



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 HUFFMAN, Vice Chairman
Governor's Appointment

✓ ARLENE COLVIN, Treasurer
Mayor of Gary's Appointment

✓ DR. MARK RESHKIN, Secretary
Governor's Appointment

✓ GEORGE CARLSON
Mayor of Hammond Appointment

✓ STEVE DAVIS
Dept. of Natural Resources Appointment

✓ R. KENT GURLEY
Lake County Commissioners' Appointment

✓ ROBERT MARZALEK
Governor's Appointment

✓ JOHN MROCZKOWSKI
Governor's Appointment

✓ CHARLIE RAY
Porter County Commissioners' 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, NOVEMBER 1, 2006
AT THE COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, IN

ONE-HALF HOUR WORK STUDY SESSION – 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 October 4, 2006
5. Action Required:

Finance:

- Approval of budget transfers
- Approval of claims for October 2006
- Approval of O&M claims for October 2006
- Request for approval of USGS agreement to jointly fund O&M of Hart Ditch gaging station for FY2007

Land Acquisition:

- Any increased offers?
- Any condemnations?

6. Chairman's Report

- Report on meeting of 10/30 held by Town of Highland to discuss flooding issues from September 13, 2006 storm event

find out for

*Mark Reshkin
Put this article
Several copies
mail to him*

1-5

*6
7-8
9*

10

11-12

*green placks
like 1/2-1/4. knit
green wood wool
blazer.*

4 visitors.

*Let members
know if we get
approval for
money!*

7. Executive Director's Report

- Residents' meeting with Congressman in attendance held on 10/5 to review construction in Stage VI-1South
- Meetings held 10/5 & 10/19 with Munster residents regarding Stage V-2 Construction
 - > Town of Munster letter of commitment
- Letter from Congressman's Office regarding Griffith levee schedule
 - > Conference call held 10/17 w/IDNR and Army Corps to discuss Griffith levee

13
14

8. Standing Committees

A. Finance Committee – Report by Treasurer Arlene Colvin

- Financial status report
- Received second request of payment to city of Gary for Burr St. II Gary – \$159,009 paid on 10/19/06
- Issues for discussion

15

16

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

- Appraisals, offers, acquisitions
- Status of activity for Stage V-2, VII, and VIII

Land Management

- Status of LAMAR ADVERTISING easement proposals
- Issues for discussion

C. Project Engineering Committee – Committee Chair Bob Huffman

- INDOT – Route 41 pump station
- Update on Corps Buffalo District doing Stage VIII engineering
- Change order request regarding Burr Street-Gary
- Issues for discussion

D. Operation & Maintenance – Committee Chair Bob Huffman

- Pump Station turnover status
- Sluice gate & flap gate turnover status
- Levee turnover status
- Meeting held 10/23 with Gary officials to discuss turnover of Commission surplus lands/city O&M commitment leading to removal from floodplain
- Issues for discussion

E. Environmental Committee – Committee Chair Mark Reshkin

- Meeting with John Castrale, US & IDNR Fish & Wildlife; Army Corps; town of Highland; area Audubon members on October 27, 2006 regarding Blue Heron Rookery

F. Legislative Committee – Committee Chair George Carlson

- Update on request to IDNR for additional \$2.5 million to keep project on schedule
- Budget request for \$8 million submitted to State Budget Agency for 2007-09 biennial budget - Update
 - > NIRPC Legislative Committee & Executive Board resolution of support for project request

G. Recreational Development Committee – Committee Chair Bob Huffman

- OxBow trail extension meeting held 10/18
- Stage VI-2 trail extension meeting with Highland Parks on 10/18

H. 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

4825

**MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
HELD AT 6:00 P.M. WEDNESDAY, OCTOBER 4, 2006
6100 SOUTHPORT ROAD
PORTAGE, INDIANA**

Chairman William Biller called the meeting to order at 6:15 p.m. Nine (9) Commissioners were present. Pledge of Allegiance was recited. The guests were recognized.

Development Commissioners:

George Carlson
Mark Reshkin
Robert Huffman
Robert Marszalek
Steve Davis
William Biller
Arlene Colvin
John Mroczkowski
Charlie Ray

Visitors:

James Petsas – Ogden Dunes resident
Bill Petrites – Highland resident
Cpt. Kelsey Lavicka – Corps of Engineers
John Sowinski – Griffith resident
Michelle Quinn – Post Tribune
Barbara Whitaker – Munster resident
Carolyn Marsh – Sand Ridge Audubon Society

Staff:

Dan Gardner
Jim Pokrajac
Sandy Mordus
Lou Casale
Lorraine Kray

The minutes of the September 6, 2006 meeting were approved by a motion from Bob Marszalek; seconded by Bob Huffman after a correction was made on the first page to the Development Commissioners present, changing Gent Gurley to Kent Gurley; motion passed unanimously.

Action Required – Treasurer Arlene Colvin referred to page 6 & 7 in the agenda packet listing the claims for approval in the amount of \$120,736.08 and made a motion for approval; motion seconded by Steve Davis; motion passed unanimously.

- Ms. Colvin then presented the O&M claims (revised) for September in the amount of \$15,418.28 and made a motion for approval; motion seconded by John Mroczkowski; motion passed unanimously.
- There was no action for Land Acquisition or Land Management.

Chairman's Report – Chairman Biller reported on the storm event on September 13 in which areas in Highland, Griffith, Hammond, and Gary received as much as 6-8" in a couple of hours time. He referred to a report prepared by the Corps of Engineers regarding the event. The report refers to the amount of rain as a 600 year flood event. There have been several informational meetings with the Corps and the town of Highland, where discussions took place regarding the event. The report concludes that flooding was caused by insufficient storm sewer systems and insufficient pump capacity. Mr. Gardner added that everyone responded to the situation very quickly, i.e. the local municipalities, county, state, and federal response groups. Within two days, the Governor had sent a letter to President Bush asking for a declaration of a major disaster, seeking to make federal funds available for property owners. It was

stated that the Little Calumet River did not flow over the banks and did not cause additional landside flooding due to the installation of our flood features. Mark Reshkin added that with urban growth, the tributaries need as much attention as the river. It is the tributaries that carry the rain water to the river. George Carlson added that once the rain stopped, the water receded quickly. It was stressed that our flood control project protects municipalities from river flooding; it does not address landside drainage or infrastructures; it does not address local storm water management.

Executive Director's Report – Executive Director Dan Gardner referred to a letter he wrote to Kyle Hupfer, Director of IDNR, asking to make \$2.5 million available to the LCRBDC for drawdown in order that we can keep funding available for ongoing construction. \$1 million is needed for continuing land acquisition and \$1.4 million is needed for Burr Street Phase II – Little Cal levee portion. The low bid for this project came in higher than estimated. In order for the Corps to award this contract, the funding needs to be in place. They cannot award the contract without all funds in place. Mr. Gardner referred to the IEDC letter committing up to \$6 million from the State. This was the estimated amount it would take to get Cabela's built and advertised (Stage V-2). We are hoping to get the funds approved at the next Budget Committee hearing (end of October).

- Mr. Gardner stated that he did send out the \$8 million budget request to the State Budget Agency for the 2007-09 biennium. We have requested to be in the Governor's budget.
- Mr. Gardner also referred to a newspaper article that named Senator Frank Mrvan to the State Budget Committee. Senator Mrvan has always been supportive of the flood control project and this is positive.

Finance Committee – Treasurer Arlene Colvin referred to the financial status report on page 12 in the agenda packet. She also informed Board members that the first payment of our 25% cost share of the Burr Street Gary project has been made to the City as per the Interlocal Agreement signed by the City and the LCRBDC.

Land Acquisition/Land Management Committee – Committee Chairman Bob Marszalek stated there were no action items. Appraisals are complete in Stage VII, north of the river.

- A meeting was held on September 26 with Don Ewoldt and LEL's attorney to discuss the 32 acre parcel of land east of Clay Street in Lake Station. They are interested in purchasing the property in fee. Attorney Casale stated we would need to go through the Disposal of Property Act to do this. LEL exercised the option on this area but have not pursued anything on the property. We have a concern that it could revert to a wetland if not maintained. They seem amenable to releasing the contractual obligation by exercising the option and would allow the Commission to advertise the property to see if there is other interest. Mark Reshkin asked if wetland development on this site would occur or in there would there be any negative impact on the drainage. He felt we should not declare the property surplus, or to pursue any changes, until we find out if there would be any implications to the LCRBDC. Staff will develop a "pros & cons" list on the 32 acres.

Project Engineering Committee – Committee Chairman Bob Huffman reported that staff met with the Buffalo District of the Army Corps, who are going to be doing Stage VIII engineering. SEH completed previous engineering to the 50% level about six years ago. Captain Lavicka added that the Corps does resource sharing with other districts, which is why Buffalo will be doing engineering for the Chicago District.

