agricultural and livestock areas, and to create and protect greenspace that can allow for stormwater infiltration and cleaning.



For more information please contact either:

Doreen Caroy, Director
Environmental Affairs
Phone: 219-882-3000
City of Gary

Luci Horton, Director
Gary Storm Water Mgmt. District
Phone: 219-944-0595



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Project funded by an EPA/IDEM Section 319 Watershed Management Grant & the Gary Storm Water Management District

Goals 5 & 6

LITTLE CALUMET RIVER

Watershed management PLAN

Western Branch

5. Improve public awareness/knowledge of pollutant loads, sources, and solutions, especially with regard to E coli, and the impacts and risks associated with them.

6. Create an active watershed alliance or conservancy district that facilitates and implements information sharing including ordinances, projects/experiences, and education materials in a central location.



Education, organization and implementation

The Steering Committee and public participants in the watershed planning process agreed that local communities need more information about how to protect their watersheds. Local governments, planning agencies such as the Northwest Indiana Regional Planning Commission (NIRPC), and local environmental, civic, and community organizations can continue to assist in the distribution of watershed materials and the communication of watershed issues.

Little Calumet River watershed planning participants also recognized that there needed to be a coordinating organization established whose main purpose would be to promote public education and involvement, provide linkage between the Western Branch and other watersheds and project activities on the Little Calumet River, communicate the watershed planning goals, act as a point of contact for all watershed concerns and information, and assist with implementation of the proposed Best Management Practices for watershed improvement and protection.

The Steering Committee will continue to work with all watershed stakeholders to establish an on-going organization to implement the Little Calumet River Western Branch Watershed Management Plan.

We can all help protect our watershed

Reduce or eliminate the use of fertilizers and pesticides on your lawn and garden. Choose phosphorous-free fertilizers.

Avoid pouring household chemicals and automobile oils/fluids on the ground, down a sink, toilet, or storm drain. Take excess to Household Hazardous Waste drop off site for proper disposal.

Use non-toxic alternatives to home cleaning chemicals. Use phosphorus-free dishwasher detergent.

Wash your car at the car wash where water is recycled and detergent captured.

Clean up pet waste and dispose of it in the garbage or toilet.

Keep lawn clippings out of streets, drains, and waterways.

Monitor and maintain your septic system.

Use straw bales or silt fence to prevent runoff when doing construction or major landscaping projects.

Conserve water whenever possible.

For more information please contact either:

Dorreen Carey, Director
Environmental Affairs Phone: 219-882-3000
City of Gary

Luci Horton, Director Phone: 219-944-0595
Gary Storm Water Mgmt. District

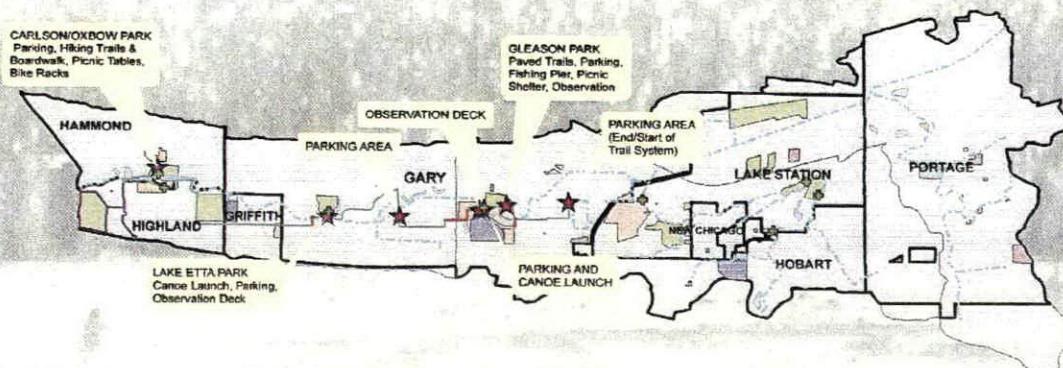
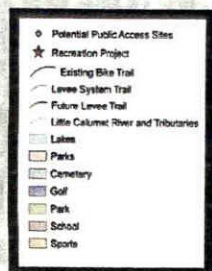
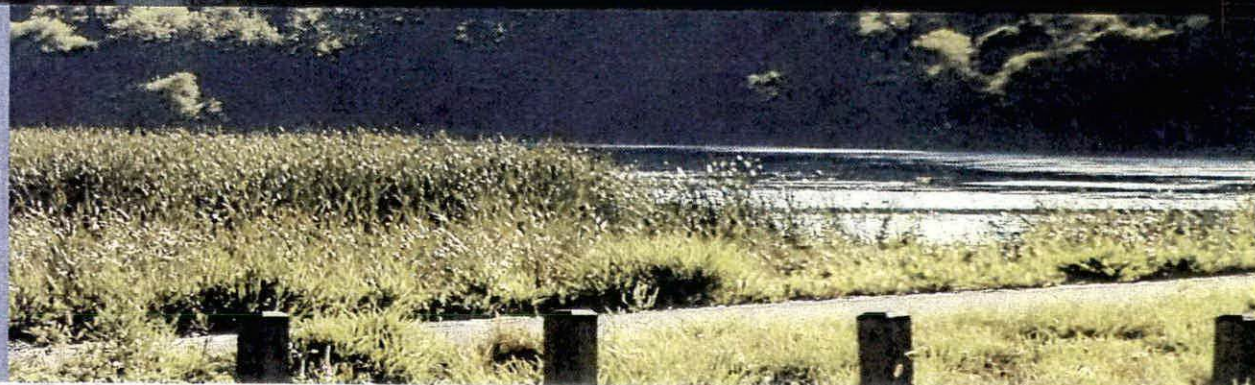
Goal 7

LITTLE CALUMET RIVER

Watershed management PLAN

Western Branch

7. Increase river corridor connectivity, river navigability, and public access sites and make the public aware of them.



River access

A cleaner safer Little Calumet River will attract more recreational users such as walkers, bicyclists, bird-watchers, canoeists/boaters, and fishing enthusiasts. Access to the river and watershed resources will increase public understanding of watershed issues and create public "buy-in" for needed investment in water quality improvements. Recreational improvements can also contribute to new business opportunities and increased real estate values.

The Little Calumet River Levee Trail constructed by the Corps of Engineers as part of the river flood control project offers several miles of public access opportunities along the levee system, but improvements and maintenance are needed. The steering committee and the public recommended that additional access sites should be created at intervals along the river, as well as new watershed informational and interpretive signage.

For more information please contact either:

Dorreen Carey, Director
Environmental Affairs Phone: 219-882-3000
City of Gary

Luci Horton, Director Phone: 219-944-0595
Gary Storm Water Mgmt. District



Project funded by an EPA/IDEM Section 319 Watershed Management Grant & the Gary Storm Water Management District



PROJECT ENGINEERING MONTHLY STATUS REPORT

For meeting on Wednesday, June 4, 2008

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

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

Report period is from May 1 – May 29, 2008)

COMPLETED CONSTRUCTION

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

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

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

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

2. Levee certification

- A meeting was held with FEMA, LCRBDC, and the Corps on July 17, 2007 to review FEMA mapping
- Minutes were distributed on July 18 (Refer to Item #6 regarding letter of certification need for record).
- Letter of response from Highland on January 30, 2008

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

1. Project cost information

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

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

2. This pump station is in the process of being turned over to the city of Gary for O&M responsibility.

- A follow-up inspection was held with the COE and Greeley & Hansen on September 4 and 5, 2007.
- Awaiting Army Corps report to proceed with remediation (Station was found to be operational and up to Corps standards as of September 2007)

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

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

West Reach Pump Stations – Phase 1B:

1. The two (2) pump stations included in this contract are S.E. Hessville (Hammond), and 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.
5. Some minor items need to be addressed before turnover.
6. Received monthly construction status report from the COE. (Refer to handout)

STAGE III Drainage Remediation:

1. Project completed on June 23, 2005.
 - A. Dyer Construction – Contractor
 - 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.
 - Received approval for incremental funding in the amount of \$141,995 on March 11, 2008.
5. A walk-thru inspection was held with the COE and the contractor on October 25, 2005.
 - Scope of work – Approximately ½ of East Reach to plant trees, herbiciding has been completed, clean up growth in collector ditches, plant new native grasses on levees.
6. Received monthly construction status report from COE

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

1. The low bidder was Superior Construction Company
 - Original Bid Amount - \$2,301,518
 - Current Contract Amount - \$2,549,885.15
 - Amount overrun - \$248,367 (10.8%)
 - Percent completed – 99%
 - Current contract completion date – August 24, 2007
2. Received monthly construction status report from COE. (Refer to Handout)
3. Final inspection was held on May 1, 2007
 - All punch list items were addressed and project is now completed.
4. LCRBDC received a copy of the certificate of final completion by Gary on July 25, 2007 (Letter dated July 20, final signing July 23, 2007).
5. "As-built" drawings turned over to city of Gary on March 12, 2008 (Refer to O&M Report).
6. Received a letter from the Griffith Corps office on May 7, 2008 indicating the seeding and vegetation were unsatisfactory (This was within one year of substantial completion). 1-2

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

1. This portion of construction was advertised, coordinated, and facilitated by the Corps and LCRBDC as a betterment levee.
2. The Army Corps awarded the contract to Dyer Construction Company on February 28, 2007 in the amount of \$3,342,583.22.
3. A pre-construction meeting was held on April 4, 2007
4. Sheet piling across the NSRR R/W has been completed.

5. Corps approved request for total progress payment in the amount of \$2,276,535.02 (paid to date) on March 11, 2008. Balance due date is December 17, 2007.
6. Received Modification #2 to contract on March 11, 2008 extending completion date by 10 days due to severe weather (Current date is July 30, 2008)

STATUS (Stage V Phase 2) Kennedy Avenue to Northcote

- A. The low bidder was Dyer Construction Company, Inc.
 - Original contract amount - \$15,930,348.46 (includes options)
 - Total awarded amount - \$13,140,189.41
 - Notice to Proceed issued October 17, 2007
 - Current required Contract Completion Date – **November 5, 2009**
 - Total Government Estimate w/o profit - \$17,411,799.89
 - \$1,481,452 under estimate (8.5%)
1. A progress meeting was held with the Corps, Dyer Construction, LCRBDC, and various municipalities and utilities on **April 30, 2008**. (Minutes are attached) 3-5
- B. Received the file from the Corps of the solicitation documents on September 14 indicating a 750 day duration after the contractor receives their Notice to Proceed. (This projects to a completion date, without weather delays, to approximately November 9, 2009)
 - A letter was written to the Hammond mayor by the Corps (Col. Drolet) on January 18, 2008 discussing scheduling and real estate.
- C. Miscellaneous Utility Relocation Coordination
 1. Agreement submitted to NIPSCO on April 17, 2008, in the amount of \$10,540, for work adjacent to Northcote Avenue, north of the river.
 2. Agreement submitted to NIPSCO on April 22, 2008, in the amount of \$6,323, for work to de-energize lines north and south of the river, West of Kennedy Ave., to allow driving of sheet piling.
 3. Agreement submitted to NIPSCO on April 23, 2008, in the amount of \$22,381, for 34.5 KV re-location work along NIPSCO R/W, West of Kennedy Ave.
- D. Received approved DNR permit (amendment) for Hart Ditch on April 14, 2008, allowing rip-rap and bank stabilization. (Additional information available upon request.)

1. UTILITY CORRIDOR COORDINATION (NIPSCO R/W)

A. LCRBDC Participation

1. LCRBDC completed a cost and status summary sheet (to date) as of **May 7, 2008** with all the pipelines. 6
 - > Costs approved by Corps – \$ 1,737,334
2. Utility Re-location Agreements
 - Received approval from Corps attorney for the utility relocation agreements on February 28, 2008 (We forwarded an agreement we had previously used, and executed, with NIPSCO)
3. A current summarization table for the V-2 pipeline corridor **has been updated as of May 28, 2008**. 7-8

B. Huntington District Assistance

1. General Coordination

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

2. Huntington Actions

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

C. NIPSCO (Completed)

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

D. Conoco Phillips Pipe Line

1. Received memo from the Corps dated January 14, 2008 from the Huntington District indicating estimate of \$333,000 to be fair and reasonable.
2. Conoco Phillips agreement sent out on March 14, 2008
3. **Question on payment for services (letter regarding payment to be sent by LCRBDC)**

E. T-Cubed (formerly Wiltel)

1. Had a conference call with the NSRR, Army Corps, and LCRBDC on September 24, 2007 to discuss concerns of the RR for their communications and fiber optic lines.
 - Received cost estimate (in letter form) on March 11, 2008, in the amount of \$18,800 to protect their fiber optic line and provide "on site" supervision during construction.
 - Received email response from "T-Cubed" engineering reviewer/facilitator that design is approved; sent to NSRR attorney on May 27, 2008.

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F. Explorer Pipe Line

1. Received memo from the Corps dated January 16, 2008 from the Huntington District indicating estimate of \$187,779 to be fair and reasonable.
2. Explorer agreement sent out on March 10, 2008
3. Follow-up for status sent April 27, 2008
4. **One change in agreement. Forwarded change for review on 5/30/08**

G. Wolverine Pipe Line Company

1. Received memo from the Corps on 1/18/08 from the Huntington District indicating estimate of \$102,200 to be fair and reasonable.
2. Wolverine agreement sent out on March 18, 2008
3. **One change in agreement. Forwarded change for review on 5/30/08**

H. Buckeye Partners (Completed)

1. Received a memo from Corps on December 6, 2007 and an email from Imad concurring that the Buckeye cost estimate for the two (2) 8" pipe lines is fair and reasonable in the total amount of \$441,669.
2. Buckeye agreement sent out on March 17, 2008
3. **Signed Buckeye agreement was received on May 15, 2008**

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I. BP Amoco Pipelines

1. Received a memo from the Corps on December 6, 2007 and an email from Imad concurring that the BP Amoco pipelines cost estimate for their 8"

- and 22" pipelines is fair and reasonable in the total amount of \$239,335.
2. BP Amoco agreement sent out on March 7, 2008
 3. Signed BP Amoco agreement was received on May 19, 2008

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J. Marathon Pipeline LLC (Completed)

1. Received cost estimate from Marathon on February 27, 2008 concurring that the Marathon pipeline cost estimate for their 12" and 16" pipelines if fair and reasonable in the total amount of \$210,000.
2. Signed Marathon agreement received April 25, 2008.

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3. INDOT Coordination

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

B. Pump Station Coordination

- United Consulting sent a letter to the Corps on February 29, 2008 regarding their design, and asked for review and comments regarding impacts to our construction.
 - The Corps responded back on March 21, 2008 indicating what compliances will be required and provided details regarding penetrations.
4. A letter was sent to the Highland Fire Chief (Bill Timmer) by the Corps on February 21, 2008 that access ramps for river access would be a betterment.
- A meeting was held with Highland and their representatives, the Corps, and the LCRBDC on March 24.
 - Several options were discussed including jib cranes, access ramps, and zodiacs. Corps will consider. (Ongoing)

5. Miscellaneous Utility Coordination

- A. Contracted out Dyer Construction in the amount of \$36,662 to remove an existing drainage system at the south end of Woodmar Country Club (24" pipe and catch basins)
- Received Corps emails indicating this needed to be done immediately
 - Corps determined cost estimate to be fair and reasonable
- B. Garcia L.E. completed the location survey behind K-Mart for the trench for NIPSCO and AT&T on May 22, 2008 at the request of the Corps to determine any modifications to design.

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14-15
16-17
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STATUS Stage VI-1 (South) South of the river – Kennedy to Liable

1. Low Bidder was Illinois Constructors Corporation (awarded September 30, 2004)
 - Original Contract Amount - \$6,503,093.70
 - Current Contract Amount - \$7,563,971
 - Amount of Total Payments, to date - \$7,038,697.33 (as of 1/21/08)
 - Amount Overrun - \$1,064,509 (16.3%)
 - Percent Completed - 99%

- Original Completion Date – December 4, 2006
- Current Completion Date – September 5, 2007
- 2. Received monthly construction status report from the COE (Refer to Handout)
- 3. North Drive Pump Station
 - LCRBDC working with COE, contractor, and Highland for O&M turnover to town of Highland (Some items remain to be turned over)
 - LCRBDC received drawings and parts turnover on September 7, 2007
 - Waiting for as-built drawings to begin turnover process to the town of Highland
- 4. The final inspection for this segment was held with the town of Highland, Army Corps, I.C.C. (contractor), and LCRBDC on October 12, 2007
 - Had progress meeting with I.C.C. and the Corps on May 15 to finalize remaining items. 19-20

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 - \$5,734,158
 - Amount of Total Payments, to date, \$5,238,794 (as of 12/12/07)
 - Amount Overrun – \$78,247 (1.5%)
 - Percent Completed – 94%
 - Original Complete Date – July 21, 2007
 - Current Completion Date – November 27, 2007
 - Current completion date extended 65 calendar days due to unusually severe weather as per Modification #2 received on March 2, 2007 (dated February 27, 2007)
2. Received monthly construction status report from the COE (Refer to Handout)
3. Final inspection was scheduled for December 19, 2007 but was cancelled due to snow. Corps currently re-scheduling
 - Had progress meeting with I.C.C. and the Corps on May 15, 2008 to finalize remaining items. 19-20
 - Corps presented pre-final inspection punch list as of November 28, 2007 21-22
4. Received a copy of a letter from Krosan Development dated March 5, 2008 (received March 10) applying for permits to construct from Hammond.

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

1. Low bidder was Dyer Construction (awarded July 29, 2005)
 - Original Contract Amount - \$4,205,644.17
 - Current Contract Amount - \$4,219,329
 - Percent Completed – 98%
 - Original Completion Date – April 11, 2007
 - Current Completion Date – June 1, 2007
 - Current completion date extended 51 calendar days due to adverse weather conditions as per Modification #1 on March 2, 2007 (dated February 20, 2007)
2. Project Description
 - Construct a levee protection system consisting of 8,250 lineal feet of earthen levee, 1,600 lineal feet of steel sheet pile floodwall, (3) gatewell structures, culverts & sewer appurtenances, and miscellaneous tree planting and seeding.
3. Received monthly construction status report from the COE (Refer to Handout)
4. The final inspection was held on August 22 with the Corps, Dyer Construction, town of Highland, and the LCRBDC.

- The overall inspection found few deficiencies. Some seeding and landscaping issues and stone trail herbiciding and grading. Correction will be done in the spring of 2008.