- Mr. Huffman referred to the construction project report. Mr. Carlson questioned why the percentage complete on Stage VI-1 North levee project is lower than it was last month. Mr. Pokrajac answered that there may have been change orders but he will check with the Corps for a definite answer.
- Charlie Ray inquired about new rulings that he heard FEMA was going to institute. He asked if we had heard anything. Mr. Gardner answered that FEMA is taking a very detailed and conservative look at all projects and floodplain removals because of "Katrina". Steve Davis said that a FEMA representative at the meeting did say something about completing the total project before any areas could be removed from the floodplain. Mr. Gardner added that we are operating under the same directives we were given before. If there are new FEMA rulings for floodplain removal, there will be extensive meetings, if needed. At this point, we have received nothing official.

Operation & Maintenance Committee – Committee Chairman Bob Huffman reported a final punch list is being put together for the pump station turnover. Once it is finalized, we will make those corrections. We will meet with Gary so everybody is in concurrence. Remaining items, at this point in time, appear to be relatively smaller costs to remediate. We are hoping that by the end of November, all items can be complete.

Gary wants to do all six pump station turnovers at one time, not individually. All items on the punch list must be taken care of in "as-built" condition. We have agreed with Gary and they have been working very well with us.

- Mr. Huffman reported that sluice gate/flap gate inspections were held on September 19-21. Jim Pokrajac added that there are approximately 43 sluice gates in Gary (4 could not be inspected due to high water, 8 did not seal, and 31 were able to seal and were lubricated). Of the 49 flap gates, 21 were under water and could not be inspected, 9 were stuck open, and 15 were acceptable and sealed.
- Jim Pokrajac stated that he did a post flood inspection of the area with the Army Corps. They only inspected the gates – not the levees. They drove all the levees and saw no effects to landside impacts due to our installation of the line of protection.

Environmental Committee – Committee Chairman Mark Reshkin referred to Mr. Gardner who reported that a date has been set for a meeting with John Castrale of IDNR Fish and Wildlife to meet with the town of Highland, Army Corps of Engineers, U.S. Fish and Wildlife, and the Audubon Society representatives. That date is at 9 a.m. on Friday October 27. Any interested party is invited. Commissioners Reshkin and Huffman both expressed an interest in attending. Mr. Gardner reiterated that the "Blue Heron Rookery" consists of three separate properties. One property we own; the other two properties we only have an easement upon. Both of those properties required condemnation in order to obtain easements to construct; and although we have the easements, the amount of monies is being contested by the property owners so they are still in court.

Legislative Committee – Committee Chairman George Carlson stated that Mr. Gardner already talked about the Commission's budget request. He commented that, because of Cabela's coming into the area, it helped the LCRBDC secure some of the needed funding earlier than has been scheduled.

Recreation Committee – There was no report.

Policy Committee – There was no report.

Other Issues/New Business – There was none.

Statements from the Floor – Highland resident Bill Petrites passed around a few pictures of the flooding near his business. He inquired about the status of the INDOT lift station on Indianapolis Blvd. Jim Pokrajac replied that last month he sent a letter to INDOT encouraging their lift station project be moved up because we anticipate that we will have the funds in place for our project. INDOT took that letter to their superiors to see if there are sufficient state funds in place for them to move it up. We will follow up to see what they are doing. Neither INDOT's project or our project will work efficiently unless they are both done at the same time. Mr. Gardner added that he is sure that INDOT is aware of the flooding situation that just took place so the urgency is there. Some of the information in the Governor's letter that went to the President asking for federal aide came from INDOT.

- Carolyn Marsh from the Sand Ridge Audubon Society, expressed concern in several areas. She contended that there was raw sewage being dumped into the river and is the Commission doing any e.coli testing. Mr. Gardner informed her that we are not a regulatory body and do not have the authority to do testing, or the funds available, to do any testing. Commissioner Steve Davis stated that IDEM would be the agency to do any testing.

Ms. Marsh then inquired about residents being removed from the floodplain once the project is complete. Chairman Biller stated that the project is to prevent the river from overflowing. When the project is complete, FEMA will be petitioned to be removed from floodplain designation. Sewer backup flooding can still happen. Jim Pokrajac added that there are several insurance policies that can be purchased; i.e. a policy for contents, a policy for river flooding, and a policy for sewer backup. Although an area is removed from the floodplain, a resident can still choose to keep a flood insurance policy.

Ms. Marsh asked where she could obtain information on why the Commission bought mitigation property in Hobart Marsh. Mr. Gardner explained to her that we were directed by the Army Corps to purchase the property there. Although the Commission offered all property already owned by us, the regulatory agencies determined it was not suitable for mitigation. He offered Ms. Marsh full access to our public files regarding the Hobart Marsh acquisition of 411 acres.

Ms. Marsh then inquired about LEL wanted to purchase the 32 acres west of Clay Street in Lake Station. Mr. Gardner explained that in order for the Commission to sell any surplus land, we have to go through the State Property Disposal Act to do so. It is a lengthy process. We can only license out surplus property, which we are presently doing. LEL currently has an option on this property. Ms. Marsh expressed her concern in doing business with LEL.

- Barbara Whitaker, a Munster resident, expressed her concern about the levees and floodwalls that would be constructed along Hart Ditch in Munster. The area did not flood in the 9/13 flood event but she voiced a concern about the Commission moving forward too quickly because of Cabela's coming in. Mr. Gardner stated we are moving forward because of a schedule developed by the Army Corps and the Commission to honor a request by the Congressman to complete the entire project by December 2009. That is our goal. Ms. Whitaker stated that she and other neighbors are meeting with the Corps and the Commission tomorrow night at 5:30 at the Wicker Park Social Center to discuss the project. She conveyed several questions she would like answered at the meeting; i.e. completion date of the design, has footprint of the floodplain been changed from what it was years ago, wants a better understanding of what it will look like when completed, concerned about the impact of project on the natural setting, why we just didn't consider dredging, etc.

LCRBDC Minutes

October 4, 2006

Page 5

- John Sowinski, Griffith resident, inquired about the Cady Marsh project. Mr. Gardner informed him that our project is on the main stream of the Little Calumet River. There is a separate diversion project on the Cady Marsh with the Army Corps and the town of Griffith.
- James Petsas, Ogden Dunes resident, inquired about lake levels in Lake Michigan. Commissioner Steve Davis, IDNR Div. of Water appointee, gave him a map of Lake Michigan levels and explained it to him.

There being no further business, the next meeting was scheduled for 6:00 p.m. Wednesday, November 1, 2006

BUDGET TRANSFERS

Administrative Budget:

- Transfer \$17,000 into Line Item 5812 (NIRPC Services) from three separate Line Items which are
 - Line Item 5811 (Legal Expenses) – Amount \$5,000
 - Line Item 5821 (Travel/Mileage) – Amount \$8,000
 - Line Item 5825 (Meeting Expenses) – Amount \$4,000

(Since there is not enough money in any one Line Item, monies will be transferred out of three separate Line Items)

- Transfer \$1,200 into Line Item 5824 (Telephone Expense) from Line Item 5825 (Meeting Expense)

Land Acquisition Budget:

- Transfer \$170,000 into Line Item 5840 (Professional Services) from Line Item 5860 (Project Land Purchase Expense)

(It is anticipated that these budget transfers should take us through the end of the year without having to have any other transfers – There should be sufficient monies to cover estimated expenses that we will incur in November and December)

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

MONTHLY BUDGET REPORT, OCTOBER 2006

UNALLOCATED

	2006							ALLOCATED	UNALLOCATED
	BUDGET	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL	BUDGETED
									BALANCE
5801 PER DIEM EXPENSES	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00
5811 LEGAL EXPENSES	8,500.00	283.33	283.33	283.33	283.33	283.33	283.33	1,699.98	6,800.02
5812 NIRPC SERVICES	130,000.00	11,315.41	11,937.77	12,034.56	12,230.77	11,943.74	11,654.87	71,117.12	58,882.88
5821 TRAVEL/MILEAGE	10,000.00	14.40	32.60	20.80	47.20	31.60	39.60	186.20	9,813.80
5822 PRINTING/ADVERTISING	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,500.00
5823 BONDS/INSURANCE	8,000.00	77.00	0.00	0.00	6,406.20	0.00	0.00	6,483.20	1,516.80
5824 TELEPHONE EXPENSES	5,000.00	418.14	452.56	1,104.19	112.49	895.83	471.70	3,454.91	1,545.09
5825 MEETING EXPENSES	6,000.00	36.00	0.00	104.95	34.24	0.00	72.90	248.09	5,751.91
5840 PROFESSIONAL SERVICES	600,000.00	66,612.24	49,432.37	54,487.56	76,775.39	76,993.17	37,691.33	361,992.06	238,007.94
5860 PROJECT LAND PURCHASE EXP.	836,498.00	20,123.94	15,335.50	24,622.28	14,155.00	59.52	54,050.00	128,346.24	708,151.76
5882 UTILITY RELOCATION EXP.	100,000.00	1,708.00	0.00	138.04	5,983.14	51,010.37	3,631.87	62,471.42	37,528.58
5883 PROJECT LAND CAP. IMPROV.	2,500.00	0.00	0.00	0.00	0.00	0.00		0.00	2,500.00
5884 STRUCTURES CAP. IMPROV.	2,500.00	0.00	0.00	0.00	0.00	0.00		0.00	2,500.00
5892 PROJECT COSTSHARE/ESC ACCT	866,635.00	0.00	0.00	0.00	0.00	0.00		0.00	866,635.00
	2,588,133.00	100,588.46	77,474.13	92,795.71	116,027.76	141,217.56	107,895.60	635,999.22	1,952,133.78

UNALLOCATED

	2006							ALLOCATED	UNALLOCATED
	BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	BUDGETED
									BALANCE
5801 PER DIEM EXPENSES	10,000.00	3,000.00	0.00	0.00	0.00			3,000.00	7,000.00
5811 LEGAL EXPENSES	8,500.00	283.33	283.33	283.33	283.33			2,833.30	5,666.70
5812 NIRPC SERVICES	130,000.00	13,671.49	12,384.85	12,308.69	12,310.86			121,793.01	8,206.99
5821 TRAVEL/MILEAGE	10,000.00	552.00	38.40	28.00	17.60			822.20	9,177.80
5822 PRINTING/ADVERTISING	2,500.00	0.00	0.00	1,498.10	0.00			1,498.10	1,001.90
5823 BONDS/INSURANCE	8,000.00	0.00	250.00	0.00	0.00			6,733.20	1,266.80
5824 TELEPHONE EXPENSES	5,000.00	485.11	511.90	479.06	447.21			5,378.19	-378.19
5825 MEETING EXPENSES	6,000.00	0.00	70.75	50.92	0.00			369.76	5,630.24
5840 PROFESSIONAL SERVICES	600,000.00	71,667.51	41,260.19	105,143.65	50,119.92			630,183.33	-30,183.33
5860 PROJECT LAND PURCHASE EXP.	836,498.00	7,485.00	78,524.02	40.00	15,038.00			229,433.26	607,064.74
5882 UTILITY RELOCATION EXP.	100,000.00	0.00	295.75	904.33	0.00			63,671.50	36,328.50
5883 PROJECT LAND CAP. IMPROV.	2,500.00	0.00	0.00	0.00	0.00			0.00	2,500.00
5884 STRUCTURES CAP. IMPROV.	2,500.00	0.00	0.00	0.00	121.35			121.35	2,378.65
5892 PROJECTCOSTSHARE/ESC ACCT	866,635.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	866,635.00
	2,588,133.00	97,144.44	133,619.19	120,736.08	78,338.27	0.00	0.00	1,065,837.20	1,522,295.80

CLAIMS PAYABLE FOR OCTOBER 2006

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	CASALE.WOODWARD & BULS LLP	283.33	MONTHLY RETAINER THROUGH 10/22/06
5812	NIRPC	12,027.57	SERVICES PERFORMED SEPTEMBER 2006
5812	ON-SITE	200.00	LCD MONITOR
5812	UPS	44.56	OVERNIGHT MAIL
5812	UPS	38.73	OVERNIGHT MAIL
5821	SANDY MORDUS	17.60	MILEAGE 9/28/06-10/13/06
5824	AT & T	447.21	BILLING PERIOD 9/14/06-10/13/06(TOTAL BILL 460.64, KRBC 13.43)
5841	PROFESSIONAL APPRAISAL SERVICES LLC	3,000.00	APPRAISAL FOR DC-1247
5841	PROFESSIONAL APPRAISAL SERVICES LLC	750.00	APPRAISAL FOR DC-1214
5841	PROFESSIONAL APPRAISAL SERVICES LLC	750.00	APPRAISAL FOR DC-1212A-D
5841	ASSOCIATED PROPERTY COUNSELORS LTD	450.00	APPRAISAL FOR DC-1247
5841	HERITAGE APPRAISAL SERVICE	1,500.00	APPRAISAL FOR DC-1172 & DC-1175
5842	R. W. ARMSTRONG	359.00	PROFESSIONAL SERVICES RE: SV-II REVIEW
5842	GARCIA CONSULTING	1,615.00	PROFESSIONAL SERVICES RE: DC-837
5842	GARCIA CONSULTING	1,397.50	PROFESSIONAL SERVICES RE: DC-838
5842	GARCIA CONSULTING	1,497.50	PROFESSIONAL SERVICES RE: DC-839
5842	GARCIA CONSULTING	1,360.00	PROFESSIONAL SERVICES RE: DC-840
5842	GARCIA CONSULTING	1,345.00	PROFESSIONAL SERVICES RE: DC-841
5843	STEWART TITLE SERVICES	490.00	TITLE WORK RE: DC-1305A
5844	JAMES E POKRAJAC	5,054.55	ENGINEERING SERVICES 9/16/06-9/30/06
5844	JAMES E POKRAJAC	335.60	SEPTEMBER MILEAGE
5844	JAMES E POKRAJAC	4,511.05	ENGINEERING SERVICES 10/1/06-10/15/06
5844	JUDITH VAMOS	3,340.50	LAND ACQUISITION AGENT SERVICES 9/16/06-9/30/06
5844	JUDITH VAMOS	26.40	SEPTEMBER MILEAGE
5844	JUDITH VAMOS	2,495.55	LAND ACQUISITION AGENT SERVICES 10/1/06-10/15/06
5844	G. LORRAINE KRAY	853.55	CREDITING TECHNICIAN & LAND ACQUISITION ASSISTANT 9/16/06-9/30/06
5844	G. LORRAINE KRAY	992.50	CREDITING TECHNICIAN & LAND ACQUISITION ASSISTANT 10/1/06-10/15/06
5844	SANDY MORDUS	225.00	CREDITING TECHNICIAN SERVICES 9/17/06-9/28/06
5844	SANDY MORDUS	112.50	CREDITING TECHNICIAN SERVICES 10/1/06-10/15/06
5847	DLZ	1,598.00	PROFESSIONAL SERVICES RE: DC-1400
5847	DLZ	10,126.00	PROFESSIONAL SERVICES RE: DC-1300
5849	CASALE.WOODWARD & BULS LLP	5,934.72	LAND ACQUISITION/LEGAL SERVICES FOR PERIOD ENDED 10/23/06
5861	LAKE COUNTY RECORDER	38.00	RECORD EASEMENTS RE: DC-577
5861	NANCY K NIMETZ	15,000.00	PURCHASE PRICE OF DC-577
5884	JAMES E POKRAJAC	121.35	REIMBURSEMENT FOR KEYS, LOCKS & CHAINS FOR COMMISSION OWNED PROPERTIES

TOTAL 78,338.27

8

**APPROVAL TO PAY THE FOLLOWING INVOICES
FROM O&M FUND
NOVEMBER 1, 2006**

-
- **\$7.97 to NIPSCO for costs incurred for elec. & gas at 3120 Gerry Street in Gary**
 - **\$1,000.00 to Tallgrass Restoration for Contract #IL-06184a** (2)
 - **\$2,500.00 to Tallgrass Restoration for Contract #IL-06184b** (10)
 - **\$5,000.00 to Tallgrass Restoration for Contract #IL-06184c** (11)

TOTAL \$ 8,507.97

RECEIVED OCT 16 2006



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

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

October 11, 2006

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

Dear Ms. Mordus:

Enclosed are three copies of the Joint Funding Agreement for operation and maintenance of the streamflow gaging station located on Hart Ditch at Munster for federal fiscal year 2007 (October 1, 2006 to September 30, 2007). Please sign all originals; return one signed original to this office by October 27, 2006, and retain the other originals for your records.

Work performed with funds from this agreement will be conducted on a fixed-price basis. You will receive one billing for the total agreement at the end of the federal fiscal year (September 2007). The results of all work under this agreement will be available for publication by the U.S. Geological Survey.

If you have any questions concerning this agreement, please call the Administrative Officer, Susan Ellis, at (317) 290-3333, extension 146. Should you have any technical questions please contact Scott Morlock, Hydrologic Data Section Chief, at extension 153. We appreciate your support in this program and look forward to continuing our successful relationship during future federal fiscal years.

Sincerely,

Richard F. Duwelius
Acting Director

Enclosures



Your local news source ::
Look for your community »

Towns A - F

Towns G - M



Post-Tribune

post-trib.com

Member of the Sun-Times News Group



57°F
Mostly Cloudy

Weather • Traffic

M

[Home](#) | [News](#) | [Sports](#) | [Business](#) | [Neighbors](#) | [Quickly](#) | [Entertainment](#) | [Classifieds](#) | [Life](#)

NEWS :: [PRINTER FRIENDLY](#) » [EMAIL ARTICLE](#) »

News
Business
Neighbors
Quickly
Opinion
Weather
Crime
Quickly with Answers
Columnists
Jerry Davich
The Fixer
Diane Hayes
Rich James

Rain overwhelmed drainage system

Report shows record amount of showers

October 5, 2006

By MICHELLE QUINN Post Tribune

PORTAGE -- Flood victims looking to assign responsibility for last month's flood damage can blame it on the rain, and only the rain.

A preliminary report presented by the Army Corps of Engineers to the Little Calumet River Basin Development Commission at its Wednesday night meeting showed that the "ungodly" amount of rain that fell Sept. 13 overwhelmed the sanitary and sewer systems in Highland, Griffith and other affected places.