STATUS (Stage VII) Northcote to Columbia:

1. The final contract with Earth Tech to do the A/E work for this stage/phase of construction was signed and submitted by the COE on December 21st, 1999.
2. The schedule shows a June, 2008 contract award and a July, 2009 Completion.
 - The current schedule, as outlined in an email from the Corps on October 26, 2007 indicates 75% plans & specs will be ready for review on April 7, 2008, 100% on June 20, 2008, design complete July 3, 2008, advertise August 12, 2008, and award on September 26, 2008.
3. BP Amoco has been pursuing engineering coordination for (3) existing pipelines in Stage VII that will greatly impact design since mid-October, 2007.
 - **A letter was sent to BP Amoco on May 5, 2008 requesting response to 50% review drawings where (3) pipeline cross throughout this stage.** 23
4. All survey work on both sides of the river has been completed; appraisals are done, and offers are being made. (Refer to Land Acquisition Report)
5. A new team has been put together to review and update the engineering (A field walk-thru on May 24, 2007).
 - The results of the final engineering review will be forthcoming.
6. The 50% BCOE engineering review drawings and specs were received from the Corps on April 30, 2008 and distributed to all reviewers on May 1.
 - **The Corps had an engineering meeting for 50% review with the LCRBDC in the morning (including a field visit), and an utility coordination meeting in the afternoon on May 19, 2008.** 24
7. **Stage 7 – ALPHA** (New gatewell to be installed west of Northcote and north of the river for interior drainage)
 - Submitted comments to Corps on February 21, 2008; received responses same day
 - All real estate available. ROE signed on March 25, 2008 (Refer to Land Acquisition Report)
 - **This segment is now part of the Stage VII contract.** 25-26

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

1. Survey work has been completed and LCRBDC has divided work between DLZ, GLE, and Torrenge Engineering. (Refer to Stage VIII – Land Acq. Report.)
 - Updated real estate drawings were received from Buffalo on January 28, 2008 requiring approximately 30 of 90 surveys to be re-done (Refer to Land Acquisition Report)
2. The Chicago Corps indicated to the LCRBDC on September 11, 2006 that their Buffalo District will be doing the engineering and specs for Stage VIII.
 - Received an email from Corps on January 30, 2008 with the most recent, updated schedule for engineering design.
 - Received an updated Stage VIII project schedule for the Buffalo Corps regarding design, dates for advertising, completing plans & specs, and overall project schedule (updated as of 2/15/08)
3. SEH has been contracted out by the LCRBDC to provide utility coordination.
 - A. After approval by the Commissioners at the April 9, 2008 meeting, the contract was amended to include additional work, as requested by the Corps, in the amount of \$19,586.
 - **The spreadsheet for underground utilities was submitted to the LCRBDC on May 21 (There are 12 locations – 2 NIPSCO, 3 Munster Water Works, and 7 combined sewer with HSD)** 27-28

- SEH comments on gravity sewer crossings – Coordination with Buffalo Corps on May 22, 2008 29
- Received updated utility summary list from SEH on May 23. (Copies available upon request) 30
- 4. Coordination with residents from Southmoor Road
 - A. A meeting was held with the residents, the Army Corps, and the LCRBDC on October 20, 2007 to review project impacts and design.
 - LCRBDC wrote a letter to the residents on November 20, 2007 giving a current update on the engineering in this area.
 - A meeting with the residents will be held after all offers are sent out. The LCRBDC will re-stake easements in their back yards for discussion at the meeting (Refer to Land Acquisition Report).
- 5. DC-1315 (NICTD)
 - A meeting was held with NICTD on April 22, 2008, to present easement agreements (see Land Acquisition report).
 - Final engineering data was sent to NICTD on 5/29/08 which should complete their request. 31-32
- 6. DC-1300 (Riverside Park)
 - A field meeting was held with the Hammond Parks Dept., City Engineer's office, Army Corps, and the LCRBDC on April 2, 2008.
 - Notes of this meeting were forwarded to all attendees on April 10, 2008, requesting any questions or clarifications.
 - An email was sent by Hammond Parks attorney on May 21 requesting a meeting on site to determine boundaries for staging area. 33
- 7. Miscellaneous Utility Coordination
 - A. Contracted out T.L.C. Plumbing to do "daylighting" to get elevations and location of a 12' NIPSCO pipeline for design as requested by the Buffalo Corps 34
 - B. Daylighting contract for Stage VII & Stage VIII underground utilities 35
- 8. A pre-solicitation notice was submitted by the Corps (posted May 2, 2008).

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 - \$1,405,845.29
 - Amount Overrun - \$484,742 (53%)
 - Percent Completed – 98%
 - Original Completion Date – November 7, 2007
 - Current Completion Date – November 7, 2007
2. A final inspection was held on both sites on May 12, 2004, with the Corps, LCRBDC, project A/E, and Renewable Resources and was found to be satisfactory for this portion of the overall project.
3. The 24 month monitoring period began on May 15, 2004 (Cost - \$3,000/month) (Ongoing)
4. Received monthly construction status report from the COE (Refer to Handout)

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)
 5. A meeting was held on February 27, 2008 with the bonding company, Corps, Theineman Construction, and the LCRBDC to discuss the scope of work and preconstruction issues
 - A follow-up email was sent to the Corps on March 21, 2008 requesting status, or if minutes were distributed. (Status report not received.)

Pump Station Rehabilitation – Phase 2 (Engineering being done by the Huntington District of the Corps)

Pump Station – Phase 2A

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

- **Received an email from the Corps indicating proposals for this project are due by the end of May; contract to be awarded by the end of June.**
1. A plan-in-hand meeting was held on November 27 to field review the (2) pump stations in Phase 2A (Forest Avenue and Tapper).
 - An email was sent to the Corps on November 27, 2007 requesting real estate requirements and types of easements (not just work limits)
 2. LCRBDC contracted out DLZ on September 19, 2007 to do property ownership research for each station to determine what interest the HSD has at each location.
 - They provided the location surveys and easement overlays to Huntington on February 5, 2008 in order to get ROE to work on the stations.
 - LCRBDC used past format for pump stations in getting easements signed & approved on March 19, 2008. Existing legals for permanent levee easements have been modified to exclude the actual pump station buildings as a “Perpetual Pump Station Easement”.
 3. The easement agreements for both Forest Ave. and Tapper were presented to the HSD for signatures on April 15, 2008 and are now signed (refer to Land Acquisition report)
 4. A pre-bid conference was held by the Corps on April 30, 2008, including site visits.

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Pump Station – Phase 2B

1. Received an email from the Corps on November 19, 2007 indicating that the contract was broken up and that 2B will include pump replacements at Indianapolis Blvd., Jackson Avenue, and Southside pump stations.
2. **Easement agreements are now signed (Refer to Land Acquisition Report)**
3. Received the 100% BCOE review set from the Army Corps Huntington district on 3/21/08.
 - The 100% review meeting and plan-in-hand check were held on April 3, 2008 (memo for record was issued on April 18, 2008).

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).

Forest Avenue Levee (Levee west of Hohman Ave. along Little Calumet River and Illinois State Line)

1. Discussion began with residents on August 22, 2006
2. Site visit was held with several residents on September 15, 2006
3. Had follow up site meeting on November 22, 2006 to discuss the line of protection, Corps requirements, FEMA re-mapping to remove from the flood plain, and LCRBDC responsibilities as local sponsor.
4. Email to Corps on December 11, 2006 requesting inspection with Corps to determine requirements for certification. (Corps responded there are tieback issues in Illinois, FEMA needs to be satisfied, and coordination call is needed)
5. Received email from Corps on December 15, 2006 indicating this project is not part of Stage VIII and was built locally in the early 1980's, was never certified, and no easements exist.
6. Requested information from Hammond City Engineer on May 4, 2007
7. Resident sent letter to LCRBDC on October 14, 2007
8. Sent "as-builts" to Corps on 2/19/08. Corps responded we need real estate.
9. Submitted agreements to GLE Surveying on April 17, 2008, for ten (10) separate parcels (received signed agreement on April 22, 2008).
 - Letter sent to residents on May 1, 2008 informing them of upcoming acquisition, engineering process, and general information.

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

1. Received a letter from the Congressman's Office on October 10, 2006 indicating this area has been declared, by the Chicago Army Corps to need structural repairs in order to meet FEMA requirements for certification.
2. Received a letter from the COE on August 2 indicating they could not be hired by the Commission to develop a design document to get FEMA certification.
 - This is due to Federal regulations regarding payment to the Corps to do design work for local entities.
3. LCRBDC in the process of putting together a scope of work and then soliciting for engineering services to determine what is required by certify this levee (as directed by the Commission at the August 1, 2007 meeting)
4. A meeting was held with the town of Griffith and the Corps on February 13 to discuss scheduling, funding, and the process of levee certification
 - LCRBDC sent notes of meeting to attendees on February 14, 2008

- The Army Corps indicated at this meeting that they would do an inspection this April to determine what information is needed and what is required to certify this section of levee.
5. Received infrastructure drawings from the town of Griffith on February 18 (dated February 15) for water, storm, and sanitary lines.
 - Transmitted to Corps on February 19, 2008
 - Received past correspondence, soils information, drawings, permits, IDNR approvals, etc. from the town of Griffith (as prepared by Lawson-Fisher Associates) on February 27, 2008.
 - This was submitted to the Corps on March 14, 2008. It can supplement previous information that can be part of the Corps review after the April inspection.
 6. An inspection was held on the Griffith levee on April 10 with representatives from Griffith, the Army Corps, and the LCRBDC.

Hobart Marsh – Mitigation Enhancements

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

GENERAL (Highway Crediting)

- A. INDOT coordination for Grant St. & Broadway interchanges with I-80/94.
 1. INDOT sent a letter to the COE on April 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.
 - A conference call was held with INDOT, Chicago and Detroit Corps, and LCRBDC on November 29 to discuss the fathering of information and upcoming coordination.
- B. A meeting was held on July 17, 2006 with the LCRBDC, Corps, FEMA, and the IDNR to discuss and coordinate the Little Calumet River model review. Need IDNR approval as required by FEMA guidelines.
 - Minutes of this meeting were sent out and were received on the 27th of July.

C. 27th & Chase Street – Pump Station Remediation

1. Preliminary design is completed, Corps submitted real estate requests, surveys completed, need right to construct (Refer to Land Acquisition Report).
2. As part of the turnover process, the COE has been working with the GSD & United Water to remediate a drainage problem at their existing 27th & Chase pump station.
 - Design is ongoing, and the COE anticipates drawings will be ready for review by mid-September. (Ongoing)
 - > Received a request from Gary about getting prints to review.

D. Received an email (and details) from the Corps on May 15 indicating the use of pre-cast concrete panels that will be included for the contractor to bid on for Stage VII and VIII

- Good option. Takes less time to install on site and is less invasive to the property owners

E. Received a request from Northwest Engineering on November 14, 2007 for the city of Gary to construct a pump station and force main east of Broadway and north of 33rd Avenue.

- A meeting was held with the Corps and Gary on December 21, 2007. Minutes of this meeting were provided to LCRBDC on December 26, 2007

F. A letter of concern was submitted from Munster resident (Steve Enger) to the LCRBDC on March 30, 2008

- This was forwarded to the Corps for technical and construction response
- The Corps addressed this letter in the form of a memorandum of response on April 25, 2008. This was then forwarded to Mr. Enger on May 6, 2008.



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

May 7, 2008

REPLY TO
ATTENTION OF

Technical Services Division
Calumet Area Office (1180-1-1q)

SUBJECT: Contract No. W912P6-06-XX-0099
Little Calumet River, Indiana
Burr Street Betterment Levee
Phase 2 - Gary
Warranty Inspection

Mr. Theodore R. Cuson, Jr.
Superior Construction Company, Inc.
2045 East Dunes Highway
Gary, IN 46401-0888

Dear Mr. Cuson:

A jobsite inspection of the subject contract was performed by our office on May 6, 2008. Work was found to be defective within the time period provided in Specification 00700, Paragraph 13.07 "Corrective Period" that requires correction. The corrective period is defined to be within one year of substantial completion, which started on May 9, 2007 as shown on the Certificate of Substantial Completion.

We found unsatisfactory conditions regarding the establishment of seeding, acceptable vegetative cover and possible grade elevation variations which we bring to your attention at this time for correction.

Photographs were taken during the inspection described above by Messrs. Murl T. Nielsen and Leonard P. Coulman of this office on May 6, 2008 and are enclosed on CD-ROM for your use. The enclosed photographs include 050608.001.jpg through 050608.016.jpg.

Of particular concern are pictures as follows:

A. 050608.005.jpg. North side of Burr St. Betterment levee looking east from Colfax street showing sparse vegetation.

B. 050608.004.jpg. Close up of ground surface on the levee at the location of the above picture (050608.005).

C. 050608.008.jpg. South side of Burr St. Betterment levee, looking west, where this project adjoins the previously constructed Burr Phase 1 levee, showing grass on the Burr Phase 1 levee as compared to weeds on the levee of the subject contract. Also note that, although not evident in the picture, the final grade elevation of the Burr St. Betterment levee is slightly low as compared to that of Burr Phase 1. Please confirm Burr St. Betterment levee elevation is 603.2 per sheet C-05 of the contract drawings.

D. 050608.014.jpg. Ditch 5 embankment showing sparse establishment of native seeding after more than one growing season.

E. 050608.013.jpg. Ditch 5 showing erosion control mat at ditch bottom pushed up providing no erosion control protection and sparse and irregular grass establishment.

As required by the Specification 00700, Paragraph 13.07, for any work found to be defective, the Contractor shall promptly, without cost to the owner and in accordance with the owner's written instructions, repair such defective work.

Please contact the undersigned or Mr. Murl Nielsen at (219) 923-1763 at your earliest convenience.

Sincerely,



Gary R. Anderson, P.E.
Area Engineer
Calumet Area Office

Copies Furnished:

CELRC-PM-PM (I. Samara)
CELRC-TS-C-C (D. Anderson)
Greeley and Hansen (J. Niec)
City of Gary, IN (S. Shapira)

MINUTES
PROGRESS MEETING NO. 10
April 30, 2008, 9:00 AM
LITTLE CALUMET RIVER LOCAL FLOOD PROTECTION
W912P6-07-C-0011 STAGE 5 PHASE 2
USACE Field Office, Highland, IN

1. Participants:

USACE: Sheldon Edd
Scott Babcock
Doug Anderson

Dyer: Jon Shaner
Tom O'Leary

Other Agencies:

James Mandon (Munster)
John Bach (Highland)
Dennis Simala (North Township)
Dan Gardner (Little Cal River Com.)
James Pokrajac (LCRBDC)
Bill Timmer (Highland Fire)

Frank Janosi (NIPSCO)

2. Progress: Actual thru April 30: 26% \$4.2 M

Scheduled thru May 14 27% \$4.6 M

Original Contract Completion Date: November 5, 2009

Original Options Amount: \$15,930,348.46

Original Contract Amount: \$13,140,189.41

Obligated Amount: \$5,000,000.00

Current Required Completion Date: November 5, 2009

Current Approved Change Orders/RFP's: \$0

Current options awarded: \$502,491.56

Current Contract Amount: \$13,642,680.97

Payments to Date: \$3,327,428.21

3. Work Since Last Meeting

- a. Working in Wicker park on Concrete
- b. Hauling clay to 6N
- c. Installed PZ27 in Baring

4. Work Expected or Scheduled Within Next Two Weeks:

- a. Continue clay operation in 6N and complete concrete in Wicker
- b. Issuance of incremental funding from the USACE in the amount of \$3,000,000.

5. Critical Work Activities in Project Schedule:

- a. Earthwork and concrete phases of construction

6. Old Business:

- a. USACE district updates on re-design of the 96" gatewell structure and investigating the 96" RCP replacement.
- b. 18" Corrugated pipe not on plans severed by sheet piling at Parkway Drive.
- c. Utility relocation in 6N behind K-Mart.
- d. Pole to be relocated at Northcote is waiting to be released from LCRBDC to NIPSCO
- e. NIPSCO will install switches by Kennedy.
- f. Letter of incremental funding was sent in, in process at USACE.

MINUTES
PROGRESS MEETING NO. 10

April 30, 2008, 9:00 AM

7. New Business:

a. .

7.1 Potential Conflicts Requiring Resolution:

a. North Drive I-Wall end of wall location and power line issues.

7.2 Potential Items of Public Interest (Opportunities for the USACE Public Affairs Officer to communicate proactively with the media and the public):

7.3 Local resident/community official inquiries concerning the job, press releases, and articles in the press:

a. .

7.4 Potential Differing Site Conditions / Plan of Action to Verify and Resolve Potential Problems:

- a. Existing 96" pipe and gatewell not in plan location. District office re-design of the structure per the field-located pipe is targeted to be complete by April 18th. (old biz)
- b. Baring Ave. Pump station discrepancy in elevations and overflow. USACE is addressing a solution at this time

7.5 Potential problems concerning the plans or specifications

a. .

7.6 Safety of present operations

- a. Earthwork
 - i. Backing, Pinch points
 - ii. Tripping hazard
 - iii. Public traffic safety
- b. Concrete
 - i. Material – caustic
 - ii. Equipment and forms, falling, backing, tying off

8. Submittal Status:

Outstanding Submittals (submittals not returned within 30 days):

- a. A schedule update to USACE. This submittal will not affect construction progress or process.
- b. Pedestrian bridge shop drawings

Key Submittals in Review:

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

- a. Pedestrian bridge submittals (East of Kennedy).
- b. Sample panels

Upcoming Submittals:

a. .

9. Field Changes/Modifications:

- a. North Drive sheet piling lengths – RFP #0005 issued April 2008, replaces RFP #0001.

MINUTES

PROGRESS MEETING NO. 10

April 30, 2008, 9:00 AM

- b. Buried Debris at Hawthorne Dr. – RFP #0002 issued on 2-26-08, revision #3 returned to USACE on 3-6-08.
- c. Access ladder cages – RFP #0003 issued on March 17, returned to USACE March 21.
- d. Demolish the USGS gauging station – RFP #0004 issued April 1, 2008.
- e. Adjustment to footprint of levee in 5S – RFP \$0006 issued 4-28-08

- f. Fence in Wicker Park – 5' chain link & Barb wire to become 6' no barb wire. Contractor to leave fence on North side of Wicker Park for North Township to secure the area. Need RFP.
- g. Changes in the levy top trail – deletion. USACE to clarify, then need RFP.

- h. 96" pipe: USACE investigating if pipe will be replaced due to change in anticipated soil loading.
- i. District redesign of 96" gatewell location; RFP.
- j. 18" Corrugated pipe not on plans discovered to have been severed by sheet piling at Parkway Drive. Need plans then RFP.
- k. Add riprap to the west bank of Hart Ditch - RFP needed.

- l. Sheet pile lifting hole – patching: Contractor sent USACE request for equitable adjustment on March 31, 2008, pending review. Lifting holes in the flange of the sheet pile section in part of the Baring Ave. I-Wall will need to be patched.
- m. Baring Ave. Pump station and overflow rerouting discrepancy in elevations. (RFI) will become a RFP

The next progress meeting is scheduled for May 14, 2008, at 9:00 a.m. Central Time at the temporary field office on Kennedy in Highland. Dyer Construction will email participants of the meeting.

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

SAFETY NOTE: All prime and sub contractors, representatives of agencies public and private including city employees, utility companies' employees, and other guests to the site are reminded that they must wear a helmet and steel toed footwear while within the work limits regardless of work performed or visit duration.

PIPELINE RE-LOCATION COSTS SUMMARY STAGE V PHASE 2

Following are costs, and estimates, from the different pipelines on the NIPSCO R/W that will be impacted with our sheet pile installation both north and south of the Little Calumet River as part of the recently-awarded contract by the Army Corps of Engineers for work on both sides of the river between Kennedy Avenue and Northcote Avenue in Hammond, Highland, and Munster.

A. Costs submitted by the pipeline company that have been reviewed and approved by the Army Corps of Engineers and have been determined to be fair and reasonable:

1. Buckeye Partners (10")	\$ 117,456
2. Buckeye Partners (14")	\$ 117,456
3. Buckeye Partners (8")	\$ 60,878
4. Buckeye Partners (8")	\$ 145,878
5. BP Amoco (8")	\$ 119,668
6. BP Amoco (22")	\$ 119,668
7. Conoco Phillips Pipeline (8")(8")	\$ 333,000
8. NIPSCO (8")(12")(36")	\$ 204,551
9. Explorer Pipeline (24")	\$ 187,779
10. Wolverine Pipeline (16")(18")	\$ 102,200
11. Marathon Pipeline, LLC(12")(16")	\$ 210,000
12. Level 3 Communications(10" PVC)	\$ 18,800
Total Cost	\$ 1,737,334

(May 7, 2008)

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

COMPANY	PRIME CONTACT	PIPE SIZE	EST. COST	HUNTINGTON APPROVED AND SENT TO CHICAGO	LOCAL CONTACT	ARMY CORPS APPROVAL DATE	AGREEMENT SENT TO UTILITY	RESPONSE FROM UTILITY - WORKING TO RESOLVE	AGREEMENT APPROVED BY UTILITY
Norfolk Southern Railway Company 1200 Peachtree Street N.E. 12th Floor Atlanta GA 30309	Danny Young 404-915-1380 (Coordinates with Mark Sawyer)	6" Steel Conduit w/Comm. Lines (located approx. 10' E. of East set of rails)						This line is located just east of the east set of rails. No agreement is necessary because the concrete pour in this area does not require any re-location or coordination.	
CONOCOPHILLIPS PIPE LINE COMPANY P. O. Box 277 Baldwin MO 63022	Bob Hardt bob.l.hardt@conocophillips.com (636) 391-1660	8" (Located West of NSRR R/W easement line) 8" on NSRR R/W	\$333,000.00	August 7, 2007	Gary Hanten gary.j.hanten@conocophillips.com 400 E. Columbus Drive East Chicago IN 46312 (219) 397-6666 Ext.304	1/14/2008	3/17/2008	4/18/2008 (Questions on billing and payment)	
Explorer Pipeline P. O. Box 2650 Tulsa OK 74101-2650	Patrick Nwakoby (918) 493-5172	24" (Located East of NSRR Embankment)	\$187,779.22	August 7, 2007	Alton Ryals Hammond Area Supervisor 3737 Michigan Street Hammond IN 46323-1202 (219) 989-8262 (219) 712-4573 (cell)	1/16/2008	3/10/2008 (Follow-up request sent on 4/27/2008)	Submitted modified agreement to Explorer (one change) on 5/30/2008	
Marathon Ashland Pipelines 3106 Kickbush Dr. Valparaiso IN 46385	Dave Woodsmall (219) 477-4001 (219) 508-3928 (cell)	12" 16" (Located East of toe of Embankment)	\$210,000.00	February 14, 2008	Steve Woods (Land Agent) (217) 382-2248 (812) 249-0445 (cell) Ryan Bandy (Engineering Coord.) Fransworth Group (314) 962-7901 Ext. 225	2/27/2008	3/19/2008	4/25/2008	4/25/2008
Level 3 Communications, LLC "T-Cubed" (formerly Wiltel) 1025 Eldorado Blvd. Broomfield CO 80021	Danny Young Norfolk Southern RR 1200 Peachtree Street N.E. 12th Floor Atlanta, Georgia 30309 Danny.Young@nscorp.org	Communications Line in 10" PVC (Located East of NSRR Embankment)	\$18,800	N/A	Oscar Rios Lake County Rep (219) 712-0731 Keith Osborn Network Infrastructure Services keith.osborn@level3.com (720) 888-2774	4/28/2008	5/13/2008	Point of Contact forwarded agreement to NSRR Law Dept. on 5/27/2008	

**STAGE V - PHASE 2
NIPSCO R/W - PIPELINE CORRIDOR**

COMPANY	PRIME CONTACT	PIPE SIZE	EST. COST	HUNTINGTON APPROVED AND SENT TO CHICAGO	LOCAL CONTACT	ARMY CORPS APPROVAL DATE	AGREEMENT SENT TO UTILITY	RESPONSE FROM UTILITY – WORKING TO RESOLVE	AGREEMENT APPROVED BY UTILITY
Buckeye Partners 9999 Hamilton Blvd Tek #5 Breinigsville PA 18031	Don Samala dsamala@buckeye.com (Re-location Engineer) (610) 904-4303	10"	\$117,456.00	12/6/2007	Gene Pugh (Field Rep) (219) 781-6357 (cell) (219) 989-8603 Al Kosior (Engineer) akosior@buckeye.com (219) 397-3656 (Ext.2125)	12/6/2007	3/17/2008 (Follow-up request sent on 4/27/2008)		4/3/2008
Buckeye Partners 9999 Hamilton Blvd Tek #5 Breinigsville PA 18031	Don Samala dsamala@buckeye.com (Re-location Engineer) (610) 904-4303	14" (Formerly Equilon line)	\$117,456.00	12/6/2007	Gene Pugh (Field Rep) (219) 781-6357 (cell) Office (219) 989-8603 Al Kosior (Engineer) akosior@buckeye.com (219) 397-3656 (Ext.2125)				
Buckeye Partners 9999 Hamilton Blvd Tek #5 Breinigsville PA 18031	Don Samala dsamala@buckeye.com (Re-location Engineer) (610) 904-4303 (Formerly Transmontaigne line)	8" 8"	\$60,878.00 \$145,878.00	12/6/2007	Gene Pugh (Field Rep) (219) 781-6357 (cell) (219) 989-8603 Al Kosior (Engineer) akosior@buckeye.com (219) 397-3656 Ext.2125				
BP Amoco 8230 Whitcomb Merrillville IN 46410	Dane Graham dane.graham@bp.com (630) 414-0011 (cell)	8" (E. of East NIPSCO R/W Line) 22"	\$119,667.50 \$119,667.50	(From BP Amoco on 12/6/07)	Ms. Marcie Foster R/W Specialist marcie.foster@bp.com Main Office: 28100 Torch Pkwy, Ste.600 Warrenville IL 60555 (630) 836-3461 (630) 836-3585 (fax)	12/6/2007	3/7/2008 (Follow-up request sent on 4/27/2008)		5/19/2008
Wolverine (formerly EXXON/Mobil) 8075 Creekside Drive Suite 210 Portage MI 49024	Fred Hipshear (269) 323-2491 (Ext. #24) (269) 217-5158 (cell) fred_hipshear@wplco.com	16" 18"	\$102,200.00	August 7, 2007	Scott Smith Damage Prevention Specialist scott_smith@wplco.com (815) 838-8160 (815) 325-5357 (cell)	1/18/2008	3/18/2008	Submitted modified agreement to Wolverine (one change) on 5/30/2008	
NIPSCO 801 E. 86th Avenue Merrillville IN 46410	Mark Pasyk (219) 647-4299 mlpasyk@nirsource.com	8" 12" 30"	\$204,551.00	August 26, 2007	Frank Janosi Electric Transmission Engineer (219) 886-5560 Neal Arndt Gas Transmission Engineer neardt@nirsource.com (219) 647-4779	1/3/2008	3/4/2008	Completed	3/20/2008

Revised 5/29/2008

Jim Pokrajac

From: "Young, Danny" <danny.young@nscorp.com>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Wednesday, May 28, 2008 6:38 AM
Subject: RE: Confirm receipt

Jim-

I received the agreement. I will send to the NS Law Dept. for review. Remember, T-Cubed is a fiber optic telecom system, not a pipeline.

I am not back full time yet, but hope to be soon.

Danny Young

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Monday, May 19, 2008 1:08 PM
To: Young, Danny
Subject: Confirm receipt

Danny:

I would appreciate it if you would please send me a quick email so that I know for sure that you received the proposed pipeline agreement sent to you via email on May 12. We had received an automated response back that you were not in the office but I assume you would be able to read your emails from home. Please confirm that for me. If you have not received the agreement, I can either re-email it to you or put a hard copy in the mail to your home address if you would like. Thanks,

Jim Pokrajac, Agent
Engineering/Land Management

TRANSMITTAL LETTER



BUCKEYE PIPE LINE COMPANY, L. P.
5002 BUCKEYE ROAD
EMMAUS, PA 18049

TO: Little Calumet River Basin Development Commission

DATE: 15-May-08

6100 Southport Road

Portage, Indiana 46368

ATTN: James E. Pokrajac, Agent

Engineering/Land Management

FROM: Don Samala

PHONE : 610-904-4303

Buckeye Partners, L.P.

SUBJECT: Agreement for Relocation of Utilities

PROJECT NO:

RECEIPT ACKNOWLEDGE REQUESTED (Check):

_____ Phone _____ Email _____ Fax

RETURN ENCLOSURES TO SENDER (Check):

_____ Yes _____ No

RECEIVED BY:

DATE:

DOCUMENT STATUS (Check):

FOR (Check):

_____ Preliminary
_____ Approved for Bid
_____ Approved for Construction/Fabrication
_____ Revised
_____ As-Built
_____ Mark-ups for Revision
_____ Other

_____ Information
_____ Review/Comment
_____ Approval
_____ Record
_____ Return with comments
_____ Return with approval/comments
_____ Other

COMMENTS:

DISTRIBUTION:

Name:

Copies:

Description:

THE UTILITY:

BP PIPELINES (NORTH AMERICA) INC.
as contract operator of the
BP AMOCO pipeline system

S. Pankhurst

(Signature of Officer)

STEVE PANKHURST
(Officer's Name Printed or Typed)

VICE PRESIDENT
(Officer's Position)

ATTEST:

Andrew M. Viola

(Witness of Utility Signature)

Andrew M. Viola

(Witness's Name Printed)

ACKNOWLEDGMENT

State of ILLINOIS, County of COOK, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

STEVE PANKHURST - VICE PRESIDENT
(Names and offices of signers of Utility)

Officers of BP PIPELINES (NORTH AMERICA) INC., and acknowledged the

execution of the foregoing contract on this 19th day of MAY,
2008.

Witness my hand and seal the said last day.

My Commission Expires:

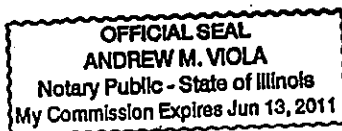
6-13-2011

Andrew M. Viola

NOTARY PUBLIC (Signature)

Andrew M. Viola

(Printed or typed)



PIPELINE RE-LOCATION AGREEMENT

BP PIPELINES (N. AMERICA) INC.

VI-2 PIPELINE CORRIDOR



Marathon Pipe Line LLC

539 South Main Street
Findlay, OH 45840-3295
Telephone 419/422-2121

April 24, 2008

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

Dear Mr. Pokrajac:

Enclosed, please find two (2) fully executed copies of the agreement between Little Calumet River Basin Development Commission and Marathon Pipe Line LLC titled:

"Agreement Between Little Calumet River Basin Development Commission and Marathon Pipe Line LLC For Relocation Of Utilities"

Should you have any questions, please feel free to contact Steve Woods at 812-249-0445.

Sincerely,

Edward D. May
ROW Relations Supervisor

Enclosures

/aca



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

WILLIAM BILLER, Chairman
Governor's Appointment

ROBERT MARSZALEK, Vice Chairman
Governor's Appointment

R. KENT GURLEY, Treasurer
Lake County Commissioners' Appointment

MARK GORDISH, Secretary
Mayor of Hammond's Appointment

ARLENE COLVIN
Mayor of Gary's Appointment

STEVE DAVIS
Dept. of Natural Resources' Appointment

ROBERT HUFFMAN
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

VACANCY
Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

May 22, 2008

Mr. Greg Furman
Vice President
DYER CONSTRUCTION COMPANY
1716 Sheffield
Dyer, Indiana 46311

Dear Greg:

Enclosed please find two (2) copies of the agreement between Dyer Construction Company and the Little Calumet River Basin Development Commission for services to do utility removal work of abandoned pipes and structures as encountered on the Cabela's property in Hammond, IN.

Please sign both copies, keeping one for yourself and returning one to this office. Upon receipt of the signed copy, please consider this letter as your notice to proceed. If you have any questions regarding this work, please call.

Sincerely,

James E. Pokrajac, Agent
Engineering/ Land Management

/sjm
encl.

3

Jim Pokrajac

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Cc: "Anderson, Douglas M LRC" <Douglas.M.Anderson@usace.army.mil>; "Anderson, Gary R LRC" <Gary.R.Anderson@usace.army.mil>; "Edd, Sheldon D LRC" <Sheldon.D.Edd@usace.army.mil>; "Babcock, Scott L LRC" <scott.l.babcock@usace.army.mil>
Sent: Monday, May 12, 2008 4:06 PM
Subject: RE: 5N existing structures lil cal 5-2 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

The plans showed the relocation needed and we did provide these plans to everyone. Jim the LCRBDC and Cabela need to move fast and get a determination to what needs to be done. As we all know Cabela would like not to delay the contractor.

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: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Monday, May 12, 2008 4:02 PM
To: Samara, Imad LRC; Troy Kurz; Bock, Thomas A.; Mark Nienhueser; Anderson, Douglas M LRC; Anderson, Gary R LRC; Babcock, Scott L LRC
Cc: Babcock, Scott L LRC; Edd, Sheldon D LRC
Subject: Re: 5N existing structures lil cal 5-2 (UNCLASSIFIED)

Apparently they must not have been aware a re-location was needed until the catch basins were exposed and this was brought to everyone's attention recently. They had no "as-builts" from Woodmar that showed these and after their early reviews apparently didn't know they would be involved.

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

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>; "Troy Kurz" <Troy.Kurz@cabelas.com>; "Bock, Thomas A." <Thomas.Bock@rasmithnational.com>; "Mark Nienhueser" <Mark.Nienhueser@cabelas.com>; "Anderson, Douglas M LRC" <Douglas.M.Anderson@usace.army.mil>; "Anderson, Gary R LRC" <Gary.R.Anderson@usace.army.mil>; "Babcock, Scott L LRC" <scott.l.babcock@usace.army.mil>
Cc: "Babcock, Scott L LRC" <scott.l.babcock@usace.army.mil>; "Edd, Sheldon D

14

5/29/2008

LRC" <Sheldon.D.Edd@usace.army.mil>

Sent: Monday, May 12, 2008 1:34 PM

Subject: RE: 5N existing structures lil cal 5-2 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

USACE does not need a meeting we need a decision to what the owner needs to do. This is a relocation that should have been done by the owner. The notes on the plans states that this will be done by others. We need to get this done ASAP since the contractor is to get the construction done without delay.

I need a decision from Cabela to what needs to be done and if Cabela will do the work.

We can meet but I really think you guys need to decide.

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

Sent: Monday, May 12, 2008 9:31 AM

To: Troy Kurz; Bock, Thomas A.; Mark Nienhueser

Cc: Babcock, Scott L LRC; Edd, Sheldon D LRC; Samara, Imad LRC

Subject: Re: 5N existing structures lil cal 5-2 (UNCLASSIFIED)

Thanks for your response. If the corps wants a meeting, they will let us know. The contract is ongoing in this area and it will probably need to be addressed soon.

Jim

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5/29/2008

Jim Pokrajac

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: <jpokrajac@nirpc.org>
Cc: <dgardner@nirpc.org>; <smordus@nirpc.org>
Sent: Wednesday, May 21, 2008 8:38 AM
Subject: Re: Existing Utilities Removal @ Cabela's

Jim USACE reviewed the estimate and determined it is fair and reasonable. This is considered a utility relocation and the cost is creditable per the LCA.

Imad Samara
 312-860-0123

 Sent from my BlackBerry Wireless Handheld

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

From: Jim Pokrajac <jpokrajac@nirpc.org>
 To: Samara, Imad LRC
 Cc: dgardner@nirpc.org <dgardner@nirpc.org>; Sandy Mordus <smordus@nirpc.org>
 Sent: Tue May 20 14:40:56 2008
 Subject: Fw: Existing Utilities Removal @ Cabela's

Imad,

This is the estimate to remove abandoned pipes and structures that were encountered while Dyer Construction was stripping topsoil adjacent to the north line of protection on Cabelas property. Apparently Woodmar Country Club had this system as part of their overall drainage for the South end of their golf course to conduct landside drainage. This would be from Station 19+00 5N to Station 27+00 5N. The scope of work includes the removal of the 24" RCP, (3) manholes, and 1 pump station vault. Could you please confirm that all of these items are the responsibility of the LCRBDC as a utility re-locate, and also that their estimate is fair and reasonable, in order that the LCRBDC can get credit for these costs.

Thanks,

Jim Pokrajac

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

From: Greg Furman <mailto:gfurman@dyerconstruction.com>
 To: 'James Pokrajac' <mailto:jpokrajac@nirpc.org>
 Sent: Friday, May 16, 2008 1:12 PM
 Subject: Existing Utilities Removal @ Cabela's

Jim,

We propose to remove the following abandoned pipes and structures as encountered while stripping topsoil for the new levee thru Cabela's from sta. 19+00 5N to sta. 27+00 5N

Remove 24" RCP Storm Sewer 600 LF @ \$33.50 = \$20,100.00

Remove 5' Diameter Manholes 3 EA @ \$1,000.00 = \$3,000.00

Remove Pump Station Vault 1 Ea @ \$13,562.00 = \$13,562.00

23,100
 13,562

 361,662

Dyer Construction will invoice quantities per field measurement.

All material removed shall be disposed of offsite.

All holes shall be backfilled utilizing onsite soils.

This is not a complete list, as other utilities may be discovered when topsoil stripping commences east towards Northcote.

Please feel free to call with any questions.

Thanks,

Gregory Furman

Vice President

Dyer Construction Company, Inc.

O: (219) 865-2961

F: (219) 865-2963

Jim Pokrajac

From: "Gregg Heinzman" <glh@garcia-consulting.com>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Cc: "Matt Cunningham" <Matthew.W.Cunningham@lrc02.usace.army.mil>; "Imad Samara" <imad.samara@usace.army.mil>; "Sheldon Edd" <Sheldon.D.Edd@usace.army.mil>
Sent: Tuesday, May 27, 2008 11:45 AM
Attach: Utility Topo.pdf, Utility Topo.dgn
Subject: Stage 5 - NIPSCO Utilities Behind K-Mart

Jim,

Attached are a PDF file and a DGN file of the utility information on the subject project. (The DGN file is a CAD file for Corps use, if needed.)

Gregg L. Heinzman PE SE LS
Senior Vice President

Garcia Consulting Engineers

7501 Indianapolis Boulevard 219.989.1954
Hammond, IN 46324 Fax: 219.989.3321

**Illinois Constructors Corporation**

P.O. Box 745
St. Charles, IL 60174

ICC Project # 611

Meeting Minutes**U.S. Army Engineer District, Chicago**

111 Canal Street
Chicago, Illinois 60606

Contract #

USACE - Local Flood Protection, Little Calumet River

Indiana, Stage VI-1 South Levee
Highland and Hammond, Indiana

Progress Meeting Meeting 1

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
5/15/2008	09:00 AM	10:45 AM	5/30/2008	08:00 AM	Tony Frazzini	Illinois Constructors Corporation

Purpose	Location	Next Location	General Notes
Progress Meeting	USACE's Calumet Area office in Griffith, IN	USACE's Calumet Area office in Griffith, IN	See attached sign in sheet for attendees and contact information.