But the amount of rain, which ended up equaling a 600-year rain event, did nothing to hinder the systems from working as they should, said Jim Pokrajac, the commission's engineering/land management agent.

Pokrajac said he was out on Highland's portion of the river basin project during the storm, and its flap gates along the Little Calumet River on Highland's north side, for example, were working properly, as evidenced by the river never overflowing. Also, all the pumps, save for one that went out for about 15 minutes, were in working order.

"All the municipalities have different design capacities, and the bottom line is, all of the lines filled up way faster than they could've emptied," he said. "None of the flooding is caused by anything we or the municipalities did."

While rumors in Highland saying that a pump to be installed as part of the basin project could've helped the flooding are true, they're true only to a point.

"The project over there is on schedule, if not a little ahead of schedule,

DESIGN

VIDEO ::



TOP STO

NEWS
Punked Pun

BUSINESS

Web only :: Video • TV Listings

CENTERSTAGE

Yellow Pages ::

Obituaries ::

RogerEbert.com :: Movies & more

Restaurant Reviews • Eating In

but the pump wasn't scheduled to be installed yet, and there's no way we could've known the storm was coming," he said. "With Highland's new sewer system and that pump, it could've helped, but the flooding would've been as bad, if not worse, if (the basin project) wasn't there."

Pokrajac couldn't speak to the damage in Griffith because Cady Ditch isn't being handled by the Army Corps of Engineers.

The Corps report said that, according to NOAA, 6.16 inches of rain in a 24-hour period would constitute a 50-year rain, and 5.34 inches in a 3-hour period would constitute a 500-year rain event, said Commission Director Dan Gardner. From 8 a.m. to noon, the average rainfall for Highland that day was 5.96 inches, while Griffith reported an average of 6.36 inches over an unknown period.

Moving forward, if municipalities want to increase their sewer systems' capacities, it's their choice, but it would cost millions to do, and much of the cost would be incurred by the residents, according to Pokrajac.

"The reality is, you may never see this again," he said.

A more complete flood report will be presented at the next commission meeting in November.

California si
against Hew

SPORTS
Perfect endi
DAC crown

ENTERTAIN
Georgia mo
Harry Potter

LIFESTYLE:
Lights out fi
Valparaiso

Ads by Google

Portadam

Temporary, portable cofferdams & water diversion structures.
www.portadam.com

Flood Clean Up Chicago

Water Extraction-Insurance Billing 1-800-357-1328 For Fast S
misterflood.com

Vacuum Sewage Systems

Supply & Design of Vacuum Sewer Systems World Wide from
www.vacuumsewage.com

Scottsdale Water Damage

Call for 24 Hour Extraction, Drying Odor & Mold Prevention &
www.acewds.com

RECEIVED OCT - 5 2006



October 4, 2006

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

Dear Dan:

Please accept this letter as confirmation of our discussion at the meeting on Monday, August 21, 2006 regarding additional landscape restoration.

The Town will agree to work with the Army Corps and develop a long term restoration master plan. The Town has earmarked funds in our Capital Improvement Plan for contributions to this project to provide for restoration that is both aesthetically pleasing and easily maintained. These are funds also earmarked for assistance with easement and right-of-way acquisition.

The Town will engage a landscape architect to Master Plan the area after the Army Corps has completed its design work. I anticipate a restoration project that could be phased in after construction. The Town would add funds to the Army Corps of Engineers construction allocation for restoration.

We are in agreement with the compromises that were agreed to at our August meeting.

I remain,

Yours truly,

Thomas F. DeGiulio
Town Manager

cc: Munster Town Council

TFD/pjp/letters/nirpclittlecalproject/f/



PETER J. VISCLOSKY
1ST DISTRICT, INDIANA

COMMITTEE ON APPROPRIATIONS
SUBCOMMITTEES:
DEFENSE
ENERGY AND WATER DEVELOPMENT
CONGRESSIONAL STEEL CAUCUS
VICE-CHAIRMAN
U.S. HOUSE LAW ENFORCEMENT
CAUCUS

Congress of the United States
House of Representatives
Washington, DC 20515-1401

2266 RAYBURN BUILDING
WASHINGTON, DC 20515-1401
(202) 225-2461
701 EAST 83RD AVENUE, SUITE 9
MERRILLVILLE, IN 48410
(219) 795-1844
Call Toll Free
1 888 423 PETE
(1 888 423-7383)
INTERNET:
<http://www.house.gov/visclosky/>

October 10, 2006

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

Dear Dan:

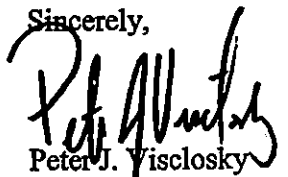
I write today in regard to a section of levee that is outside the Little Calumet River Federal Flood Control and Recreation Project.

Specifically, my office has been notified by the U.S. Army Corps of Engineers (USACE) that the section of levee between Cline Avenue and the EJ&E Railroad, south of the Little Calumet River, in Griffith, Indiana is in need of structural repairs in order for it to meet the Federal Emergency Management Agency's (FEMA) required certification. Further, the Griffith Levee is a betterment levee, outside of the federal project scope, and was constructed in cooperation with the Town of Griffith and the Little Calumet River Basin Development Commission (LCRBDC).

Since it is essential improvements be made to this levee to ensure the project is in compliance with FEMA's requirements, I ask that you provide an update on the measures being implemented and a schedule for completing these repairs to my office no later than November 3, 2006. In order to protect the residents currently living in the floodplain of the Little Calumet River, and in order to remove the burden of paying for mandatory flood insurance, it is imperative to work expeditiously so that these homeowners receive the benefits of this project.

If you have any questions, please do not hesitate to contact me or have the appropriate member of your staff contact Elizabeth Johnson, Director of Projects and Grants, in my Merrillville Office at 219-795-1844.

Sincerely,


Peter J. Visclosky
Member of Congress

PJV:ej

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

FINANCIAL STATEMENT

JANUARY 1, 2006 - SEPTEMBER 30, 2006

CASH POSITION - JANUARY 1, 2006

CHECKING ACCOUNT	
LAND ACQUISITION	149,768.81
GENERAL FUND	17,675.85
TAX FUND	0.00
INVESTMENTS	
SAVINGS	619,699.72
ESCROW ACCOUNT INTEREST	11,279.31
	<hr/>
	798,423.69

RECEIPTS - JANUARY 1, 2006 - SEPTEMBER 30, 2006

LEASE RENTS	34,358.22
LEL MONIES (SAVINGS)	
INTEREST INCOME(FROM CHECKING)	1,000.79
LAND ACQUISITION	846,073.70
ESCROW ACCOUNT INTEREST	3,919.05
MISC. RECEIPTS	10,830.00
KRBC REIMBURSEMENT RE: TELEPHONE CHARGE	883.39
TRANSFERRED FROM SAVINGS	406,911.65
PROCEEDS FROM VOIDED CHECKS	
TOTAL RECEIPTS	<hr/>
	1,303,976.80

DISBURSEMENTS - JANUARY 1, 2006 - SEPTEMBER 30, 2006

ADMINISTRATIVE	
2004 EXPENSES PAID IN 2005	120,614.81
PER DIEM	5,850.00
LEGAL SERVICES	2,549.97
NIRPC	108,495.71
TRAVEL & MILEAGE	1,223.00
PRINTING & ADVERTISING	
BONDS & INSURANCE	6,733.20
TELEPHONE EXPENSE	5,695.64
MEETING EXPENSE	436.10
LAND ACQUISITION	
LEGAL SERVICES	67,067.96
APPRAISAL SERVICES	112,600.00
ENGINEERING SERVICES	102,120.99
LAND PURCHASE CONTRACTUAL	29,637.00
FACILITIES/PROJECT MAINTENANCE SERVICES	
OPERATIONS SERVICES	482.70
LAND MANGEMENT SERVICES	164,101.64
SURVEYING SERVICES	102,815.82
MISCELLANEOUS EXPENSES	
ECONOMIC/MARKETING SOURCES	
PROPERTY & STRUCTURE COSTS	194,431.46
MOVING ALLOCATION	
TAXES	
PROPERTY & STRUCTURES INSURANCE	
UTILITY RELOCATION SERVICES	17,125.53
LAND CAPITAL IMPROVEMENT	
STRUCTURAL CAPITAL IMPROVEMENTS	
BANK CHARGES MERCANTILE	73.36
PASS THROUGH FOR SAVINGS	180,138.20
PAYBACK TO SAVINGS	133,629.90
TOTAL DISBURSEMENTS	<hr/>
	1,235,208.18

CASH POSITION - SEPTEMBER 30, 2006

CHECKING ACCOUNT	
LAND ACQUISITION	178,910.16
GENERAL FUND	53,409.48
TAX FUND	
TOTAL FUNDS IN CHECKING ACCOUNT	<hr/>
	232,319.64

BANK ONE SAVINGS ACCOUNT BALANCE	344,056.42
(LAND ACQ IN HOUSE PROJECT FUNDS)	208,518.45
(O & M MONIES)	**117,660.74

*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	17,877.23
------------------	-----------

BANK ONE SAVINGS ACCOUNT	596,841.66
BURR ST PHASE II GARY	585,681.75
INTEREST	11,159.91
TOTAL SAVINGS	<hr/>
	940,898.08
ESCROW ACCOUNT INTEREST AVAILABLE	<hr/>
	4,403.66

TOTAL OF ALL ACCOUNTS	<hr/>	1,177,621.38
-----------------------	-------	--------------



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 HUFFMAN, Vice Chairman
Governor's Appointment

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

DR. MARK RESHKIN, Secretary
Governor's Appointment

GEORGE CARLSON
*Mayor's of Hammond
Appointment*

STEVE DAVIS
*Dept. of Natural Resources
Appointment*

R. KENT GURLEY
*Lake County Commissioners'
Appointment*

ROBERT MARSZALEK
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

CHARLIE RAY
*Porter County Commissioners'
Appointment*

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

October 17, 2006

Ms. Paula Beeks
Interim Director
City of Gary Public Works
401 Broadway, Suite 300
Gary, Indiana 46402-1236

Dear Paula:

Enclosed please find Check No. 9340 in the amount of \$159,009.28 in payment of the Commission's 25% cost share participation in the Burr Street II Gary portion of levee construction. This is for Application #2 (total Superior invoice was \$636,033.15).