Attended By	Non-Attendees
-------------	---------------

Illinois Constructors Corporation - Jeff Rausch

Illinois Constructors Corporation - Rusy Mitcheff

Illinois Constructors Corporation - Tony Frazzini

U.S. Army Corps of Engineers - Sheldon Edd

U.S. Army Corps of Engineers - Doug Anderson

Hammond Park District - Charles Blaine

LCRBDC - Jim Pokrajac

Town of Highland - Mike Pipta

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd
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Lil Cal Stage 6-1 South

001-001	Chip Controller - Waiting on response from Gasvoda. (Originally RFI #41 submitted on 1/16/08, answered on 4/29/08) ICC will get response from Gasvoda as soon as possible.	Illinois Constructors Corporation	In Progress		
001-002	Leak in North Drive Pump Station - Original Submittal on 2/8/08, returned on 3/14/08. Agreed upon in meeting 5/15/08 to seal entire joint at ceiling and the joint at the North wall and floor. Work to be done by IWS, ICC will schedule this work and notify USACE and other appropriate parties.	Illinois Constructors Corporation	In Progress		
001-003	North Drive Pump Station Bushes - Need location where bushes are to be replaced. ICC to get in contact with John Bach (219-972-5069) about replacing bushes.				
001-004	As-builts - Status - submitted: 12/17/07 - Still need to be reviewed.	USACE	In Progress		
001-005	Dyer Letter - Will go inspect area where levee was damaged with USACE when on site to finish work.				
001-006	Mod for Seepage Investigation - USACE needs to process mod.	USACE	In Progress		

Item	Meeting Item Description	Resp.	Status	Due Date	Compl'd
001-007	Final Quantities - Rip rap: all tickets with quantities turned in. Seeding: needs to be calculated still. Stone Path - Quantities measured and turned in 5/1/08. Sheeting: all driving logs turned in, still needs to be calculated.		In Progress		
Lil Cal Stage 6-1 South (other items)					
001-008	Curb along N. Drive entering pump station needs to be fixed to proper elevation to allow for good drainage. ICC to repair.	Illinois Constructors Corporation			
001-009	Switch locks on Bollards to Lil Cal locks. ICC & City of Highland will switch when on site performing work.				
001-010	Need to obtain environmental test reports for diesel spill at NIPSCO yard. ICC will obtain these and re-submit.	Illinois Constructors Corporation	In Progress		
001-011	Mod for dirt quantities needs to be written.	USACE	In Progress		
001-012	All Parts and O & M's have been turned over / submitted for South job.		Closed		
001-013	Pole with meter @ N. Drive pump station needs to be removed. Mike Pipta to have removed.		In Progress		
Lil Cal Stage 6-1 North					
001-014	As-builts - Status - submitted: 12/17/07 - Still needs to be reviewed and certain areas may need to be surveyed and redrawn.	USACE	In Progress		
001-015	Final quantities - Rip rap: all tickets with quantities and summary submitted on 12/20/07(needs to be reviewed) Stone Path: same as rip rap.	USACE	In Progress		
001-016	K&S Report for Levee Crack Investigation - Waiting on report. ICC will submit as soon as this report is finished.	Illinois Constructors Corporation	In Progress		
001-017	Final work to be completed - 1. Set Tide Flex 2. Check sluice/flap gates for touch up paint 3. Rip rap @ Kennedy apt. 4. Landscape damaged areas 5. Spread rip rap @ Krosan lot 6. Dress up path from Kennedy to 7-1C Work to be completed as soon as weather allows (water level goes down)	Illinois Constructors Corporation			
001-018	Mod for Kennedy apts. & Mod for extra Rip rap ICC will resubmit proposal for Kennedy apt. and as built for extra rip rap.		In Progress		
Lil Cal Stage 6-1 North (other issues)					
001-019	Side slope @ Krosan property needs to be reshaped/modified to get off of Krosan's property. LCRBDC will write memo verifying what/how this needs to be modified.		In Progress		
001-020	Path put in to connect to existing trail in wetland area - Will coordinate with Jim Pokrajac (LCRBDC) to shape trail and put in erosion control as directed.				
Cc:	Company Name	Contact Name	Copies	Notes	

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Little Calumet River, Indiana
Stage VI, Phase I – North
As of 28 November 2007
Pre final Insp. Punch List

The following individuals attended the Pre-Final Inspection:

Mr. Curtis Lee USACE
Mr. Rusy Mitcheff ICC
Mr. Tony Frazzini ICC

Levee/Earthwork Construction

1. No Top Soil placed from Structure 7-1C to Kennedy Apt Pump Station.
2. Extend levee @ I-Wall behind Best Western Motel (See contract drawings)

Kennedy Apt Pump Station Outlet

1. Tide Flex @ outlet ?
2. Complete Rip Rap placement

Gate-well Structure 7-1C

1. Repair fencing @ Gatewell Structure
2. Repair I-wall Bar @ Gatewell Structure
3. Sluice Gate must be re-inspected by Hyro-Gate Rep. and deficiencies completed from previous Hyro-Gate Inspection.
4. Concrete blow-out on south wall of structure.
5. Paint operator as per manufactures recommendation.
6. Flap Gate needs Touch-Up Painting as per manufactures recommendation.

Gate-well Structure 175

1. Sluice Gate must be re-inspected by Hyro-Gate Rep. and deficiencies completed from previous Hyro-Gate Inspection.
2. Paint operator as per manufactures recommendation.
3. Flap Gate needs Touch-Up Painting as per manufactures recommendation.
4. Clean outlet slab (Mud and Debris)
5. Complete patch work on wall structure (All four sides)

Gate-well Structure 7-2C

1. Sluice Gate must be re-inspected by Hyro-Gate Rep. and deficiencies completed from previous hyro-gate inspection.
2. Fill in holes around the fence and gate post.
3. Paint operator as per manufactures recommendation.

Outlet Structure 8-3C

1. Flap Gate needs Touch-Up Painting as per manufactures recommendation.
2. Man Hole near structure needs to be sloped to drain.

Outlet Structure 172

1. Flap Gate needs Touch-Up Painting as per manufactures recommendation.
2. Area around M/H 172 needs to be sloped to drain.

Outlet Structure 173

1. Flap Gate needs Touch-Up Painting as per manufactures recommendation.
2. Loose sheet pile cap (3rd cap to the East of the Outlet Structure).

I-wall/Sheet Pile Wall

1. Complete Cap and Bar @ Kennedy Apt. Pump Station.

Landscaping

1. Countless number of Trees needs to be replaced

Recreation Trails, Gates and Paved Trails

1. Install (Little CAL) chains, with locks on swing gates.
2. Rec. Trail is not completed and no compaction test results submitted.
3. Pavement edge cracked along asphalt ramps near fishing pier and Oxbow Park.
4. Fishing pier and Canoe Launch needs Wood Treatment applied.
5. Float needs to be adjusted on the Canoe Launch.
6. Correct length of swing gate near 8-3C and the Gate behind Crane Masters.

Issues/Concerns

1. Still waiting on outcome of Hammond/LCRBC finding on filling in Wetlands at Oxbow Park.
2. Remove all Debris and Unsatisfactory Material from the site.
3. Still need final surveys from ICC/DLZ
4. Additional Rip Rap placed along I-wall near Kosane Property is placed at the expense of the contractor. Extra Rip Rap purchase by the contractor to build a path at outlet 172 In order to place Rip Rap.
5. Remove all temporary signage during clean-up.
6. As-Built Drawing must be submitted.
7. Stage VI-1 North Permanent Roadway Easement @ Hammond Lab. install the 18' double-swing gate along the existing south fence line, approx. 5' East of the Southwest fence corner.
8. The problem with the levee encroachment onto Krosan's property.
9. Need As-Built shots on Rip Rap placement @ from Sta. 8N 26+27 to Sta. 8N 30+36.
10. The contractor must complete the investigation related to levee cracking.

Note: This project cannot be considered substantially complete until the investigation related to levee cracking has been completed. The substantial completion issue will be addressed once a cause and responsible party has been determined for the levee cracking. Also, the assessment of liquidated damages will not be addressed until the levee cracking issue has been resolved.



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

WILLIAM BILLER, Chairman
Governor's Appointment

ROBERT MARSZALEK, Vice Chairman
Governor's Appointment

R. KENT GURLEY, Treasurer
Lake County Commissioners' Appointment

MARK GORDISH, Secretary
Mayor of Hammond's Appointment

ARLENE COLVIN
Mayor of Gary's Appointment

STEVE DAVIS
Dept. of Natural Resources' Appointment

ROBERT HUFFMAN
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

VACANCY
Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

May 5, 2008

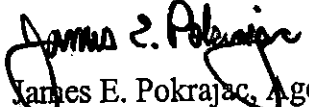
Mr. Dan ^FGraham
B. P. Amoco
28100 Torch Parkway
Warrenville, Illinois 60555

Dear Dane:

Enclosed are the 50% review drawings for our upcoming Stage VII flood protection segment. This segment is located between Northcote Avenue and Columbia Avenue, along both sides of the Little Calumet River. BP Amoco has a regulator station just east of Columbia Avenue with three (3) distribution lines that will cross our lines of protection in several areas. The Development Commission as already submitted the Uniform Offer and easement agreements to your company. The signing of these agreements was pending upon your engineering review and concurrence of what the Army Corps is proposing. When you complete your engineering review and you are satisfied with the Army corps response and design, please let me know and proceed to work with Marcie Foster, who has been the person we are coordinating with to get these agreements signed. Will you please review these plans and specifications and submit your comments back no later than May 16, 2008. The Army Corps submitted a letter of transmittal, which is also enclosed, directing you to submit your comments to their "Dr. Checks" format. If you cannot access this format, please submit your comments to me in writing and I will assure that the Army Corps will get your input.

If you have any questions regarding this request, or would like a field visit to review these plans, please let me know and I will help you facilitate this request.

Sincerely,


James E. Pokrajac, Agent
Engineering/Land Management

/encl.

cc: Marcie Foster, *BP Amoco*
Imad Samara, *Army Corps*
Matt Cunningham, *Army Corps*
Lou Casale, Judy Vamos, *LCRBDC*

LCR Stage 7 Project
May 19, 2008 50% BCOE Meeting Agenda

9:30 a.m. to 10:30 a.m. Design Issues

- (Sheldon) Explain reason for wanting Riverside access ramps? Locations?
- (Matt) Discuss Possible Haul Routes
- (Matt) Discuss Recreational Trail Layout, Review selected locations along 50% alignment.
- (Sheldon) Review the Current QCP Schedule

10:30 a.m. to 12:00 p.m. Site Visit

12:00 p.m. to 1:30 p.m. Lunch

1:30 p.m. to 3:00 p.m. Meeting with Utility Owners

3:00 p.m. Corps Personnel leaves for the District Office

Jim Pokrajac

From: "Cunningham, Matthew W LRC" <matthew.w.cunningham@usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Tuesday, May 27, 2008 10:33 AM
Subject: LCR Gatewell 7-Alpha is now part of LCR Stage 7 Floodwall (UNCLASSIFIED)

Classification: UNCLASSIFIED
 Caveats: NONE

Jim,

The work for LCR Gatewell 7-Alpha is now going to be included with LCR Stage 7 Floodwall.

Matt

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
 Sent: Monday, May 26, 2008 11:49 AM
 To: Cunningham, Matthew W LRC
 Subject: Re: LCR Gatewell 7-Alpha "Trail Closed" Signs (UNCLASSIFIED)

Matt,

I remember that somewhere I received information that Stage VII - Alpha is now part of Stage VII. Maybe I got something in the form of an e-mail, but I can't find it. Would you please send me something indicating that this is so?

Thanks,

Jim

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

From: "Cunningham, Matthew W LRC" <matthew.w.cunningham@usace.army.mil>
 To: "Jim Pokrajac" <jpokrajac@nirpc.org>
 Cc: "Edd, Sheldon D LRC" <Sheldon.D.Edd@usace.army.mil>
 Sent: Tuesday, May 06, 2008 3:18 PM
 Subject: RE: LCR Gatewell 7-Alpha "Trail Closed" Signs (UNCLASSIFIED)

Classification: UNCLASSIFIED
 Caveats: NONE

Jim,

Some questions you ask below I cannot answer. But I can update you on Gatewell 7-Alpha. Right now we are in communication with a contractor about the bid on the project. All I can tell you is that the Corps might not be able to award this contract like originally planned. If that happens the

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5/28/2008

Corps plans to include the 7-Alpha design work in the Stage 7 plans since it is really the same project anyway. So I don't have an updated schedule or anything. You can just check back with me later.

Thanks

Matt

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Tuesday, May 06, 2008 3:28 PM
To: Cunningham, Matthew W LRC
Cc: Edd, Sheldon D LRC
Subject: Re: LCR Gatewell 7-Alpha "Trail Closed" Signs (UNCLASSIFIED)

I know this is an oldie but a goodie. What is the current schedule. Is there going to be a pre-construction meeting. When is work going to start and be completed? With reference to signage, can you give me some exact wording, I could get the signs made. By the way, I tried contacting the Scout troop that did the trail and the number was disconnected. I have had no luck trying to inform them of our upcoming construction. Just let me know what the schedule is and maybe we could even do a site visit to address some of the particulars.

Could you tell me at what stage of any contract the corps includes that project on the Monthly Construction Status Report? Is it listed with all the data, money, scheduling, etc. prior to the start for information purposes.

Thanks,

Jim

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

From: "Cunningham, Matthew W LRC" <matthew.w.cunningham@usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Cc: "Cunningham, Matthew W LRC" <matthew.w.cunningham@usace.army.mil>
Sent: Monday, March 03, 2008 4:44 PM
Subject: LCR Gatewell 7-Alpha "Trail Closed" Signs (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Jim,

This is just a follow up message to our telephone conversion about the signs.

We will need you to provide 2 signs and posts which indicate the recreation trail is closed. The signs should read as follows, "THE RECREATIONAL TRAIL IS CLOSED UNTIL FURTHER NOTICE.". The sign language should be coordinated

Jim Pokrajac

From: "Dean Button" <dbutton@sehinc.com>
To: <jpokrajac@nirpc.org>
Sent: Wednesday, May 21, 2008 3:48 PM
Attach: UtilityListR5.xls
Subject: Stage VIII Utilities

Dear Jim:

Attached please find a spreadsheet describing the underground utilities within the project that we are working on variances or relocation plans. It looks like the three things we need to do are: 1) meet/discuss two crossings with NIPSCO, 2) meet/discuss three crossings with Munster water and 3) complete the daylighting work on the locations that Greg H. is working on. Then we should be able to get back with the Corps on the variances/relocations. I'm hopeful that there will only be one big problem and that is the gas line near Columbia Avenue. Hopefully we'll be able to answer several of the questions just by talking to the utilities - although Munster water is certainly the more difficult one for me. Hopefully Frank Janosi can assist with information/costs to relocate the gas line, because that seems to make the most sense. Then we should have what we need to give to the Corps. I don't think we're that far off to get this done, especially if Greg at Garcia can help with the uncovering of some utilities.

Hopefully this will give you some relief. This stage really has been a difficult one.

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



Please consider your effect on the environment before printing this email and/or attachments.

UNDERGROUND LINES

Utility No.	Owner	Project Station	Type	Diam (inches)	Description	Locals Proposed Action	Type	Criteria for leaving existing pipelines in foundations of proposed levees						Criteria met	Criteria not met	Criteria to be checked	Comment
								1	2	3	4	5	6				
200	NIPSCO	SR 1	Gas	2"	GAS LINE ON RIVER DRIVE	VARIANCE	Pressure		No overburden		Yes	NA		2, 4		1, 3, 6	Contact NIPSCO, daylight
33	MWW	SR 1	Water	UNK	EXISTING LINE CROSSES THROUGH/UNDER LEVEE,	CONSIDER VARIANCE	Pressure		No overburden		Yes	NA		2, 4		1, 3, 6	Contact MWW, daylight
097A	HSD	NR 1	Combined Sewer	12	EXISTING LINE CROSSES THROUGH/UNDER LEVEE, US	VARIANCE, INVERT ELEVATION AT 588.66	Pressure	Yes	Yes	Yes	Yes	NA		1, 2, 3, 4		6	Contact HSD, daylight
097B	HSD	SR 1	Combined Sewer	12	EXISTING LINE CROSSES THROUGH LEVEE, S OF	VARIANCE, INVERT ELEVATION AT 588.66	Pressure	Yes	Yes	Yes	Yes	NA		1, 2, 3, 4		6	Contact HSD, daylight
102	HSD	SR 1	Combined Sewer	30	NEW 30" SEWER, S OF RIVER, E OF PUMP STATION	VARIANCE, INVERT ELEVATION AT 584.40	Gravity	Yes	Yes	Yes	NA	Yes	No - deep	All			Approve
208	HSD	NR 1	Combined Sewer	VARIOUS	EXISTING INVERTED SIPHON (NEW)	VARIANCE, INVERT ELEVATION 561+/-	Gravity	Yes	Yes	Yes	NA	Yes	No - deep	All			Approve
089A	HSD	NR 1	Combined Sewer	18	EXISTING 18" INTERCEPTOR SEWER THROUGH NORTH	VARIANCE, N INVERT ELEVATION 582.15	Gravity	Yes	No	No	NA	Yes	No - deep	1, 5, 6	2, 3		Recommend lining of pipe
089A	HSD	NR 1	Combined Sewer	18	EXISTING LINE CROSSES UNDER LEVEE, E OF RIVER,	VARIANCE, S INVERT ELEVATION 581.35	Gravity	Yes	No	No	NA	Yes	No - deep	1, 5, 6	2, 3		Recommend lining of pipe
87	MWW	NR 2	Water	18	EXISTING LINE, N OF RIVER	EXTEND FLOODWALL TO BRIDGE PIPE	Pressure			NA - Floodwall	Yes	NA		3, 4		1, 2, 6	Contact MWW, daylight
88	MWW	NR 3	Water	12	EXISTING LINE, EAST OF CALUMET STREET BRIDGE, N	CONSIDER VARIANCE	Pressure	Yes	No overburden	NA - Mounted to Bridge	Yes	NA		1, 2, 3, 4		6	Contact MWW, daylight?
017A	NIPSCO	NR 3	Gas	12	EXISTING LINE WEST OF	VARIANCE/PROTECT	Pressure				Yes	NA		4		1, 2, 3, 6	Contact NIPSCO, daylight
18	HSD	NR 3	Combined Sewer	30	EXISTING LINE, W OF COLUMBIA AVENUE BRIDGE,	VARIANCE, N IE 575.17, S IE 575.55	Gravity	Yes	Yes	Yes	NA	Yes	No - deep	All			Approve

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Jim Pokrajac

From: "Dean Button" <dbutton@sehinc.com>
To: "Lewandowski, Frank T LRB" <Frank.T.Lewandowski@usace.army.mil>
Cc: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>; <jpokrajac@nirpc.org>
Sent: Thursday, May 22, 2008 5:16 PM
Attach: gravity crossings_20080522112511.pdf
Subject: Gravity sewer crossings for Stage VIII

Frank:

Attached please find the plan and profiles of each of the gravity crossings of the LCR levees for Stage VIII. I have concern over the first two drawings.

1) The existing 30" sanitary sewer crossing west of Columbia Avenue. It appears that the flood wall goes right through the existing manhole and that the floodwall will have to bridge the existing gravity sewer on the south bank of the LCR. It would help if the flood wall could be moved north to avoid the existing manhole and the sewer be bridged. I know you were discussing today about changing to floodwall on the north side. The sanitary sewer would need to be bridged there too as can be seen on the plan and profile of the sewer.

2) The 18" clay pipe near the NICTD tracks. This is going to require the installation of a liner for the pipe to protect the brittle clay pipe from construction activities. This pipe is know to be in good condition. My question here is: Is the pipe sufficiently deep enough to be below the foundation of the levee that we would not need to perform a visual inspection of the pipe to determine if the proper backfill is in place? Meaning the criteria requiring pervious fill to be installed on the one-third landward side of the levee. Further, is the Corps going to require the manholes interior to the levee to be raised above the flood elevation or that the lids be provided with watertight bolt-down lids?

3) The new 30" sewer installed in 2007 adjacent to the Hohman-Munster Pump Station. Similarly, is the pipe sufficiently deep enough to be below the foundation of the levee that we would not need to perform a visual inspection of the pipe to determine if the proper backfill is in place?

4) The triple-barrelled inverted siphon installed in 2007 crossing the LCR. Again, is the pipe sufficiently deep enough to be below the foundation of the levee that we would not need to perform a visual inspection of the pipe to determine if the proper backfill is in place?

Thanks,
db

Jim Pokrajac

From: "Dean Button" <dbutton@sehinc.com>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Friday, May 23, 2008 11:05 AM
Attach: UtilityListR5.xls
Subject: utility summary

Here's the most updated list. Actually it is the same one I sent previously, just the other tab. This one will open to the tab that shows all the utilities.
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



Please consider your effect on the environment before printing this email and/or attachments.

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <chris.beck@nictd.com>
Cc: <frank.t.lewandowski@usace.army.mil>; "Imad Samara" <Imad.Samara@usace.army.mil>; <dgardner@nirpc.org>; "Lou Casale" <lcasale@cwblawfirm.com>; <jvamos@nirpc.org>; <glh@garcia-consulting.com>
Sent: Thursday, May 29, 2008 10:58 AM
Attach: S03.pdf; S03.pdf
Subject: Fw: Little Cal Levee @ NICTD Crossing

Chris,

Does this response from Frank Lewandowski from the Buffalo Corps adequately address your concerns. Attached are the corresponding drawings.

Thanks,

Jim Pokrajac

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

From: Lewandowski, Frank T LRB
To: Jim Pokrajac ; Samara, Imad LRC
Cc: dgardner@nirpc.org ; Lou Casale ; jvamos@nirpc.org ; glh@garcia-consulting.com
Sent: Thursday, May 29, 2008 9:17 AM
Subject: RE: Little Cal Levee @ NICTD Crossing

Jim,

Please see the two attached Stage 8 contract drawings. The profile on Sheet S-02 shows the sheet pile cutoff wall with a top elevation of 600.0 under the railroad embankment (see part circled in red). The profile on Sheet S-03 shows the end of the sheet pile cutoff wall with a top elevation of 600.0 and the start of the concrete/sheet pile I-wall with a top elevation of 601.0 at Station 0+00 N2 (see part circled in red). There is a note on the Sheet S-03 that the location of the end of the 600.0 sheet pile cutoff wall and start of the 601.0 I-wall may be adjusted in the field by the Contracting Officer's Representative to avoid the railroad tracks. So if during construction, NICTD can provide the precise location where the edge of their work requiring a wall no higher than 600 is, we will have provisions in the contract to field locate the 600 to 601 top of wall change to assure the higher wall will not effect their future work.

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Thursday, May 29, 2008 10:06 AM
To: Samara, Imad LRC; Lewandowski, Frank T LRB
Cc: dgardner@nirpc.org; Lou Casale; jvamos@nirpc.org; glh@garcia-consulting.com
Subject: Fw: Little Cal Levee @ NICTD Crossing

Imad/Frank,

Could you provide the written information requested by Chris Beck from NICTD? It appears that we are real close to getting them to sign the easement agreement.

Thanks,

Jim Pokrajac

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

From: Chris Beck

To: glh@garcia-consulting.com

Cc: Bruce Thevenin ; Jim Pokrajac ; John Parsons

Sent: Wednesday, May 28, 2008 2:40 PM

Subject: Re: Little Cal Levee @ NICTD Crossing

I now have everything to evaluate the impact with the proposed levy. Based on your cross sections and plan views it appears that the profile and proposed elevation of the top of the levy will have very little impact on future rail operations. Drainage of the track bed shoulder would be interrupted but it could be accommodated using a sloped subgrade under the track sub-ballast.

We still need written confirmation from Little Calumet River Basin (LCRB) that top of floodwall will be at elevation 600.00 and we need justification for amount of easement LCRB is requesting. Once these items are received I will recommend to our real estate department that easement agreement be executed.

Christopher Beck
Chief Engineer: Track & Structures
NICTD
601 N. Roeske Avenue
Michigan City, IN 46360
(219)874-4221 ext. 268

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

From: Gregg Heinzman

To: Chris Beck

Cc: Jim Pokrajac

Sent: Wednesday, May 28, 2008 1:42 PM

Subject: Little Cal Levee @ NICTD Crossing

Chris,

Do you have everything you need from me regarding the Little Cal project?
Please let Jim Pokrajac know if you have any further comments or questions.

Gregg L. Heinzman PE SE LS
Senior Vice President

Garcia Consulting Engineers

7501 Indianapolis Boulevard 219.989.1954
Hammond, IN 46324 Fax: 219.989.3321

From: Gregg Heinzman [<mailto:glh@garcia-consulting.com>]

Sent: Friday, May 23, 2008 2:47 PM

To: 'Chris Beck'

Subject: RE: Little Cal

Chris,

Did you get the paper copies from the Hammond Station?

Dan Gardner

From: "Lisa A Berdine" <lisaberdine@aol.com>
To: <dgardner@nirpc.org>; <turchanym@gohammond.com>
Sent: Wednesday, May 21, 2008 1:44 PM
Subject: Meeting at Riverside Park (Hammond) regarding Easements

Dan,

Per my conversation with Pat Moore, I am requesting that a short meeting be held on the Riverside Park site to determine the boundaries of the easements for the staging area. Please let me know what day and time would work best for you. Also, Michelle Turchany is Pat Moore's secretary and I have copied her on this email in order to coordinate the meeting. Thank you.

Lisa Berdine

Law Office of Lisa A. Berdine
5268 Hohman Avenue
Hammond, Indiana 46320
Phone: 219.933.0248
Fax: 219.933.2683

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Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

WILLIAM BILLER, Chairman
Governor's Appointment

ROBERT MARSZALEK, Vice Chairman
Governor's Appointment

R. KENT GURLEY, Treasurer
Lake County Commissioners' Appointment

MARK GORDISH, Secretary
Mayor of Hammond's Appointment

ARLENE COLVIN
Mayor of Gary's Appointment

STEVE DAVIS
Dept. of Natural Resources' Appointment

ROBERT HUFFMAN
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

VACANCY
Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

May 22, 2008

Mr. Terry L. Cheek
President
TLC PLUMBING, INC.
P. O. Box 429
Griffith, Indiana 46319

Dear Mr. Cheek:

Enclosed please find two (2) copies of the agreement between TLC PLUMBING Company and the Little Calumet River Basin Development Commission for providing daylighting services west of Columbia Avenue and north of the Little Calumet River in Hammond, IN.

If agreeable to all terms, please sign both copies, keeping one for yourself and returning one to this office. Upon receipt of the signed copy, please consider this letter as your notice to proceed. If you have any questions regarding this work, please call.

Sincerely,

James E. Pokrajac, Agent
Engineering/ Land Management

/sjm
encl.

**QUOTES FOR DAYLIGHTING WILL BE PROVIDED
AT THE COMMISSION MEETING**

Jim Pokrajac

From: "Ott, Monica A LRC" <Monica.A.Ott@usace.army.mil>
To: <jpokrajac@nirpc.org>
Cc: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
Sent: Thursday, May 01, 2008 2:44 PM
Subject: RE: Little Cal, Pumps Rehab, Phase 2A - Schedule (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Jim,

Correction--proposals (not bids) are currently due in May. Depending on when we receive questions from planholders and if they require issuance of an amendment to the solicitation (Request for Proposal) and the timing of the amendment issuance, the proposal due date may be extended to June. Currently we still plan to award the construction contract by end of June.

Please call if questions.

Thank you,

Monica

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

From: Ott, Monica A LRC
Sent: Thursday, May 01, 2008 2:41 PM
To: Jim Pokrajac (jpokrajac@nirpc.org)
Cc: Samara, Imad LRC
Subject: Little Cal, Pumps Rehab, Phase 2A - Schedule (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Jim,

In response to your question about the Phase 2A schedule, the design was completed in March, the solicitation was advertised in April and the bids are due in May. We expect to award the construction contract by 30 June 2008. The Notice to Proceed (NTP) is typically issued a few weeks after award. The contract will require construction completion 340 calendar days after NTP, although this may be extended if there are any modifications issued that require additional time.

Please let Imad or me know if you have any other questions.

Thank you,

Monica Ott

Jim Pokrajac

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: <dgardner@nirpc.org>
Cc: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Thursday, May 15, 2008 11:11 AM
Attach: S35 precast.pdf; S34 precast.pdf
Subject: FW: Precast Wall Sheets (UNCLASSIFIED)

<<S35 precast.pdf>> <<S34 precast.pdf>>

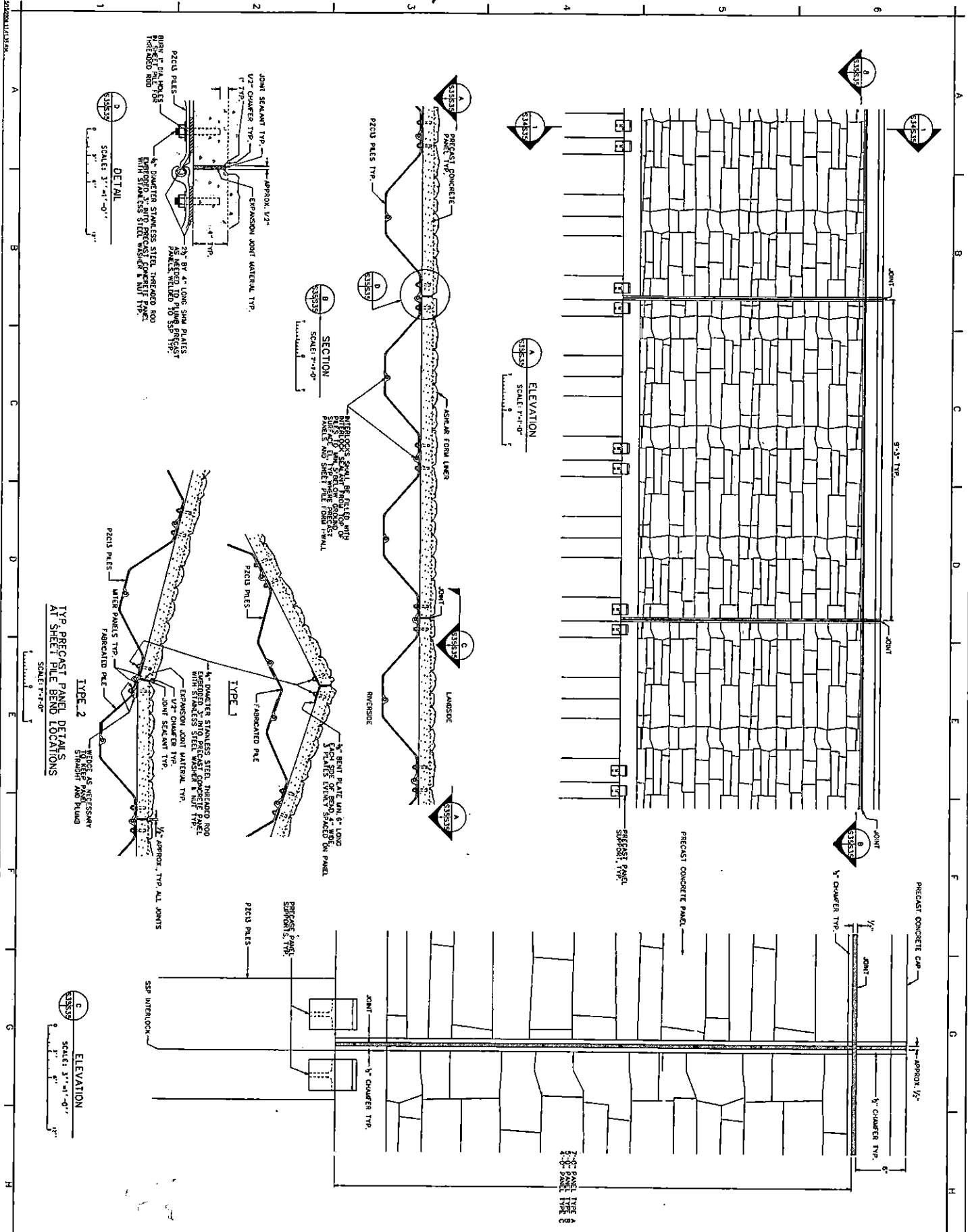
Dan here are the details for the precast panels that the contractor will be bidding on stage VIII and will be incorporated in Stage VII. I

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: Thursday, May 15, 2008 10:44 AM
To: Samara, Imad LRC
Subject: Precast Wall Sheets

6560 Waverly Dr. 4712700411/4125 Ave



LITTLE CALUMET RIVER, INDIANA
LOCAL FLOOD PROTECTION
STAGE VIII
I-WALL WITH PRECAST
PANEL & CAP
ELEVATIONS AND SECTIONS

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK

DESIGNED BY: DOT	DATE: APRIL 2008
DRAWN BY: DOT	SCALE: AS SHOWN
CHECKED BY: FTL	SOLICITATION NUMBER: W912PB-08-B-0005
FRANK LEWANDOWSKI PE 04/28/08	
SUBMITTED BY:	DATE:

[illegible]

US Army Corps
of Engineers
Chicago District

SHEET
REFERENCE
NUMBER:
S-35
SHEET NO. OF 100

PLOT DATE: 08/04/85
 FROM: BFL/DUMER



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

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Governor's Appointment

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Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

May 6, 2008

Mr. Steve Enger
8248 Hawthorne Drive
Munster, Indiana 46321

Dear Steve:

Enclosed is a copy of a memorandum of response from the Army Corps of Engineers regarding your letter to Jim Pokrajac dated March 30, 2008. The letter concerned issues regarding the Stage V Phase 2 construction, particularly in the area west of Hart Ditch going northward, thence west, to Northcote Avenue. I have enclosed a copy of this memorandum dated April 25, 2008 as addressed by Imad Samara, Chicago District Army Corps project manager, for the Little Calumet River flood protection project. I hope that his response satisfies the answers you have been looking for regarding your request. If you have any further technical questions, please send them directly to Jim Pokrajac, Engineering agent for the Commission. As you know, the Chicago District Corps are the designers, construction overseers, and facilitators of the contract; but we are the local point of contact. Thank you for your interest.

Sincerely,

Dan Gardner
Executive Director

/s/jm
Encl.
cc:

Imad Samara, ACOE
Kelsey Lavicka, ACOE
Sheldon Edd, ACOE
Doug Anderson, ACOE
James Pokrajac, LCRBDC



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

REPLY TO
ATTENTION OF

CELRC-PM-PM

25 April 2008

MEMORANDUM OF RESPONSE

SUBJECT: RESPONSE TO LETTER FROM LOCAL RESIDENT OF MUNSTER INDIANA
CONCERNING LITTLE CALUMET RIVER STAGE 5-2 CONSTRUCTION

Dan Gardner
LCRBDC
6100 Southport Road
Portage, IN, 46368
(219)763-0696

This letter response to a letter forwarded by you to USACE-Chicago District from a local resident dated 30 March 2008 concerning the Little Calumet River Flood Control Project Stage 5-2. As was discussed in numerous meetings and several letters USACE-Chicago District has a financial responsibility to the Federal taxpayer that such taxes dollars that are allocated to a project are used in the best and most efficient manner to achieve project goals. In these meetings and letters the Chicago District indicated to local residents that a levee is the best fit for the area of concern from the letter and that sheet pile wall is an additional expense. We did offer to do a sheet pile wall as betterment at the local government or sponsors cost, but it was decided that was not possible by both parties. To further address the memorandum of 21 Aug 2006 from the Corp of Engineers that was mentioned in the resident's letter, it was intend to record the discussions being held and was not a binding document, but to address the resident's concerns please see below.

1. Sheet C-11 "Plan and Profile" STA. 5S 6+40 to 5S 6+83 with a levee slope 2.5H:1.0V was changed to a slope of 2.0H:1.0V in an attempt to save two additional mature trees at that location by achieve the Corp stand off of 15' from the toe of the levee at the request of local residents and local government. The Town of Munster was informed of this change and the reason behind it in a phone conference. The Town of Munster will have to under take, at it own expense, a planting zone at that location with Corp approval in the future due to this requested change. Any other Stations where the slope is less than 4H:1.0V is due to site constrains.
2. Planting and vegetation will be as per the memorandum for record dated 21 August 2006, which you attached to your letter, item 3a "COE will establish turf-grass as the predominate ground cover for the levee and to the extent of budgeting allowed will plant replacement trees in the planting zone." and 2b "The City of Munster agreed to the plan and stipulated that they were willing to do a phased planting of tree to replace the removed trees. The City of Munster also agreed to coordinate with COE to ensure that any trees planted within the

12
levee planting zone met with COE regulations for planting zones and were placed in a coordinated manner to allow ease of maintenance of the levee and foliage."

3. Item 3 the Corp of engineers is unable to discuss as such agreement was between the Hart Ditch neighborhood and the Little Calumet River Basin Commission.

Thank you for your concern and please address any further questions about this matter to the Point of Contact listed below.

POC for above memorandum is CPT Lavicka at 312-846-5563
Kelsey.W.Lavicka@usace.army.mil



Imad Samara
Project Manager
Little Calumet Flood Control Project

Attached

Attachment A-Overhead of Stations 5S 6+40 to 5S 6+83

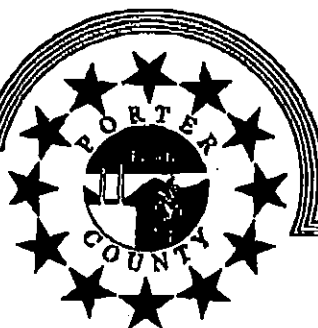
Attachment B-Overhead of Stations 5S 11+00 to 5S 23+00

COUNTY - PORTER

NORTH DISTRICT
JOHN A. EVANS
(219) 465-3361

CENTER DISTRICT
ROBERT P. HARPER
(219) 465-3354

SOUTH DISTRICT
CAROLE M. KNABLOCK
(219) 465-3349



BOARD OF COMMISSIONERS

PORTER COUNTY ADMINISTRATION CENTER
155 INDIANA AVE. • SUITE 205
VALPARAISO, INDIANA 46383

(219) 465-3440
FAX: (219) 465-3362

May13, 2008

David Burrus
251 S. 500 E.
Valparaiso, IN. 46383

Dear Dave:

The Porter County Board of Commissioners unanimously appointed you to serve on the Little Calumet River Commission at their meeting held on April 8, 2008.

Please contact Dan Gardner, Executive Director of the Little Calumet River Commission at 763-6060 for meeting dates, times and location.

If you have any questions or concerns, please feel free to call our office.

Respectfully,
Board of Commissioners

Robert P. Harper, President

RPH/mh

Dan Gardner

From: "mike zarantonello" <mzar59@hotmail.com>
To: <dgardner@nirpc.org>; <imad.samara@lrc02.usace.army.mil>
Sent: Monday, June 09, 2008 1:15 PM
Subject: Meeting follow up

From: mzar59@hotmail.com
To: ckutkoski@hotmail.com; kmlorenz@kotecki-turek.com; rmores@kellypipe.com
Subject:
Date: Mon, 9 Jun 2008 12:53:28 -0500

Mr. Gardner,

my letter today is a follow up to the June 2008 Commission meeting.

There is confusion about the size and location of the easement, relative to the center of the line of protection, in our yard. I asked why it had to be 25+ feet. Mr. Samara disagreed with my assertion and said that the revised plans would not cause us to lose our shed and that the surveys of 4/30 and 5/30 by Garcia must be incorrect. He also said that the easements would be 15 feet.