If you have any questions, please feel free to call me anytime or you can reach me at smordus@nirpc.org.

Sincerely,

Sandy Mordus
Business Coordinator

/sjm
encl.
cc:

Arlene Colvin, City of Gary, LCRBDC
Dan Gardner, LCRBDC Executive Director
Lou Casale, LCRBDC attorney

OPERATION AND MAINTENANCE REPORT

For meeting on Wednesday, November 1, 2006

(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 September 28 – October 26, 2006)

GENERAL SUMMARIZATION (EAST REACH TURNOVER)

1. A meeting was held with the city of Gary, and their new representatives on July 20th, 2006 to familiarize the new administration with our project, explain O&M responsibility to be assumed by Gary, and to determine what they will require for the O&M turnover process. Some of these items include:
 1. Six (6) pump station turnover
 2. Levee, sluice gate, flap gate turnover
 3. Transfer of LCRBDC excess lands
 4. Coordination for emergency responseMaps, pump station reports, O&M detail for maintenance breakdown and costs were distributed and discussed. (Copies available upon request.)
 - Mailed handouts of this meeting to Geraldine Tousant (Deputy Mayor), Gwen Malone (Public Works Director), and Luci Horton (GSD Director) on September 6.
2. An O&M committee meeting was held on August 29 to review status of turnovers and discuss future coordination.
3. Submitted (8) copies of the O&M Manual to GSD for distribution on August 31, 2006.

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 August 22 and 23, 2006 with the COE, representatives from Gary, and the LCRBDC.
 - Each of the three (3) parties will submit results of the inspection which will include accepted items, items to be put on a punch list, and any questions/clarifications regarding safety or intent of design.
 - A letter was sent to GSD on September 18 indicating the LCRBDC will provide the material for telemetry and a one year subscription in the amount of \$10,490 based upon Commission approval at our September 6 Board meeting.

- A final punch list will be comprised by the LCRBDC, and also be facilitated and paid for, to assure the stations are operating in "as-built" condition.
- 3. Survey work for the six (6) pump stations has been completed and was provided to the LCRBDC attorney at the August 2, 2006 Board meeting, and will coordinate with the city of Gary attorney to sign an agreement as part of the O&M turnover.
- 4. **All vegetation and overgrowth has been cut, cleared & herbicided by "Tallgrass Restoration, LLC" (Landscaping II contractor for Army Corps) as per agreement IL-0681-a dated October 3, 2006.** 1-2
 - **Inspection on October 24 was found satisfactory.**
- 5. **Received the Army Corps inspection results for pump stations on October 16, 2006 (copy available upon request).** 3-6

B. SLUICE GATE/FLAP GATE TURNOVER

1. It is the intent to advertise sluice gates, and flap gates separately (As two separate contracts) from the pump stations and will include lubrication, clean-up, and repair, as noted in inspection reports.
2. The inspections for sluice gates and flap gates were held with GSD, United Water, Army Corps, and the LCRBDC on September 19-21, 2006.
 - A preliminary summarization letter was sent to GSD on September 26, 2006. There are approximately 43 sluice gates in Gary (4 could not be inspected due to high water, 8 did not seal, and 31 were able to seal and were lubricated).
 - 45 flap gates – 21 under water (could not be inspected), 9 were stuck open, and 15 were acceptable and sealed.
3. **A letter was sent to United Water on October 11 requesting their services for minor repairs to sluice gates.** 7
4. **LCRBDC received COE comments on sluice gate inspections on October 24, 2006. (Copies of this report available upon request).** 8-9

C. LEVEE, I-WALL TURNOVER

1. A levee inspection was held with the COE, LCRBDC, and Gary on April 25, 26, 27, 2006.
 - Received comments from Greeley and Hansen (GSD consultant – Eric Tonk) on May 1, 2006, including a general summarization. (Copies are available upon request).
 - Received letter from the Corps on June 22, 2006 with a summarization and enclosed mapping and color photos. (Copies are available upon request).
2. LCRBDC received a letter from Col. Drolet (current Chicago District Commander) on August 3, 2006 indicating an additional I-wall inspection needs to be conducted in the near future due to a new Federal analysis following Hurricane Katrina.
 - COE tentatively wants to schedule this by mid-September
3. **Vegetation cleared & herbicided from collector ditches as per agreements IL-06184-b&c dated 10/3/06** 1, 10, 11

- **Inspection on October 24 was found satisfactory.**
 - **Received a letter from "Tallgrass" on 10/24/06 with a status/schedule report for this project.**
4. **Received results of Army Corps I-Wall inspection on October 16, 2006. This inspection was held by the COE only on August 31, 2006 (Copies available upon request).**

12
3-6

D. TRANSFER OF EXCESS LANDS TO CITY OF GARY

1. **Transfer of excess lands (approximately 359 acres) were discussed as part of a meeting held with the city of Gary on June 28, 2004. LCRBDC passed a resolution at the July 7, 2004 Board meeting to begin process.**
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.
3. **Surveys were completed on April 25, 2006** for excess lands which include acreage west of Clay Street, south of the NIPSCO R/W, east of I-65, and north of and adjacent to Burns Ditch. (This is approximately 196 acres)
 - The other area is between Chase and Grant adjacent to both sides of 35th Avenue (This is approximately 189 acres).

E. TURNOVER OF SPARE PARTS, MANUALS, AND "AS-BUILT" DRAWINGS

1. Spare Part Turnover Process
 - A meeting was held with Debra Harris (United Water – Purchasing/Warehouse Manager) on June 13 to pick up inventory list of "spare parts for pump stations", which were stored on GSD facilities in November 2005.
 - A letter was sent to the GSD Director on August 25 requesting information on how to proceed, and who would sign an agreement to acknowledge the receipt of these materials.
 - Received a letter from GSD on August 30, 2006 acknowledging receipt of spare parts lists and assigning a GSD representative to work with Debra Harris to confirm inventory.
2. **A letter was sent to city of Gary on October 3, 2006 indicating that the LCRBDC has the (6) electric sluice gate operating drills for inspections.**

13

F. GRIFFITH – O&M TURNOVER (GENERAL)

1. A meeting was held on June 30, 2005 at the Griffith Town Hall regarding the Process of Griffith being removed from the flood plain. (Refer to Engineering Report - Griffith levee)
 - LCRBDC contracted out services for Griffith to gather information for levee certification as requested by FEMA. (Lawson-Fisher)
 - An email was sent to Lawson-Fisher on December 27 informing them to proceed with their scope of work at a cost not to exceed \$9,700.
 - > Scope includes determining what is required by FEMA to certify this line of protection.

- Lawson-Fisher completed their on site levee walk thru/inspection on March 28, 2006
 - > LCRBDC completed their walk-thru on May 3 with Lawson-Fisher to review their list of requirements for levee certification

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)
 - A letter was sent by the Army Corps to Overstreet on March 15, 2006 listing the items remaining to complete the contract.
 - 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
 - Turnover cannot be done until these three remaining punch list items are completed. After they are done, LCRBDC will enter into an agreement (similar to existing agreement for the 81st St. pump station). (Ongoing)
 - LCRBDC sent an email to the COE on July 31, 2006 requesting "as-built" drawings from the COE. That is the only item remaining for turnover of this station to the town of Highland.

EMERGENCY RESPONSE COORDINATION

- A. Acceptance of Emergency Response by each project municipality
 1. A meeting was held with the COE, LCRBDC, USGS, the National Weather Service, and representatives from all five (5) communities on April 24, 2006.
 - COE requires turnover, and sign-off, by each municipality to assume responsibility for their community to comply with COE plan during a flood, and to submit a plan as part of their overall community emergency response plan.
 2. A coordination meeting was held in Chicago on May 8, 2006 with the Corps, LCRBDC, and Lake County Emergency Management (Jeff Miller) to update emergency procedures, establish field exercises, and establish new points of contact.
 3. It was mutually agreed that the closures throughout the project could be expedited by supplementing 2'x2'x7' concrete blocks, with plastic and sandbags at each location.
 - Received information from the COE in mid-June to determine how many concrete barriers will be needed for each location throughout the project.
 - LCRBDC will coordinate with each municipality to locate these concrete barriers on each individual site.