The land acquisition offer, which you said was consistent with the final plan, shows that on the eastern boundary of our yard the c-line of protection is at the end of our property line and that the easement is 25.46 feet. The plan clearly shows the shed in the easement and the offer pays for the loss of the shed. This is also depicted on plan sheet C-05, rev. date 1/2008 which was supplied by Garcia, as well as, C-05 rev. date 5/2008 which the commission supplied at the meeting.

I ask that the Corp and the commission review the plans to confirm the 25+ foot easement and answer my question as to why it had to be so large.

Speaking solely for myself, this confusion coupled with other inconsistencies has shaken my confidence that you will do the best job you can in our backyard. I remind you that Mr. Samara also said the survey in the fall of 2007 was incorrect, but it clearly was in sync with the plans provided by the Corp.

We spoke at the meeting about HR 3121 and that it required that those who are protected by a levee will have to pay flood insurance. Mr. Samara said that the Corp never promised flood insurance relief. They only promise to take people out of the flood plain. I ask that the commission make a statement as to the difference between the two and how this will affect the residents along the project.

I also asked about the Cabelas berm. Can you please tell us when the Corp and Cabelas consulted to design the berm to be Corp certified. We never received a clear answer on how the gaps along this berm would be treated to complete the continuous line of protection on the northern tie back.

Referring again to plan sheet C-05, a rip rap window is required from station 5 + 20 to 9 + 40. Rip rap is an application of rock or crushed concrete placed on a bank to prevent wave erosion.

6/12/2008

It was stated in previous conversations that trees on the river side of the levee would remain, however, the use of rip rap would not allow this. Is it true that all trees on the river bank would be clear cut for the rip rap? Where else will rip rap be used along Southmoor, including the south river bank? It should be pointed out that the resident wild life will be unable to graze the river bank if rip rap is applied.

I hope that you will make it a top priority to address these issues. I look forward to your response,

Mike Zarantonello

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OPERATION AND MAINTENANCE REPORT

For meeting on Wednesday, June 4, 2008

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

Report period is from May 1 – May 29, 2008)

GENERAL SUMMARIZATION (EAST REACH TURNOVER)

1. An O&M Funding Committee meeting was held on March 12, 2008 to review upcoming and project expenditures
 - A summary status report was put together on March 11, 2008 indicating what has been turned over, what the LCRBDC is doing with flood control items not turned over, and including partial turnovers have been executed.
 - Committee waiting for Army Corps schedule for construction to present to Umbaugh to discuss funding options for cities and towns to perform O&M functions for compliance.
2. 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.
 - Mailed handouts of this meeting to Geraldine Tousant (Deputy Mayor), Gwen Malone (Public Works Director), and Luci Horton (GSD Director) on September 6, 2006.
3. A follow-up memo was sent to Gary, Hammond, and Highland requesting comments and review of the draft Corps O&M manuals for their respective communities on March 25, 2008. **(No response from any municipality as of May 30, 2008)**
 - The previous memo was submitted, along with the manuals, for review on September 7, 2007.
 - Their comments will then be addressed by the Corps and individual meetings would be held with each community for implementation.
 - **An emergency evacuation plan for the city of Gary was submitted to the LCRBDC on May 22, 2008 for our information (Submitted by Joe Leavy – Gary Emergency Response Representative)**

4. Inspections for 2008 will be tentatively scheduled for all features before the end of the Army Corps 3rd quarter (June, 2008)
- Most recent inspections in Gary, Griffith, and Highland in 2007 were held with the Corps, LCRBDC, and representatives from each municipality
 - Levees and floodwalls (August 13, 14, 15) – Completed (Received Corps report and LCRBDC has combined municipal, Corps, & LCRBDC reports into one)
 - Pump stations (September 4 & 5) – Completed (Received Corps report and LCRBDC has combined municipal, Corps, & LCRBDC reports into one)
 - Sluice gates and flap gates were held on October 10 and 11 in Gary; and on October 25, 2007 in Griffith.
 - An email was sent to the Corps on April 27, 2008 requesting scheduling of inspections soon to avoid additional costs by LCRBDC to repair, remediate, or clean features currently in compliance.
 - **An email was sent by the Corps on May 16 suggesting the postponement of inspections with the Army corps design team until the end of July or early August to assure Stage VII & Stage VIII get to advertising.**

3

OPERATION AND MAINTENANCE BREAKDOWN STATUS

A. PUMP STATION TURNOVER

1. Six (6) pump stations will be turned over to Gary. These include Burr Street, Grant, Broadway, and Ironwood. It also includes two (2) lift stations at 32nd & Cleveland and Marshalltown.
2. An inspection of the six (6) pump stations in Gary was held on September 4 & 5, 2007 with the COE, representatives from Gary, and the LCRBDC.
 - Currently, all (6) stations are operational and will be re-inspected before the end of June 2008.
 - Until O&M is turned over, the LCRBDC is responsible for their operation.
3. Survey work for the six (6) pump stations has been completed and was provided to the LCRBDC attorney on March 23, 2007, and will require coordination with the city of Gary attorney as part of the O&M turnover. (Ongoing)
4. **With the suggestion of postponing the inspections until the end of July or early August, Austgen was directed to monitor pump station gates and intake screens to assure their designed operation.**

4

B. SLUICE GATE/FLAP GATE TURNOVER

1. General Note: There are a total of 51 different closure areas in the East Reach.
 - Gary (41 sluice gates/41 flap gates)
 - Griffith (4 sluice gates/4 flap gates)
 - INDOT (6 sluice gates/6 flap gates)
 - INDOT gates were included as part of this inspection
 - Griffith gates were inspected on October 25, 2007 as part of the overall O&M turnover to Griffith

2. Sluice/Flap Gate Clean-up & Repairs

- Received a summarization table from Austgen Electric on **May 9, 2008** indicating the status of all (17) different locations. (13) are completed, (2) are partially completed, and (2) are scheduled to be done shortly.
 - **Water levels of the river need to go down to help complete these last 4 items**
3. Prior to the most recent storms of late August, 2007, the LCRBDC had completed cleaning and remediation of most of the features in Gary.
- After the storm, many flap gates were stuck open again. This will all have to be done again at an additional cost.
 - Low bid from Austgen Electric to do this work was \$60,529.00 for (17) locations. Awarded December 26, 2007. Work being done in 2008.

C. LEVEE, I-WALL TURNOVER

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

D. TRANSFER OF EXCESS LANDS TO CITY OF GARY (Lands will not be transferred until city of Gary signs off on acceptance of O&M responsibility)

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

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 are stored on GSD facilities in November 2005.
- A re-inventory will be done to get a current list of what is stored at GSD.

F. GRIFFITH – O&M TURNOVER (GENERAL)

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

GENERAL SUMMARIZATION (WEST REACH TURNOVER)

A. North 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
 - Turned over (2) sets of “as-built” drawings to the town of Highland along with a set of Volumes 1 & 2 of the Operation & Maintenance Manual on March 23, 2007
3. Training, spare parts, and final testing was completed in late July, 2007 and a coordination meeting was held with Highland to begin the O&M turnover process.
4. Minor items of construction need to be completed prior to final turnover.

EMERGENCY RESPONSE COORDINATION

General:

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

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

A. Acceptance of Emergency Response by each project municipality

1. A meeting will be scheduled in June 2008 with the COE, LCRBDC, USGS, the National Weather Service, and representatives from all five (5) communities.

- COE requires turnover, and sign-off, by each municipality to assume responsibility for their community to comply with COE plan during a flood, and to submit a plan as part of their overall community emergency response plan.
- 2. Post and panel closures at Chase Street along the north line of protection and on 35th Street along the south line of protection are impractical to install during a flood event.
 - There is a possibility that the Corps will modify these closures for easier installation as part of the 27th & Chase Street drainage contract.
- B. Coordination with INDOT after late August 2007 floods impacting Kennedy Avenue and Indianapolis Blvd.
 1. An initial meeting was held with INDOT, Earth Tech (INDOT consultant), Corps, and the LCRBDC on September 17, 2007 to discuss future impacts, emergency response coordination, and action plans.
 - INDOT submitted request to Hammond (copies the Corps) on October 22, to replace the existing flap gate with a "duckbill" gate at both Kennedy Avenue and Indianapolis Blvd.
 - INDOT submitted a letter to the LCRBDC and copied the Corps on March 10, 2008 (received March 17, 2008) requesting written permission from the LCRBDC to replace (2) existing flap gates (east of Kennedy, north of river, and east of Indianapolis Blvd, north of river) with Tideflex "duckbill" flood valves.
 - LCRBDC sent an email to the Corps on March 18, 2008 requesting that they had reviewed, and approved, the drawings for installing "duckbill" gates for assurance of compliance with Corps requirements.
 2. A meeting was held with INDOT, Earth Tech, Garcia L E, and the LCRBDC on October 11, 2007 to discuss surveying and tying in Corps and INDOT surveys that show culvert, ditch, levee, highway, and roadways.
 - LCRBDC will establish a mark in the vicinity of the flap gate as to when to close sluice gate. (Ongoing)
 - Waiting for Corps response to March 18, 2008 email.(Ongoing)

MISCELLANEOUS

- A. Received a letter and prints from GRW Engineers, Inc. on February 19, 2007 requesting coordination, and easements on LCRBDC property (where flood protection has been completed west of Grant Street) to install a pump station and 30" water line to expand water service in Lake County.
 1. This will be the responsibility of the LCRBDC in the future, after all construction is completed, to coordinate any construction, easements, agreements, as part of the O&M turnover.
 2. Met with GRW on June 28, 2007 (Doug Corey) and reviewed their modified plans, real estate requirements, and did a site visit for field familiarization.
 - LCRBDC submitted a summarization of the upcoming coordination

required with them, the Corps, and the LCRBDC.

3. LCRBDC received a "denial notice for construction in a floodway" from the IDNR on September 28, 2007
 - Reasons for denial listed
 - Email questioning status sent to GRW on October 27, 2007
 4. Received a call from GRW on March 17, 2008 indicating they will be re-applying and they will provide a letter requesting procedural information, and also re-submitting their latest design. (Ongoing)
 5. **Received an email from GRW on May 8, 2008 indicating that they would like to start work on lands they have easements upon and would like to work with us to get Chicago Corps approval, then obtain easements from us.**
 - **LCRBDC had a call with their engineer and explained several issues had to be resolved prior to us signing any agreements (Need Corps review approval, need to assure no problem with a directional bore in this area for impacts to improvements for wetland enhancements, and would need appraisal of land to make us an offer)**
- B. At the request of the LCRBDC, regarding Stage VIII, the Corps agreed to provide (4) electric sluice gate operators.
- These can be used by Hammond and Munster during emergency response operations for closing sluice gates during floods.

City Of Gary

Emergency Evacuation Plan

The City Of Gary has developed a plan to evacuate the vast majority of its residents, visitors and workforce in times of emergency. The color coded map indicates the different Quadrants of the city and evacuation routes. The following guidelines and concepts define the scope of the evacuation plan.

Notification: The Mayor of the City of Gary or designee will order an evacuation based on current conditions and recommendations from emergency response personnel. An evacuation would occur only if there is significant and credible information from reliable sources indicating that there is imminent danger from attack or natural disaster.

Primary Evacuation Zone: The primary evacuation zone includes the four colored coded Quadrants of the city. These areas would be evacuated when a Primary Evacuation (entire city) is ordered ..

Secondary Evacuation Zone: The secondary Evacuation Zone will affect one or more Quadrants and would be evacuated when ordered.

Precautionary Evacuation: Precautionary Evacuation will be done on a block to block basis as needed.

- Vehicles will use the normal side of the roadway unless directed by safety officials to use both sides of the roadway.
- Inbound traffic will be restricted to emergency vehicles only.
- Traffic will not be permitted to drive "across town". You must drive by the designated routes or as directed by safety officials.
- Mass transit will assist with the evacuation.

Emergency Incident Evacuation: Depending on the location and extent of an emergency the pre-designated driving routes may not be usable. Traffic controllers will divert traffic to the most effective means available. Citizens should follow the instructions of the traffic controllers. If the size or location of an incident prevents the evacuation of any portion of the affective area and citizens must walk from the area; they should go to one of the **pre-designated transit hubs** where they will be transported to outlying **temporary shelters**. Once at the shelters they will need to make arrangements for personal transportation.

Special Needs: If you have any special needs and require transportation assistance, in either vehicular evacuation or pedestrian evacuation, you (or family member) must make a personal transportation plan for yourself. Do not rely on outside resources that may not be available. Emergency resources will be on a priority basis only. If you live in a high rise building or apartment complex you should coordinate with your property manager and know what the emergency plans are for your building. If you don't have a plan, work together with the property manager to develop one.

Safety Concepts to Keep In Mind:

- Know the city's emergency procedures. They are critical to your safety.
- Always remain calm in any emergency.
- If an evacuation is ordered, use the city's pre-designated route for leaving your house.
- If you cannot use your pre-designated route, heed all safety personnel instructions and / or follow the general flow of traffic.
- Pre-plan with other family members or car poolers about how each member will get out in the event of an evacuation.
- Plan and discuss secondary access numbers and meeting locations with family members in the event that you are unable to contact each other using normal methods.

Primary Emergency Broadcast Units:

Additional Information: Contact the Gary Police Department – 219-881-1260

Jim Pokrajac

From: "Samara, Imad LRC" <Imad.Samara@usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>; "Rochford, William A LRC" <William.A.Rochford@usace.army.mil>
Cc: "Ackerson, Rick D LRC" <Rick.D.Ackerson@usace.army.mil>
Sent: Friday, May 16, 2008 8:36 AM
Subject: RE: Little Cal Levee Inspections (UNCLASSIFIED)

Classification: UNCLASSIFIED
 Caveats: NONE

Bill and Jim I know that I'm not involve in these inspections but I would like to make sure that no one in the LCR team is involve in inspections until we get Stage VII and VIII out to advertising. I know stage VIII is to be out next week but Stage VII is in 50% and we are trying to get it out by July. And we can't ignore stage V-2 EDDC. My suggestion is to post pone the inspection to August or end on July. This is only a suggestion.

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: Ackerson, Rick D LRC
Sent: Friday, May 16, 2008 8:28 AM
To: Jim Pokrajac
Cc: Rochford, William A LRC; Samara, Imad LRC
Subject: RE: Little Cal Levee Inspections (UNCLASSIFIED)

Jim,

For the Levee team the weeks of the 9th and 16th (except for the 20th, which is the Corps picnic) look like the best overall.

For the Sluice gate team the 9th, 10th, 11th, 12th, 17th, 18th, or 19th are best, however the week of the 23th is also a possibility.

For the Pump station team, I will need to get back to you next week.

Thanks,

Rick

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <mike@austgen.com>
Sent: Wednesday, May 28, 2008 12:12 PM
Subject: Re: Monitoring gates and screens

Thanks Mike,

Please let me know of any problems as you find them. We will then pay you as per your fee schedule and a detailed breakdown of time and/or material as you indicate.

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

From: Mike Austgen
To: 'Jim Pokrajac'
Cc: 'Mike Mitsch'
Sent: Wednesday, May 28, 2008 11:34 AM
Subject: Monitoring gates and screens

Jim, we intend to monitor the following gates and screens as you have discussed with Mike Mitsch.

These are the intake screens we will check each month to see if they need cleaned
13A, #32 Marshalltown, East side of Grant Street at pumping station & North Burr street pumping station

Flap gate # 11 Needs cleaned.

If there are any other ones you want us to check monthly please email list
We will invoice these as separate items on a time and material basis.

Mike Austgen
Austgen Electric Inc.
801 East Main Street
Griffith, IN 46319
219-924-7528
Fax 219-922-8409

No virus found in this outgoing message.

Checked by AVG.

Version: 7.5.524 / Virus Database: 269.24.1/1470 - Release Date: 5/28/2008 7:20 AM

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <mike@austgen.com>
Cc: <dgardner@nirpc.org>
Sent: Monday, May 26, 2008 11:20 AM
Subject: Re: Gate-Detail-05-09-08-Status.pdf

Mike,

It appears that of the 17 locations we had contracted you to do, that only 4 remain. What is your projection for completion, pending weather? It would be the intent to complete the inspection with the corps to conclude this task without having to do them again.

Jim

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

From: Mike Austgen
To: 'Jim Pokrajac'
Sent: Friday, May 09, 2008 1:16 PM
Subject: Gate-Detail-05-09-08-Status.pdf

Jim, attached is a revised status sheet. Gate 14b was completed yesterday

Mike

No virus found in this outgoing message.

Checked by AVG.

Version: 7.5.524 / Virus Database: 269.23.14/1425 - Release Date: 5/9/2008 12:38 PM

5

5/26/2008

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

10/24/2007				
Location	Total	Invoice # Completed	12258 Billed	% Complete
5 sluice - clean sluice gate. 10" of sand in hole. Install adapter	\$ 10,350.00			0%
6 Clean flap Gate	\$ 2,575.00	04/24/08	\$2,575.00	100%
8b Clean flap gate	\$ 2,575.00	04/24/08	\$2,575.00	100%
9A flap - clean flap gate	\$ 2,575.00	03/26/08	\$2,575.00	100%
10A sluice - free sluice. Clean flap. Install 90 degree zerk. Lube. Install adapter (need crane)	\$ 3,885.00	03/08/08	\$3,885.00	100%
10B flap - clean flap. Install 90 degree zerk. Lube. Install adapter	\$ 2,285.00	03/08/08	\$2,285.00	100%
12a sluice -- free sluice. Install adapter. Install 90 degree zerk. Lube. (need boat)	\$ 3,112.00	03/08/08	\$3,112.00	100%
13a sluice & grate -- adjust gauge. Lube. Clean grate	\$ 1,785.00	03/08/08	\$1,785.00	100%
14b flap -- clean flap. Install 90 degree zerk. Lube. Install adapter	\$ 3,012.00	05/09/08	\$3,012.00	100%
17 sluices -- close sluice and weld door so it won't opean	\$ 2,600.00	03/08/08	\$2,600.00	100%
20a flap -- remove concrete	\$ 6,075.00	Partial	\$1,077.17	18%
20b flap -- remove concrete	\$ 6,075.00	Partial	\$1,077.18	18%
24a flap -- clean flap	\$ 2,575.00	12/01/07	\$2,575.00	100%
24b flap -- clean flap	\$ 2,575.00	12/02/07	\$2,575.00	100%
25 sluice & flap -- clean sluice & flap	\$ 4,125.00	03/26/08	\$4,125.00	100%
29 flap -- clean flap	\$ 2,575.00	03/26/08	\$2,575.00	100%
32 flap -- clean flap. Check to see if pumps are switching with each other by hour meters	\$ 1,775.00	12/02/07	\$1,775.00	100%
Totals	\$ 60,529.00	Totals	\$40,183.35	66%

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Corey, Doug" <DCorey@grwinc.com>
Cc: <dgardner@nirpc.org>
Sent: Monday, May 12, 2008 11:51 AM
Subject: Re: Cleveland Street Transmission Water Main - COE Approval

Doug,

I realize that this has been going on for some time now, and we have not entirely responded to your needs. You mentioned that you had army corps approval at this time. I think you may be referring to the Detroit corps, not Chicago. We really need to coordinate this with them (The project designers) to assure they have no problem with your design impacting our lines of protection. Secondly, prior to your starting, we need to issue a signed easement agreement for that real estate necessary for your installation. Before we go any further, we should have a call between you, Dan Gardner, Our Little Cal Director, and myself to discuss any other issues that we have concerns with. Please contact me to see where we go from here.