B. Replace river data loggers by the COE and USGS

1. LCRDAN upgrades (river data loggers) in conjunction with the USGS has been agreed upon by the COE to be provided to replace existing outdated units in Crown Point, Hammond, and Gary.
 - A conference call was held on May 24, 2005 with the COE, LCRBDC, USGS, National Weather Service, and the communities to discuss updating current river level monitoring equipment.
 - A summary of this call was distributed by the COE on May 24 (afternoon).
 - COE provided an update of the status on August 24, 2006. (COE anticipates completion by end of September)



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 HUFFMAN, Vice Chairman
Governor's Appointment

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

DR. MARK RESHKIN, Secretary
Governor's Appointment

GEORGE CARLSON
*Mayor's of Hammond
Appointment*

STEVE DAVIS
*Dept. of Natural Resources
Appointment*

R. KENT GURLEY
*Lake County Commissioners'
Appointment*

ROBERT MARSZALEK
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

CHARLIE RAY
*Porter County Commissioners'
Appointment*

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

October 3, 2006

Mr. Doug Bauer
Sales and Project Manager
Tallgrass Restoration, LLC
2221 Hammond Drive
Schaumburg, Illinois 60173

Dear Doug:

Enclosed please find two (2) copies each of three separate partially-executed agreements between Tallgrass Restoration and the Little Calumet River Basin Development Commission for performing brush removal and herbicide applications per your proposals IL-06184-a, IL-06184-b, and IL-06184-c.

Please sign these copies of the agreements and return one copy each back to this office. Upon receiving the signed copies of the three agreements, please consider this letter as your notice to proceed. Please keep the second copy of each agreement for your files. If you have any questions, please feel free to call me at any time.

Sincerely,

James E. Pokrajac, Agent
Engineering/Land Management

/sjm
Encl.

AGREEMENT FOR CLEARING AND VEGETATION CONTROL

(Pump Stations)

Tallgrass Restoration, LLC (*Contractor*) agrees to contract with Little Calumet River Basin Development Commission (*Owner*) and hereby agrees to provide all labor, materials, tools and equipment necessary to provide weed control and herbiciding in Gary, Indiana as described hereby in this agreement.

The following shall apply to this agreement:


1. The amount is based upon the *Contractor's* proposal #IL-06184-a dated October 3, 2006. The total cost to complete this scope of work as per all terms and conditions will be based upon this proposal.
 - The total cost shall not exceed the quote of \$4,500.00 without written authorization from the *Owner*.
 - The six (6) pump stations include Burr Street, 32nd and Cleveland, Grant Street, Broadway, Ironwood, and Marshalltown.
2. The *Contractor* shall complete all work as follows:

Woody Brush Removal	Includes the cutting of all woody vegetation growing around specified pump stations (6). All stumps will be cut within 3" of the ground and treated with herbicide to prevent re-sprout. Additionally, all stumps will be retreated in the spring of 2007 to ensure control.	\$ 1,000.00
Stewardship (Herbicide Application)	Trained, experienced crew to manage weeds growing within levee pump stations (6) during the 2006 & 2007 growing season(s). Weeds will be treated with Journey, or Habitat herbicides by state licensed applicators and operators. Applications will take place as needed for the remainder of 2006 and the spring/summer of 2007. Project will be invoiced on a time and materials basis at a rate of \$60/hour + materials.	\$ 3,500.00


TOTAL - 2006 & 2007 CORE SERVICES

\$4,500.00

3. Upon completion of clearing, the *Contractor* will be responsible for all cleanup and removal of debris from the job site.
4. *Contractor* shall provide workmen's compensation insurance in the statutory amount for all persons, employees, contractors or agents working on this job and will provide liability insurance in a minimum amount of \$300,000/\$1,000,000 naming the *Owner* as co-insured.
5. The *Contractor* hereby agrees to hold harmless and indemnify the *Owner* from any suit damage, claim, liability or action caused as the direct result of the work performed by the *Contractor* that is the subject of this agreement.
6. Final payment will be made upon completion of the field inspection to the satisfaction of the *Owner*.


Doug Bauer
Sales and Project Manager
Tallgrass Restoration, LLC
(Contractor)

Accepted by:


Dan Gardner (*Owner*)
Little Calumet River Basin
Development Commission

Dated this 4th day of October, 2006.

2



REC-111 Oct. 16 2006

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

October 5, 2006

Construction-Operations Branch

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

SUBJECT: Little Calumet River – Pump Stations and I-Wall Inspections

Dear Mr. Gardner:

This letter is to transmit to you our findings from the inspection of the completed Pump Stations conducted on August 22 and 23, 2006 and a re-inspection of the floodwalls performed on August 31, 2006. Our report of the inspection of the sluice and flapgate structures performed in September will be transmitted under a separate letter.

Enclosed you will find a copy of the Inspection Report, the Inspection Checklist, and a Project Map showing the locations of the pump stations. In summary, the Pump Stations have received a rating of 'Minimally Acceptable', primarily due to the need for 'Insulation Megger Testing' as noted on Item 10 of the checklist. This testing is required every 2 years to ensure the system wiring is adequate. Some additional items need attention as indicated on each checklist for the specific pump station. Please note that the guidance for our ratings is dictated by the lowest ratings on any of the evaluation items inspected. Any rating above 'Unacceptable' indicates that the project has been found to be fully functional and able to provide the design level of protection. A rating of 'Minimally Acceptable' indicates that some maintenance is required.

In addition, we have re-inspected the floodwalls for the project. A Senior Geotechnical and Senior Structural Engineer performed this re-inspection on August 31, 2006, as a result of the findings from the Interagency Performance Evaluation Task Force (IPET) that was mentioned in our letter to you dated August 3, 2006. The findings of this inspection are attached, with a brief discussion for each I-Wall along the project extent. A map of the project and a table, showing the I-Wall locations is also included.

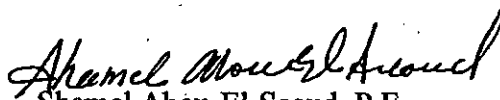
The findings of this re-inspection identified some items that will need to be monitored in future inspections. These items are specifically mentioned in the attached report. However, in general, the floodwalls are considered to be good condition. The overall project rating remains unchanged as 'Minimally Acceptable', as reported in the inspection performed earlier this year and conveyed to you in our letter dated June 22, 2006.

A specific item that was identified is the need for 'As-Built' drawings for segments of the project that were constructed by others, primarily the Indiana Department of Transportation, in locations where their construction activities impacted or otherwise are incorporated into the overall project. It is requested that these documents be obtained to ensure complete project documentation is available.

Our intent is to conduct our next inspection with you in the Spring of 2007. This will allow us to inspect areas that were obscured by dense vegetation and revisit areas identified in these inspection reports to evaluate any deterioration or performance concerns.

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

Sincerely,


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

Encl

1. Inspection of Pump Stations Report
2. Inspection of I-Walls Report

Jim Pokrajac

From: "Rochford, William A LRC" <William.A.Rochford@lrc02.usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Cc: "Sezonov, Robert C LRC" <Robert.C.Sezonov@lrc02.usace.army.mil>; "Abou-El-Seoud, Shamel LRC" <Shamel.Abou-El-Seoud@lrc02.usace.army.mil>
Sent: Wednesday, September 20, 2006 2:49 PM
Attach: Final Inspection Report - Little Cal Pump Station 2006 August 22-23.pdf
Subject: RE: Pump Station Inspection Reports

Jim,

Attached is a draft report of the pump station inspections. We are still making final reviews and some changes will be made to this report to the ratings. The key findings are that ALL the pump stations will receive a 'Marginal' rating, primarily due to needing an insulation megger test on the pump cables to ensure that no shorting problems are occurring. This needs to be performed every 2 years. Some other minor items are noted in the report.

We expect to provide you a final inspection report next week.

Please let me know if you have any questions.

William A. Rochford, P.E.
 Chief, Geotechnical & Survey Section

U.S. Army Corps of Engineers, Chicago District
 111 North Canal Street, Ste. 600
 Chicago, IL 60606-7206
 (312) 846-5450
 william.a.rochford@usace.army.mil

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Tuesday, September 19, 2006 4:42 PM
To: Jim Pokrajac; Sezonov, Robert C LRC
Cc: Rochford, William A LRC; shamel.abou-el-seoud@lrc02.usace.army.mil
Subject: Re: Pump Station Inspection Reports

Bob,

In a conversation with Don Smales late last week, he indicated that he was finalizing his summary of the pump station inspections. I told him that you told me you would have it no later than Sept. 15. Their board meeting of their commissioners is next Tuesday, the 26th, and he has to complete this right away. If we don't receive this report within a day or so, we will finalize this inspection without corps input. Pump stations are the primary concern for turnover to Gary, and we can't delay it any longer.

thanks, JIM POKRAJAC

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

From: Jim Pokrajac
To: robert.c.sezonov@usace.army.mil
Cc: william.a.rochford@lrc02.usace.army.mil ; shamel.abou-el-seoud@lrc02.usace.army.mil
Sent: Tuesday, September 05, 2006 1:47 PM
Subject: Pump Station Inspection Reports

5

10/22/2006

Robert,

Please let me know when you will have the written results from the pump station inspections we did with Gary on August 22, and 23. It is our intent to incorporate your comments, comments from LCRBDC, and comments from representatives from Gary into one composite punch list. After final review, and discussion, the LCRBDC will advertise, or arrange to complete these items before turning the stations over to Gary. LCRBDC has completed their list, Gary is almost done, and we need your comments in order to expedite this process. If you have any questions, or need further information let me know.