Thanks,

Jim Pokrajac

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

From: Corey, Doug
To: jpokrajac@nirpc.org
Sent: Thursday, May 08, 2008 8:47 AM
Subject: Cleveland Street Transmission Water Main - COE Approval

Jim,

For the proposed Indiana-American Transmission Water Main along Cleveland Street, the intent is to start construction this summer in areas where we have easements or can perform work within the R/W. We have previously talked about the main extension on Little Calumet River Basin property and the associated construction, but we do have approval from the Corps of Engineers at this time. The COE indicate they need approval from the local jurisdictional agency before their permit can be granted. Is there any way you could contact the Corps and let them know we have discussed construction on your property?

Please call me at your convenience to further discuss this project.

Thanks,

Doug Corey, P.E.
 GRW Engineers, Inc.
 7112 Waldemar Drive | Indianapolis, IN 46268
 Toll Free: 800-310-5066
 Telephone: 317-347-3650 | Fax: 317-347-3656 | Mobile: 317-440-1442
 Email: dcorey@grwinc.com

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5/29/2008

BREAKDOWN SHEET - DAYLIGHTING & F.C. STAGE 8 & STAGE 7 UTILITIES

(BASED UPON THREE (3) DAYS TO COMPLETE)
2 MAN CREW

NAME OF COMPANY	COST FOR DAYLIGHTING EQUIP. & 2 MAN CREW	COST FOR ON SITE RESTORATION & CLEAN-UP	MISCELLANEOUS	TOTAL COST
TLC PLUMBING	\$275/HR. X 24 HOURS \$6600	\$125/HR. @ OPERATOR EQUIP. 12 HRS. 1500	NONE	* 8100
ATLAS DAYLIGHTING	\$272/HR. X 24 HOURS \$6528	\$175/HR. @ OPERATOR EQUIP. 12 HRS. 2100	NONE	* 8628
DELTA INDUSTRIAL	\$250/HR. X 24 HOURS \$6000	\$750/HR. - ROBOT, OPERATOR RE-PLANT, SOIL	* 825 MOBILIZATION & DE-MOB.	* 9825
FLUID WASTE SYSTEMS	\$225/HR. X 24 HOURS \$5400	SUPPORT VEH. - 3 DAYS @ 350 PER DIEM - 580 1630	(LUMP SUM) \$2700	* 9730
EAQUE SERVICES	\$290/HR. X 24 HOURS \$6960	\$225/HR. @ OPERATOR, MTR. EQUIP. - 16 HRS. 3600	NONE	* 10,560
BADDER DAYLIGHTING	\$260/HR. X 24 HOURS \$6240	DOES NOT SUB. CONTRACT ANY SITE RESTORATION	NONE	DECLINED TO BID

RECOMMENDATION:

* WE RECOMMEND USING TLC PLUMBING BASED UPON THEIR SUBMITTING THE LOWEST BID, GOOD PAST WORK PERFORMANCE, AND BEING A LOCAL CONTRACTOR FOR QUICK RESPONSE TO COORDINATE WITH THE SURVEYOR FOR LOCATES.

WORK STUDY SESSION

4 June 2008

LAND ACQUISITION COMMITTEE

Robert Marszalek, Chairman

(ACTION)

We are requesting approval of an increased offer tonight for:

DC 1370: Offer is \$4,507 added damages of \$4,200 = new offer of \$8,707

The appraiser overlooked:

Fence damages =	\$2,400.
Landscape damages =	\$1,318.59
Relocate two sprinkler heads =	\$ 455.
Total settlement =	\$4,173.59 (rounded to \$4,200)
Plus original offer =	\$ 4,507
Total offer of	\$8,707.

STAGE V UPDATE – (Kennedy to Northcote)

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

DC 1112/1113 owner NIPSCo. W 150' E SW N & S of River.

We are waiting to receive the NIPSCo signed easements.

DC 1169 Norfolk Southern Railroad West of Kennedy Avenue

In negotiations. Refer to Lou

STAGE VII UPDATE – (Northcote to Columbia) (ongoing)

Of the 34 offers sent to landowners:

- 27 landowners have accepted and are recorded.
- 3 condemnations have been filed for landowners we can't locate.
- 2 utilities are reviewing engineering (BP Pipelines and NIPSCo).
- 1 private landowner will probably sign once he approves the new Corps real estate mapping that eliminates his pool and yard damage.
- 1 private acquisition has 11 heirs and we need all 11 signatures to accept the offer to record the easement.

STAGE VIII UPDATE: (Columbia to Illinois state line)

Numbers tell the story:

- 92 offers out for 92 acquisitions
- 10 Hammond easements signed
- 12 Munster, 4 INDOT, 1 NICTD & 1 CSX easements are being reviewed
- 12 landowners are waiting for a meeting to discuss project/offers
- 35 residentials accepted offers
- 2 in condemnation
- 5 more to be filed for condemnation
- 10 in negotiations

list out.

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: 6-4-08

LOCATION: 6100 Southport Rd, Portage CHAIRMAN: William Biller

PLEASE SIGN IN

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	MARK RESHKIN	
2	SUSAN BROWN	THE TIMES
3	Traci Powell	DNR
4	Cy Huerter	Citizen
5	Imad Samana	USACE
6	Gyngabell Johnson	Vislosky
7	KAREN LORENZ	SOUTHMOOR RD
8	Mike ZARANTONE II	"
9	Vanessa Villarreal	U.S. Army Corps of Engineers, Chgo District
10	Lynne whelan	" "
11	Erik Potter	Post-Tribune
12	BILL PETRITES	HIGHLAND RESIDENT
13		
14		
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LAND ACQUISITION REPORT

For meeting on Wednesday, June 4, 2008

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

Report period is from May 1 – May 29, 2008)

EAST REACH – REMAINING ACQUISITIONS

1. This stage still has about 25 flowage easements that need to be acquired. They are not high-priority and can be acquired as time permits.
 - Emphasis now is on finishing Stage VII and VIII. Any East Reach parcels left will be “cleaned-up” after acquisition of all parcels in Stage VII and Stage VIII is complete.
2. The new drainage overflow area at 28th and Chase Streets in Gary consists of six acquisitions. All six appraisals have been approved. We can now send offers. Landowners consist of INDOT parcel, 2 Gary parcels, and 3 private landowner parcels.

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

1. Right-of-entry was signed 7/11/07. Eleven options were attached. Since July, we have acquired 9 of those acquisitions. Two remain:
 - A. **NIPSCO** – (DC-1112/1113) We are expecting signed easements.
 - B. **NSRR** - (DC-1169) Negotiations have reached a standstill and a future court date of 8/4/08 has been secured.

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

Land Acquisition deadline April 30, 2005

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

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 easements north of the river have been made. Two of three private landowners have accepted.
2. **City of Hammond and Hammond Sanitary District easements were signed 4/17/08 and 5/7/08 respectively. Hammond Park Board and Hammond Redevelopment easements are still outstanding.**
3. All 33 offers for Munster landowners on the south side of the river were delivered in August 2007. We are in negotiations with one private landowner; three landowners cannot be located and are in condemnation to clean up the chain of title.
4. LCRBDC met with Hammond Parks Dept. to discuss signing of easements owned by the Parks Dept. **The Stage VII staging area was originally designated to be located in Riverside Park on the ball fields parking lot. It was then moved to a larger treed area to eliminate the impact. Now some residents are concerned about elimination of the trees and the Corps is considering relocating the staging area back to the parking lot. Discussions with the Park Board continue (See Stage VIII report)**

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

1. The LCRBDC signed the right-of-entry for the authorization for entry for construction in this area on March 25, 2008 indicating all real estate required for this work has been acquired.
2. This portion of work is now going to be included as part of the Stage VII contract.

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

1. All residential offers are out.
2. Surveys for the two new acquisitions near and on Munster Med-Inn have been completed. Impact to the Munster Med Inn involves severe damage to the driveway, fence and landscaping. We are in discussions with the Corps for a possible alternative to this acquisition.
3. A clarification over the Calumet-Munster pump station (DC-1367) was raised by the appraiser. SEH sent an email to clarify on May 9, and met on site with the appraiser on May 19. /
4. The field meeting was held at Riverside Park on April 2 with the Corps, LCRBDC, DLZ, and the Hammond Parks and Engineering Departments.
 - Tree removal south of the ball fields became a Hammond issue and another field meeting is to be scheduled for clarification at the request of Hammond.
5. Received a letter from Ruth Mores from the "Southmoor Road group" in Hammond dated February 28, 2008 (received February 29) with a series of questions and concerns regarding impacts to their neighborhood and would like to have them addressed prior to the next neighborhood meeting. (Response ongoing)
6. A meeting was held with NICTD on April 22, 2008 to present the easement agreements for signatures and discuss any issues.
 - Additional survey and title work were requested by NICTD for clarification. This was provided on May 21.
7. City of Hammond signed easements on 4/17/08 and Hammond Sanitary District signed easements on 5/7/08. Hammond Park Board and Redevelopment easements are still outstanding.
8. Contacted INDOT (Mike McGuire) and submitted easement agreements on May 2, 2008.
 - Re-submitted minor changes on legals and title work (for proof of ownership) on May 21. It appears they have no problem signing downstate. 2
9. LCRBDC confirmed with Ted Muta (DC-1304) that the wall by his business could have coloration and also provided information on tree removal on the south side of the river across from his property. 3

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

Land Acquisition deadline is September, 2005

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

PUMP STATION REHABILITATION – CONTRACT 2

1. Received an email from the Corps on November 19, 2007 indicating that the contract was broken up and that 2A will include pump rebuilds of the (2) smaller stations – Forest Avenue/173rd St., and Tapper Avenue. Pump Station 2B contract will include Indianapolis Blvd., Jackson Avenue, and the Southside Pump Stations.

2. Property Surveys

- Property identification has been completed by DLZ and **they have completed all plats and legals for all (5) stations.**
- **The pump station real estate is available for both the 2A and 2B projects. Easement agreements have been signed for the “perpetual pump station easements” and the ROE/s will be sent to the Corps.**

4-10

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

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

CREDITING:

1. INDOT CREDITING

- A. LCRBDC has requested credit to the project for the bridges reconstructed as part of the project - Indianapolis Blvd., Cline Avenue, Grant and Georgia Streets.
 - B. The Army Corps from Detroit agreed to help the LCRBDC with INDOT bridge crediting coordination.
 - A meeting, and field inspection, was held with their representative on July 31 and August 1, 2007, to familiarize them with the INDOT construction.
 - They have already obtained some data for Indianapolis Boulevard, Cline Avenue, Grant St., and Georgia. (Ongoing)
 - C. A conference call with INDOT and Chicago/Detroit Corps, and the LCRBDC was held on November 29, 2007 to discuss points of contact for information and coordination. (Ongoing)
2. We have submitted to Detroit the Woodmar/Cabela final appraisal for crediting. Detroit Corps has sent it on to Headquarters in Cincinnati for review and approval. We expect crediting in the amount of \$1,875,000 for the Cabela's easements.
 3. **To date, a total of \$9,269,883 has been credited for land acquisition. Another \$1,503,224 is still pending with the Corps review process.**

Jim Pokrajac

From: "Dean Button" <dbutton@sehinc.com>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Friday, May 09, 2008 11:57 AM
Subject: Calumet-Munster Pump Station

Dear Jim:

The Calumet-Munster Pump Station is the Hammond Sanitary District facility located at the Little Calumet River east of Calumet Avenue and is used as a combined sewer overflow pump station. The existing station has an old chlorine contact chamber attached immediately west of the pump station building, basically between the building and Calumet Avenue. The former chlorine contact chamber is a serpentine-type concrete basin/channel that allowed for the water to be held in detention to allow chlorine to be in contact for a time that would allow for some disinfection. As I understand from HSD, chlorination is no longer required and therefore the chlorine contact chamber is unnecessary. The existing chamber is currently a health hazard and therefore it is necessary to relocate the outlet piping and shorten the 'length' of the outlet pipe by bypassing the chlorine contact chamber.

I hope this helps to clarify the facility. It is my understanding that the Buffalo District is preparing plans to modify the outfall.

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



Please consider your effect on the environment before printing this email and/or attachments.

5/9/2008



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

WILLIAM BILLER, Chairman
Governor's Appointment

ROBERT MARSZALEK, Vice Chairman
Governor's Appointment

R. KENT GURLEY, Treasurer
Lake County Commissioners' Appointment

MARK GORDISH, Secretary
Mayor of Hammond's Appointment

ARLENE COLVIN
Mayor of Gary's Appointment

STEVE DAVIS
Dept. of Natural Resources' Appointment

ROBERT HUFFMAN
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

VACANCY
Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

May 21, 2008

Mr. Mike McGuire
IN Dept. of Transportation
P. O. Box 429
LaPorte, Indiana 46352

Dear Mike:

Enclosed are four copies each of the revised copies of the legals for the four (4) easement requests we submitted to you on May 2, 2008. The survey company that I used (Garcia LE) coordinated with your surveyor, Jeff Gustke, to make the changes to either add additional information onto the drawings or to assure that the legal descriptions had closure. Will you please make arrangements to replace the original exhibits previously sent to you as attachments to the easement agreements with these modified drawings. In addition, our survey company submitted to you copies of the title work showing proof of ownership of each of these four properties. Will you please let me know if these submittals have met your requirements in order to forward them for approval and signature. If you have any questions regarding these legals or proof of ownership, please let me know.

Sincerely,


James E. Pokrajac, Agent
Engineering/Land Management

/sjm
encl.

cc: Mike McPhillips, *INDOT*
Tammy Hogenow, *INDOT*
Gregg Heinzman, *Garcia LE*
Lou Casale, *LCRBDC*



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Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

May 14, 2008

Mr. Ted Muta
TED MUTA ADVERTISING
610 - 177th Street
Hammond, Indiana 46324

Dear Ted:

Just a brief note as a follow-up response confirming in writing the two items we spoke about. They are (1) the Commission agrees that it is possible to add coloration to the flood wall with a color of your choosing that will lessen the visual impact. We will work with you to effect that after the wall is constructed; and (2) I am providing to you the drawing from the Corps of Engineers showing the area for the new levee across the river from your building which clearly illustrates it moving considerably to the south and the view from your building will continue to contain trees and other greenery. The accompanying drawing is out of the Corps Stage VIII design.

I hope these commitments meet your satisfaction and if there are additional questions, please call me. We look forward to receiving your signed offer. Thank you.

Sincerely,

Dan Gardner
Executive Director

/sjm
encl.
cc:

Judy Vamos, *Land Acquisition Agent*
Lou Casale, *LCRBDC attorney*

ACKNOWLEDGMENT

State of Indiana, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

William J. O'Connor, President
(Names and offices of signers of Pump Station Agreement)

City of Hammond, A Municipal Corporation
respectively, of the ~~HAMMOND SANITARY DISTRICT~~, and acknowledged the

execution of the foregoing contract on this 17th day of April,
2008.

Witness my hand and Notarial Seal.

My Commission Expires

12-5-08

Linda Marinko
NOTARY PUBLIC (Signature)

LINDA MARINKO
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT

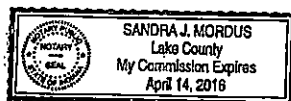
COMMISSION, and acknowledged the execution of the foregoing contract on this

9th day of April, 2008.

Witness my hand and Notarial Seal.

My Commission Expires

April 14, 2016



Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)

TAPPER AVENUE PUMP STATION (HAMMOND)
PUMP STATION 2A - DC-1300
(PERPETUAL PUMP STATION EASEMENT)

ACKNOWLEDGMENT

State of Indiana, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

William J. O'Connor
(Names and offices of signers of Pump Station Agreement)

respectively, of the CITY OF HAMMOND, A MUNICIPAL CORPORATION, and

acknowledged the execution of the foregoing contract on this 17th day of
April, 2008.

Witness my hand and Notarial Seal.

My Commission Expires

12-5-08

Linda Marinovic
NOTARY PUBLIC (Signature)

LINDA MARINOVIC
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT

COMMISSION, and acknowledged the execution of the foregoing contract on this

9th day of April, 2008.

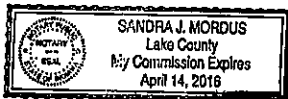
Witness my hand and Notarial Seal.

My Commission Expires

April 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)



FOREST AVENUE PUMP STATION (HAMMOND)
PUMP STATION 2A - DC-1402
(PERPETUAL/TEMPORARY EASEMENTS)

ACKNOWLEDGMENT

State of IN, County of LAKE, SS:

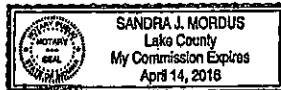
Before me, the undersigned Notary Public in and for said County, personally appeared

Stanley Dostatni + James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the HAMMOND SANITARY DISTRICT, and acknowledged the

execution of the foregoing contract on this 7th day of MAY,
2008.

Witness my hand and Notarial Seal.



My Commission Expires

APRIL 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of LAKE, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT

COMMISSION, and acknowledged the execution of the foregoing contract on this

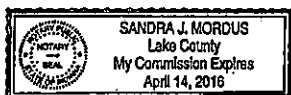
9th day of APRIL, 2008

Witness my hand and Notarial Seal.

My Commission Expires

APRIL 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)



Sandra J. Mordus
(Printed or typed)

JACKSON AVENUE PUMP STATION (HSD)
PUMP STATION 2B - DC-1403
(PERPETUAL/TEMPORARY EASEMENTS)

ACKNOWLEDGMENT

State of Indiana, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

William J. O'Connor, President
(Names and offices of signers of Temporary Work Area Agreement)

respectively, of the CITY OF HAMMOND, A MUNICIPAL CORPORATION, and

acknowledged the execution of the foregoing contract on this 17th day of

April, 2008.

Witness my hand and Notarial Seal.

My Commission Expires

12-5-08

Linda Marinkovic
NOTARY PUBLIC (Signature)

LINDA MARINKOVIC
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Temporary Work Area Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT

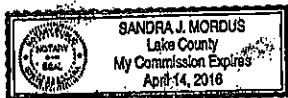
COMMISSION, and acknowledged the execution of the foregoing contract on this

9th day of April, 2008.

Witness my hand and Notarial Seal.

My Commission Expires

April 14, 2016



Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)

JACKSON AVE. PUMP STATION (HAMMOND)
PUMP STATION 1B-DC-1404
(TEMPORARY WORK AREA EASEMENT)

ACKNOWLEDGMENT

State of IN, County of LAKE, SS:

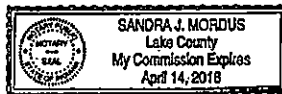
Before me, the undersigned Notary Public in and for said County, personally appeared

Stanley Dostatni and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the HAMMOND SANITARY DISTRICT, and acknowledged the

execution of the foregoing contract on this 7th day of MAY,
2008.

Witness my hand and Notarial Seal.



My Commission Expires

APRIL 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of LAKE, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT

COMMISSION, and acknowledged the execution of the foregoing contract on this

9th day of APRIL, 2008

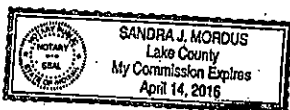
Witness my hand and Notarial Seal.

My Commission Expires

APRIL 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)



SOUTHSIDE PUMP STATION (HSD)
PUMP STATION 2B - DC-1405
(TEMPORARY WORK AREA EASEMENT)

ACKNOWLEDGMENT

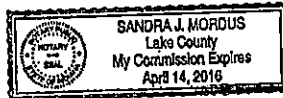
State of IN, County of LAKE, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Stanley Dostatni and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

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execution of the foregoing contract on this 7th day of MAY,
2008.

Witness my hand and Notarial Seal.