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 HUFFMAN, Vice Chairman
Governor's Appointment

ARLENE COLVIN, Treasurer
Mayor of Gary's Appointment

DR. MARK RESHKIN, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor's of Hammond Appointment

STEVE DAVIS
Dept. of Natural Resources Appointment

R. KENT GURLEY
Lake County Commissioners' Appointment

ROBERT MARZALEK
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

CHARLIE RAY
Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

October 11, 2006

Mr. Dwain Bowie
United Water Services Indiana
3600 West Third Avenue
Gary, Indiana 46406

Dear Dwain:

When we did our sluice gate/flap gate inspections with the Army Corps and United Water on September 19-21, 2006, several items remained that needed to be addressed as a result of our inspection. I would like to request the use of David Hughes to facilitate the installation of 90° grease fitting elbows at a number of locations to allow easier lubrication of the sluice gates. I would also like to incorporate the rebuilding of several gear boxes on the sluice gates that appeared to have retained water and will require maintenance to repair. I cannot determine the exact scope of work but could you bill the LCRBDC on a time and material basis for the work to be completed? Would you also provide a fee schedule as to what the hourly rates will be for Mr. Hughes or any assistants he may need to complete this project?

If you have any questions or need any further information regarding this request, please contact me at the above number/email. I appreciate the cooperation you have provided, to date, to help us facilitate the completion of the inspections as well as your assistance in making repairs to some of these items.

Sincerely,

James E. Pokrajac, Agent
Engineering/Land Management

/sjm

cc: Luci Horton, Director, GSD
Greg Ciaccio, David Hughes, United Water
Don Smales, Eric Tonk, Greeley & Hansen

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Rochford, William A LRC" <William.A.Rochford@lrc02.usace.army.mil>
Cc: <mike@austgen.com>
Sent: Wednesday, October 25, 2006 5:53 PM
Subject: Re: Sluice Gate inspection observation

Bill,

Thanks for your inspection report. The sluice gates that were reported as stuck open, for the most part, were only open by a few inches based upon our observing the wedges at the top of the gates which force the gate to seal against the wall of the interior structure. I think that this was probably caused by some silting, or some type of sediment build-up. I am going to have some of the mechanical folks from Austgen Electric clean out a selected gate using high pressure water or air and re-close it to assure of it sealing. They will then provide me with an estimate of manhours, equipment, and material to complete this "typical" task. I will then coordinate with Gary to provide funds to complete all cleaning for any sluice gates having the same situation. Also, we are finalizing a date with Gary to complete the remainder of sluice/flap gate inspections, and will notify you accordingly.

Any questions, pls. let me know

Thanks, JIM

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

From: Rochford, William A LRC

To: Jim Pokrajac

Cc: Sezonov, Robert C LRC ; Ackerson, Rick D LRC ; Abou-El-Seoud, Shamel LRC ; Treharne, Stephen R LRC ; Schmidt, Joseph J LRC

Sent: Tuesday, October 24, 2006 8:08 AM

Subject: RE: Sluice Gate inspection observation

Jim,

Please find attached the Draft Inspection Report for the Sluice Gates. The item of significant concern is Checklist Item #10 regarding operation of the sluice gates which were reported to be stuck open or did not operate. Can you please verify that these gates are functional or that you are taking corrective actions and when they will be completed?

With regards to your question below about the non-rising stem operators and the maintenance requirements, I still owe you a response. We are researching the vendor information and will respond shortly.

Thanks,

William A. Rochford, P.E.

Chief, Geotechnical & Survey Section

U.S. Army Corps of Engineers, Chicago District

111 North Canal Street, Ste. 600

Chicago, IL 60606-7206

(312) 846-5450

william.a.rochford@usace.army.mil

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

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

8

10/25/2006

Sent: Thursday, October 19, 2006 4:51 PM
To: Rochford, William A LRC
Subject: Sluice Gate inspection observation

Bill,

During our sluice gate inspections it was noted, and agreed upon by both the LCRBDC and United Water that the non-rising stem sluice gates in Stage III (Chase to Grant) create some O&M questions and concerns. The stems are exposed and during the operation of the sluice gates have trouble with the lubrication. The grease fittings come straight out of the housing for the gearbox and are in an unaccessible location to attach a grease gun. We are replacing these fittings with 90 degree elbows so we can lubricate while in operation. The question came up as to whether or not these stems need lubrication. The stems appear to be a " military-type brass" which may not require regular lubrication. The problem is that, with the stems exposed, and if they are lubricated, they would collect blowing dust, sand, or any flying particles that could damage the gearing or the stems. What does the manufacturer recommend? Should there have been some type of weather-proof housing to prevent this from happening if we do lubricate the gate? As local sponsor, we are hoping that the COE will not use this type of design in the future.

I appreciate your help,

JIM POKRAJAC

AGREEMENT FOR CLEARING AND VEGETATION CONTROL

(DRAINAGE DITCH -
CALFA TO CALHOUN)

Tallgrass Restoration, LLC (*Contractor*) agrees to contract with Little Calumet River Basin Development Commission (*Owner*) and hereby agrees to provide all labor, materials, tools and equipment necessary to provide weed control and herbiciding in Gary, Indiana as described hereby in this agreement.

The following shall apply to this agreement:

1. The amount is based upon the *Contractor's* proposal #IL-06184-b dated October 3, 2006. The total cost to complete this scope of work as per all terms and conditions will be based upon this proposal.
 - The total cost shall not exceed the quote of \$5,000.00 without written authorization from the *Owner*.
 - The location of this drainage ditch is between Stevenson and Calhoun Street, north of the NSRR, in Gary, Indiana.


2. The *Contractor* shall complete all work as follows:

Woody Brush Removal	Includes the cutting of all woody vegetation and plant growth growing in and adjacent to the existing drainage ditch. All stumps will be cut within 3" of the ground and treated with herbicide to prevent re-sprout. Additionally, all stumps will be retreated in the spring of 2007 to ensure control.	\$ 2,500.00
Stewardship (Herbicide Application)	Trained, experienced crew to manage weeds growing within ditch and the control structure during the 2006 & 2007 growing season(s). Weeds will be treated with Journey, or Habitat herbicides by state licensed applicators and operators. Applications will take place as needed for the remainder of 2006 and the spring/summer of 2007. Project will be invoiced on a time and materials basis at a rate of \$60/hour + materials.	\$ 2,500.00

TOTAL - 2006 & 2007 CORE SERVICES

\$5,000.00

3. Upon completion of clearing, the *Contractor* will be responsible for all cleanup and removal of debris from the job site.
4. *Contractor* shall provide workmen's compensation insurance in the statutory amount for all persons, employees, contractors or agents working on this job and will provide liability insurance in a minimum amount of \$300,000/\$1,000,000 naming the *Owner* as co-insured.
5. The *Contractor* hereby agrees to hold harmless and indemnify the *Owner* from any suit damage, claim, liability or action caused as the direct result of the work performed by the *Contractor* that is the subject of this agreement.
6. Final payment will be made upon completion of the field inspection to the satisfaction of the *Owner*.


Doug Bauer
Sales and Project Manager
Tallgrass Restoration, LLC
(*Contractor*)

Accepted by:


Dan Gardner (*Owner*)
Little Calumet River Basin
Development Commission

Dated this 4th day of October, 2006.

AGREEMENT FOR CLEARING AND VEGETATION CONTROL

(MISC. COLLECTOR DITCHES)

Tallgrass Restoration, LLC (*Contractor*) agrees to contract with Little Calumet River Basin Development Commission (*Owner*) and hereby agrees to provide all labor, materials, tools and equipment necessary to provide weed control and herbiciding in Gary, Indiana as described hereby in this agreement.

The following shall apply to this agreement:

1. The amount is based upon the *Contractor's* proposal #IL-06184-c dated October 3, 2006. The total cost to complete this scope of work as per all terms and conditions will be based upon this proposal.
 - The total cost shall not exceed the quote of \$5,000.00 without written authorization from the *Owner*.
 - The location of this drainage ditch is between Stevenson and Calhoun Street, north of the NSRR, in Gary, Indiana.