My Commission Expires

April 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Pump Station Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT
COMMISSION, and acknowledged the execution of the foregoing contract on this
9th day of APRIL, 2008

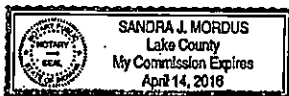
Witness my hand and Notarial Seal.

My Commission Expires

April 14, 2016

Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)



INDIANAPOLIS BLVD. PUMP STATION (HSD)
PUMP STATION 2B - DC-1407
(PERPETUAL & TEMPORARY EASEMENTS)

ACKNOWLEDGMENT

State of Indiana, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

William J. Connor, President
(Names and offices of signers of Temporary Work Area Agreement)

respectively, of the CITY OF HAMMOND, A MUNICIPAL CORPORATION, and

acknowledged the execution of the foregoing contract on this 17th day of

April, 2008.

Witness my hand and Notarial Seal.

My Commission Expires

12-5-08

Linda Marinovic
NOTARY PUBLIC (Signature)

LINDA MARINOVIC
(Printed or typed)

ACKNOWLEDGMENT

State of IN, County of Lake, SS:

Before me, the undersigned Notary Public in and for said County, personally appeared

Dan Gardner and James E. Pokrajac
(Names and offices of signers of Temporary Work Area Agreement)

respectively, of the LITTLE CALUMET RIVER BASIN DEVELOPMENT

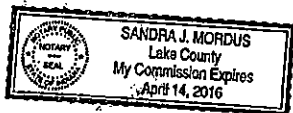
COMMISSION, and acknowledged the execution of the foregoing contract on this

9th day of APRIL, 2008.

Witness my hand and Notarial Seal.

My Commission Expires

April 14, 2016



Sandra J. Mordus
NOTARY PUBLIC (Signature)

Sandra J. Mordus
(Printed or typed)

SOUTHSIDE PUMP STATION (HAMMOND)
PUMP STATION 2B - DC-1406 (TEMPORARY EASEMENT)

MONTHLY BUDGET REPORT REVISED

	2008							UNALLOCATED	
	BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ALLOCATED	BUDGETED
								TOTAL	BALANCE
5801 PER DIEM EXPENSES	7,000.00							0.00	7,000.00
5811 LEGAL EXPENSES	3,500.00							1,416.65	2,083.35
5812 NIRPC SERVICES	149,000.00							56,142.44	92,857.56
5821 TRAVEL/MILEAGE	2,000.00							133.60	1,866.40
5822 PRINTING/ADVERTISING	1,000.00							985.04	14.96
5823 BONDS/INSURANCE	8,000.00							6,663.25	1,336.75
5824 TELEPHONE EXPENSES	6,500.00							2,986.27	3,513.73
5825 MEETING EXPENSES	3,000.00							59.20	2,940.80
5840 PROFESSIONAL SERVICES	842,539.00							565,335.10	277,203.90
5860 PROJECT LAND PURCHASE EXP.	842,539.00							91,443.00	751,096.00
5882 UTILITY RELOCATION EXP.	1,250,000.00							43,745.63	1,206,254.37
5883 PROJECT LAND CAP. IMPROV.								0.00	0.00
5884 STRUCTURES CAP. IMPROV.								0.00	0.00
5892 PROJECTCOSTSHARE/ESC ACCT	1,226,025.00							0.00	1,226,025.00
	4,341,103.00	0.00	0.00	0.00	0.00	0.00	0.00	768,910.18	3,572,192.82



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

WORK STUDY SESSION

June 4, 2008

5:30 – 6:00 p.m.

ACTION ITEMS:

Finance:

- Approval of claims for May 2008
- Approval of O&M claims for May 2008
- Approval of additional Munster claim

Land Acq:

- Action on increased offer

Authorizations:

- For utility daylighting services in Stage VIII
- For Griffith levee engineering services

IMPORTANT DISCUSSION:

Stage VIII Acquisition Progress Status

**Construction Progress
Report
Thru End of May
2008**

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
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:		

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)	4,239,286.58
D. Work Paid for but not in Place (Materials in Storage)	0.00

FINANCIAL PROGRESS - (A+B+C+D) 4,239,286.58

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod. A00015 & P00020	4,262,835.48
F. Current Value of Overruns/Underruns (+/-)	0.00
G. Directed, Pending Modifications	0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	4,262,835.48

FUNDS OBLIGATED FOR PAYMENT: thru Modification A00015 & P00020 4,262,835.48

ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G) 86.00%

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart) 100.00%

TOTAL EARNINGS AT THE END OF FY07 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.
- Remaining unclaimed earnings = \$23,548.90 will be deobligated and credited to Pump 1A Surety Takeover contract.
- Contract between the bonding company and Thieneman Construction signed 22 JAN 2008.
- Work will be completed under the Pump 1A Surety Takeover Agreement contract.
- Surety Takeover Agreement between USACE and bonding company signed 25 JAN 2008.

**Construction Progress
Report
Thru End of May
2008**

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 Graib

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	21-Feb-01	2,387,500.00
NTP DATE./CURRENT CONTRACT AMOUNT: Mods A00014 thru P00013	16-Apr-01	2,464,289.22
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
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:		

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 23	2,464,289.22
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)	2,464,289.22
D. Work Paid for but not in Place (Materials in Storage)	0.00

FINANCIAL PROGRESS - (A+B+C+D)

2,464,289.22

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod. A00014 thru P00013	2,464,289.22
F. Current Value of Overruns/Underruns (+/-)	0.00
G. Directed, Pending Modifications (A00013 & A00014)	0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	2,464,289.22

FUNDS OBLIGATED FOR PAYMENT: thru Modification A00014 thru P00013	2,464,289.22
---	--------------

ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)	100.00%
---	---------

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	100.00%
--	---------

TOTAL EARNINGS AT THE END OF FY07	2,464,289.22
-----------------------------------	--------------

PROJECT STATUS/MAJOR ISSUES:

- The work is physically complete.
- District office has prepared the As-Builts and they have been signed and distributed.
- Surety Takeover Agreement on DACW27-01-C-0001 Pump Sta. 1A signed 25 JAN 2008 -final disposition on funds finalized.
- Modification P00013 completed unilaterally (\$15,206.36 Credit for As-builts & latent defect and \$9,492.86 unclaimed earnings) credited to Pump 1A Surety Takeover contract).
- Contract Close-Out in Progress.

THE WORK WAS DETERMINED TO BE SUBSTANTIALLY COMPLETE ON 27 JANUARY 2004.

**Construction Progress
Report
Thru End of May
2008**

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 P00023	7-Nov-02	1,405,845.29
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION	11-Jan-04	430
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	15-Jan-08	1895
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	15-Jan-08	0
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:		

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
--	------

FINANCIAL PROGRESS - (A+B+C+D) 1,390,911.63

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

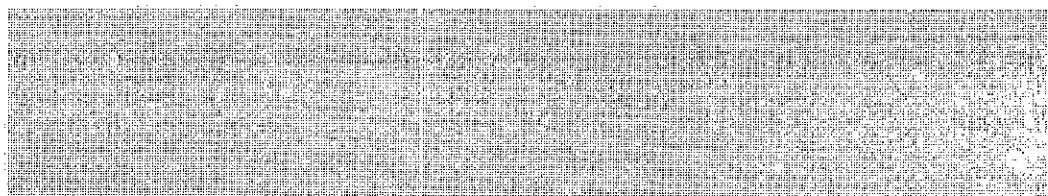
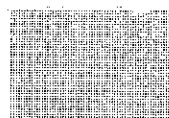
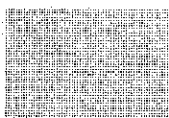
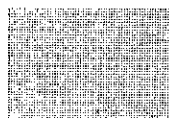
E. Current Contract Amount thru Mod. P00023	1,405,845.29
F. Current Value of Overruns/Underruns (+/-)	0.00
G. Directed, Pending Modifications	0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	1,405,845.29

FUNDS OBLIGATED FOR PAYMENT: thru Modification P00023	1,405,940.96
---	--------------

ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G) 98.94%

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart) 99.00%

TOTAL EARNINGS AT THE END OF FY07 1,390,911.63



PROJECT STATUS/MAJOR ISSUES:

- Contractor continues maintenance of restored areas and destroying invasive plants.
- Final Quantities Modification P00022 was completed 22 OCT 2007 (-\$95.67)
- Modification P00024 completed 15 JAN 2008 to extend contract to 31 MAY 2008 to achieve final burn.
- Continued wet weather has postponed final burn and Final Inspection until condition are favorable.

**Construction Progress
Report
Thru End of May
2008**

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 P00008	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
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE		
ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No. 10		490,962.43
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)		490,962.43
D. Work Paid for but not in Place (Materials in Storage)		0.00
FINANCIAL PROGRESS - (A+B+C+D)		490,962.43
TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
E. Current Contract Amount thru Mod. P00008		648,995.23
F. Current Value of Overruns/Underruns (+/-)		0.00
G. Directed, Pending Modifications		0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		648,995.23
FUNDS OBLIGATED FOR PAYMENT: thru Modification P00008		648,995.23
ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)		75.65%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		77.00%
TOTAL EARNINGS AT THE END OF FY07		490,962.43

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 sent an email on 27 November to follow up on this issue.
- 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. 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. Seeding will be performed in Spring 2008.
- Some bare areas exist along the project stretch. The Contractor plans to reseed the areas, a detailed plan will be provided from the Contractor.
- The Government is awaiting a response to the Contractor's initial correspondence in regards to areas inundated with water, areas affected by the billboard contractor, and bare spots.

**Construction Progress
Report
Thru End of May
2008**

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& A00009	4-Nov-04	7,563,971.19
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
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:		

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 25		7,128,478.79
B. Estimated Earnings thru end of reporting period		183,680.72
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		7,312,159.51

D. Work Paid for but not in Place (Materials in Storage)		0.00
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FINANCIAL PROGRESS - (A+B+C+D)		7,312,159.51
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TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod. P00015& A00009		7,563,971.19
F. Current Value of Overruns/Underruns (+/-) (Variations in Final Quant)		-150,383.00
G. Directed, Pending Modifications (two mod issues pending)		1,000.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		7,414,588.19

FUNDS OBLIGATED FOR PAYMENT: thru Modification P00015& A00009		7,563,971.19
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ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)		98.62%
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SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		99.00%
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TOTAL EARNINGS AT THE END OF FY07		7,299,394.80
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PROJECT STATUS/MAJOR ISSUES:

Contract fully funded. - North Drive Pump Station being fully operated by Town of Highland, leak into the control room being investigated and repair pending. Existing Grace Street Pump Station taken out of service August 10, 2007. Final Inspection was held on Oct 12, 2007. Punch lists gathered and being worked on, work re-started after winter shutdown. Liquidated damages assessed Sep 6 thru Sep 19 due to Contractor not finished within contract duration, as adjusted. Working with Contractor to establish final quantities.

***** WORK CONSIDERED SUBSTANTIALLY COMPLETE ON 09/19/2007 *****

**Construction Progress
Report
Thru End of May
2008**

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	18-Oct-05	4,219,329.46
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
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:	NA	

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
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FINANCIAL PROGRESS - (A+B+C+D)	4,198,558.44
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TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod.	A00003/P00007	4,219,329.46
F. Current Value of Overruns/Underruns (+/-)	(Variations in Final Quantities)	78,390.92
G. Directed, Pending Modifications		0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		4,297,720.38

FUNDS OBLIGATED FOR PAYMENT: thru Modification	A00003/P00007	4,228,422.42
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ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)	97.69%
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SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	99.00%
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TOTAL EARNINGS AT THE END OF FY07	4,198,558.44
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PROJECT STATUS/MAJOR ISSUES:

Contract is fully funded -

- 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.
- Preliminary As-Built submitted for review
- Final inspection punch list items completed, trees were replaced. Trees to be moved will need to be by others.

*** THE WORK WAS DETERMINED TO BE SUBSTANTIALLY COMPLETE ON NOVEMBER 30, 2007 ***

**Construction Progress
Report
Thru End of May
2008**

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	19-Oct-05	5,734,158.00
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	21-Jul-07	640
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	27-Nov-07	769
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	27-Nov-07	0
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:		

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	15	5,238,793.88
B. Estimated Earnings thru end of reporting period		188,922.66
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		5,427,716.54

D. Work Paid for but not in Place (Materials in Storage)	19,002.83
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FINANCIAL PROGRESS - (A+B+C+D)	5,408,713.71
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TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod.	A00005 & P00012	5,734,158.00
F. Current Value of Overruns/Underruns (+/-)		38,500.00
G. Directed, Pending Modifications	(Misc Changes in Progress)	16,000.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		5,788,658.00

FUNDS OBLIGATED FOR PAYMENT: thru Modification	A00005 & P00012	5,734,158.00
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ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)	93.44%
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SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	94.00%
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TOTAL EARNINGS AT THE END OF FY07	5,417,112.81
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FULLY FUNDED PROJECT ** Field work for Levee Crack investigation drilling and pit sampling was completed on 04/24/08. Most work essentially completed. Final Inspection on hold until the Levee Crack issue is resolved. Pre-Final Punchlist assembled.

** Change orders pending for Kennedy Pump Sta outlet change, debris in the drive line, CB 175 modification, deletion of 7-1C pre-load and August 2007 flood damage prevention emergency work. ** Wetland fill violation at Oxbow outside work limits an issue between LCRBDC, City of Hammond, Corps Regulatory and IDEM. RESOLUTION UNKNOWN - in hands of LCRBDC.

SUBSTANTIAL COMPLETION WAS 11/27/07 - LEVEE CRACK RESOLUTION MAY AFFECT

**Construction Progress
Report
Thru End of May
2008**

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 Crab
ORIGINAL CONTRACT AWARD DATE/AMOUNT:	28-Feb-07	3,342,583.22
NTP DATE/CURRENT CONTRACT AMOUNT: Mods	A00002 13-Mar-07	3,342,583.22
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	5-Jul-08	480
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	30-Jul-08	505
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	30-Jul-08	0
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:	30-Sep-08	
ESTIMATED PROGRESS		
A. Present Earnings as of Pay Est. No.	5	2,276,535.02
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)		2,276,535.02
D. Work Paid for but not in Place (Materials in Storage)		0.00
FINANCIAL PROGRESS - (A+B+C+D)		2,276,535.02
TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
E. Current Contract Amount thru Mod.	A00002	3,342,583.22
F. Current Value of Overruns/Underruns (+/-) (unsuitable Levee Fndtn Matl and levee fill)		190,000.00
G. Directed, Pending Modifications (Mult. Changes)		-173,000.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		3,359,583.22
FUNDS OBLIGATED FOR PAYMENT: thru Modification	A00002	3,342,583.22
ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)		67.76%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		68.00%
TOTAL EARNINGS AT THE END OF FY07		2,000,000.00

PROJECT STATUS/MAJOR ISSUES:

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

- I-Wall sheet piling placed. I-Wall Concrete placed. Sheet Pile Concrete on both RR closures completed.
- 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.
- Modification for Deletion of Outlets at Stations 58+40 and 82+67 completed.
- RFP issued to extend Sheet Pile Wall at West Closure to back of Burr Street Curb.
- Wick drains at Station 75+52 completed. Pre-Load completed and removed. Structure started. Initial outlet and inlet concrete quality in-question. Contractor performed coring of in-place concrete, results not yet known.

**Construction Progress
Report
Thru End of May
2008**

CONTRACT NO.: W912P6-07-C-0011
CONTRACTOR: Dyer Construction Co., Inc.
DESCRIPTION: LCR, Local Flood Protection, Stage 5-2

TS-C-S
D. Anderson
Edd/Ibrahim
Babcock

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	29-Sep-07	13,140,189.41
NTP DATE./CURRENT CONTRACT AMOUNT: Mods P00004	17-Oct-07	13,642,680.97
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	5-Nov-09	750
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	5-Nov-09	750
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	5-Nov-09	0
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:		

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	3,327,428.21
B. Estimated Earnings thru end of reporting period (est. work in place)	500,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)	0.00
TOTAL ESTIMATED PROGRESS (A+B+C)	3,827,428.21

D. Work Paid for but not in Place (Materials in Storage) Sheet Piling for entire job	847,550.26
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FINANCIAL PROGRESS - (A+B+C+D) **2,979,877.95**

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod. P00004	13,642,680.97
F. Current Value of Overruns/Underruns (+/-)	0.00
G. Directed, Pending Modifications (see comments below for descr.)	856,000.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	14,498,680.97

FUNDS OBLIGATED FOR PAYMENT: thru Modification P00004	5,000,000.00
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ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G) **20.55%**

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart) **3.00%**

TOTAL EARNINGS AT THE END OF FY07 **0.00**

PROJECT STATUS/MAJOR ISSUES:

This Contract is incrementally funded. - Clearing mostly completed, grubbing and hauling continues. Sheet piling in progress, Wicker Park done, Baring Ave 70%, Hart Ditch 100%. Contractor started placing mud slab for Hart Ditch I-Wall.

- Pending mods- not all listed
- * DSC - Hawthorne I-Wall, Debris, Mod in progress
- * Re-issuance of corrected drawings and removal of arsenic from imported soil parameters
- * Add safety cage to ladder, proposal received.
- * Large DSC/Eng change at No Dr I-Wall, proposal rescinded, IGE completed.
- * Trail/Fence Changes,-District Memo
- * Delete Northcote Sandbag Closure - awaiting memo from District
- * Baring Ave Pump Sta overflow outlet DSC
- * DSC - location of 96" pump station outfall
- * Delete 96" pipe shown on Civil
- * 18" CMP Wicker Park I-Wall.
- * Riprap on West bank of Hart ditch and demolition of Hart Ditch USGS gauging station. RFP being assembled.

Due to permit issues, will need to separate riprap from Hart Ditch and No. Drive I-Wall changes.- Next Progress meeting 4/30

**Construction Progress
Report
Thru End of May
2008**

CONTRACT NO.:	W81G6680523765	TS-C-S
CONTRACTOR:	The Hartford	D. Anderson
DESCRIPTION:	Little Calumet River - Pump Station Phase 1A - Surety Takeover Agreement	G. Anderson Craib

ORIGINAL CONTRACT AWARD DATE/AMT. (SURETY TAKEOVER SIGNED)	25-Jan-08	725,845.54
NTP DATE./CURRENT CONTRACT AMOUNT: Mods	None	725,845.54
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION	Pending	360
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	Pending	0
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	Pending	0
AREA ENGINEER'S ESTIMATED SUBSTANTIAL COMPLETION DATE:	15-Apr-09	

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	0.00
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)	0.00

D. Work Paid for but not in Place (Materials in Storage)	0.00
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FINANCIAL PROGRESS - (A+B+C+D)	0.00
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TOTAL ESTIMATED FINAL CONTRACT AMOUNT

E. Current Contract Amount thru Mod.	None	725,845.54
F. Current Value of Overruns/Underruns (+/-)		0.00
G. Directed, Pending Modifications		0.00

TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	725,845.54
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FUNDS OBLIGATED FOR PAYMENT: thru Modification	None	725,845.54
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ACTUAL PERCENT COMPLETE (A+B+C+D)/(E+F+G)	0.00%
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SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	0.00%
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PROJECT STATUS/MAJOR ISSUES:

Contract between the bonding company and Thieneman Construction signed 22 JAN 2008.
 Surety Takeover Agreement between USACE and bonding company signed 25 JAN 2008.
 Contract Scope Meeting held with USACE, The Hartford and Thieneman 27 FEB 2008.
 The Hartford provided contractor proposals regarding contract scope 30 APR 2008.
 USACE provided letter of response to The Hartford 14 MAY 2008.