2. The *Contractor* shall complete all work as follows:

Woody Brush Removal and Herbicide Application	Includes the cutting of all woody vegetation growing in the collector ditch on the landward side of the levee between Chase Street and Grant Street, and the control structure located in the Southeast Quadrant of the intersection of Cline Avenue, and I-80/94. All stumps will be cut within 3" of the ground and treated with herbicide to prevent re-sprout. Additionally, all stumps will be retreated in the spring of 2007 to ensure control.	\$ 5,000.00
--	--	-------------

TOTAL - 2006 & 2007 CORE SERVICES

\$5,000.00

3. Upon completion of clearing, the *Contractor* will be responsible for all cleanup and removal of debris from the job site.
4. *Contractor* shall provide workmen's compensation insurance in the statutory amount for all persons, employees, contractors or agents working on this job and will provide liability insurance in a minimum amount of \$300,000/\$1,000,000 naming the *Owner* as co-insured.
5. The *Contractor* hereby agrees to hold harmless and indemnify the *Owner* from any suit damage, claim, liability or action caused as the direct result of the work performed by the *Contractor* that is the subject of this agreement.
6. Final payment will be made upon completion of the field inspection to the satisfaction of the *Owner*.


Doug Bauer
Sales and Project Manager
Tallgrass Restoration, LLC
(Contractor)

Accepted by:


Dan Gardner (*Owner*)
Little Calumet River Basin
Development Commission

Dated this 4th day of October, 2006. //

Jim Pokrajac
Land Management/Engineering
Little Calumet River Basin Development Commission

10-24-06

Mr. Pokrajac,

Thank you for taking the time to meet with me today to review the progress on our contracts for woody vegetation removal and control. As we discussed during the inspection you have received the invoices for the "woody brush removal" portions of the three current contracts numbered IL-06184a-c. The remaining stewardship monies will be allocated towards next year's activities and are to be billed on a time and materials basis with a not to exceed line item. I will make sure you receive an eminent work notice before proceeding with any applications in the coming growing season. Also, I am planning on making time for a number of inspections to ensure that you and your board are satisfied with our progress.

As requested I will be returning to the site in the near future (upon initiation of drill seeding for the Army Corps of Engineers) to wrap up the remaining cutting to take place at the Georgia Street control structure.

I appreciate the business and I look forward to providing you with a high quality, consistent service. Please feel free to contact me with any questions you may have by phone or e-mail.

Sincerely,

Doug Bauer
Sales/Project Manager
doug.bauer@tallgrassrestoration.com



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 HUFFMAN, Vice Chairman
Governor's Appointment

ARLENE COLVIN, Treasurer
Mayor of Gary's
Appointment

DR. MARK RESHKIN, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor's of Hammond
Appointment

STEVE DAVIS
Dept. of Natural Resources
Appointment

R. KENT GURLEY
Lake County Commissioners'
Appointment

ROBERT MARZALEK
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

CHARLIE RAY
Porter County Commissioners'
Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

October 3, 2006

Ms. Debra Harris
Purchasing/Warehouse Manager
United Water Services
3600 West Third Avenue
Gary, Indiana 46406

Dear Debra:

As per our conversation last week, I am sending you this letter to confirm that the LCRBDC had taken six (6) of the electric "Milwaukee" drill operators which will be used to open and close sluice gates during maintenance and emergency response conditions. I realize from the letter from Luci Horton dated August 30, 2006, that United Water is doing an inventory list of all the material we turned over to you (as per your inventory list dated November 8, 2005), and that these operators appeared to be the only items that were not in your possession.

Sluice gate inspections were held with United Water on September 19 and 20, and three (3) of these operators are currently in the possession of Mr. David Hughes (who represented United Water) during these inspections. It is my intent to turn these over to the Gary Sanitary District in the near future in order that they may be used to close sluice gates during emergency flood conditions. Please let me know what procedure will be required in order that both the LCRBDC and GSD can sign off acknowledging receipt of these materials. If you need any further information or have any questions, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent
Engineering/Land Management

/sjm

cc: Hamilton Carmouche, Attorney, city of Gary
Luci Horton, Gary Sanitary District
Geraldine Tousant, city of Gary
Dwain Bowie, United Water
David Hughes, United Water
Greg Ciaccio, United Water
Don Smales, Greeley & Hansen
Jay Niec, Greeley & Hansen
Imad Samara, Army Corps
Rick Ackerson, Army Corps
Lou Casale, Attorney, LCRBDC

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

CONTRACT NO.: W912P6-05-C-0010
CONTRACTOR: Illinois Constructors Corporation
DESCRIPTION: Local Flood Protection Little Calumet River, Indiana Stage VI-1 North Levee

TS-C-S
D. Anderson
Druzicki
Lee

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	30-Sep-05	5,566,871.00
NTP DATE/CURRENT CONTRACT AMOUNT: Mods A00001 & P00008	19-Oct-05	5,612,789.00
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	21-Jul-07	640
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	2-Aug-07	652
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	2-Aug-07	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 8	3,145,914.28
B. Estimated Earnings thru end of reporting period (Aug+Sep+Oct)	650,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)	0.00

TOTAL ESTIMATED PROGRESS (A+B+C) 3,795,914.28

D. Work Paid for but not in Place (Materials in Storage)	150,000.00
--	------------

TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D) 3,645,914.28

E. Potential Termination Costs (% of Remaining Costs){If Applicable}	0.00
--	------

FINANCIAL PROGRESS - (A+B+C+D-E) 3,795,914.28

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

F. Current Contract Amount thru Mod. A00001 & P00008	5,612,789.00
G. Current Value of Overruns/Underruns (+/-)	0.00
H. Directed, Pending Modifications	-35,610.41

TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H) 5,577,178.59

FUNDS OBLIGATED FOR PAYMENT: thru Modification A00001 & P00008	3,947,000.00
--	--------------

ACTUAL PERCENT COMPLETE (A+B+C-D)/(F+G+H) 65.37%

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	60.00%
--	--------

TOTAL EARNINGS AT THE END OF FY06 3,145,914.28

PROJECT STATUS/MAJOR ISSUES:

- Pay #9 for Aug Earnings being reviewed, paid in October.
- Levee complete from Kennedy Ave to Oxbow, Oxbow to preload. Working on SSP from Cline Ave west.
- Work continues on Gatewell structures.

Calumet Area Office
Construction Progress Report
Thru End of: October 2006

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	Druzicki
		Lee

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	30-Sep-04	6,503,093.70
NTP DATE./CURRENT CONTRACT AMOUNT: Mods	P00012& A00001	4-Nov-04 7,378,033.30
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	4-Dec-06	760
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	4-Mar-07	850
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	4-Mar-07	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	15	5,937,394.80
B. Estimated Earnings thru end of reporting period		120,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		62,000.00
TOTAL ESTIMATED PROGRESS (A+B+C)		6,119,394.80

D. Work Paid for but not in Place (Materials in Storage)		0.00
--	--	------

TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		6,119,394.80
---	--	---------------------

E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
--	--	------

FINANCIAL PROGRESS - (A+B+C+D-E)		6,119,394.80
---	--	---------------------

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

F. Current Contract Amount thru Mod.	P00012& A00001	7,378,033.30
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		91,000.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		7,469,033.30

FUNDS OBLIGATED FOR PAYMENT: thru Modification	P00012& A00001	5,959,999.00
--	----------------	--------------

ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		81.93%
---	--	--------

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		80.00%
--	--	--------

TOTAL EARNINGS AT THE END OF FY06		5,937,394.80
--	--	---------------------

PROJECT STATUS/MAJOR ISSUES:

- Will need funding mod to pay for next pay request. Can only accrue up to obligated amount.
- Work on pump station critica, all concrete is in place, prep for electrical installation, need to finalize mod. Pumps shipped 10/3 from Korea.
- Prep for rec trail work. Haul debris from park area should be done by end of month.

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

CONTRACT NO.:	W912P6-05-C-0006	TS-C-S
CONTRACTOR:	Dyer Construction Company	D. Anderson
DESCRIPTION:	Little Calumet River, Stage VI-Phase II	Druzicki Babcock

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	29-Jul-05	4,205,644.17
NTP DATE./CURRENT CONTRACT AMOUNT: Mods	P00006	11-Aug-05
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	2-Feb-07	540
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	2-Feb-07	540
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	2-Feb-07	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	10	3,619,528.12
B. Estimated Earnings thru end of reporting period (Work thru 10/31)		350,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		34,712.15
TOTAL ESTIMATED PROGRESS (A+B+C)		4,004,240.27

D. Work Paid for but not in Place (Materials in Storage)		0.00
--	--	------

TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		4,004,240.27
---	--	---------------------

E. Potential Termination Costs (% of Remaining Costs) {If Applicable}		0.00
---	--	------

FINANCIAL PROGRESS - (A+B+C+D-E)		4,004,240.27
----------------------------------	--	--------------

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

F. Current Contract Amount thru Mod.	P00006	4,205,644.17
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		34,712.15
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		4,240,356.32

FUNDS OBLIGATED FOR PAYMENT: thru Modification	P00006	4,114,000.00
--	--------	--------------

ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		94.43%
---	--	--------

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		93.00%
--	--	--------

TOTAL EARNINGS AT THE END OF FY06		3,275,754.32
-----------------------------------	--	--------------

PROJECT STATUS/MAJOR ISSUES:

- Pay #10 runs thru 10/15, paid 10/20 for \$343,773.80. Balance of October (estimate \$350,000 for accrual) will include remaining earthwork which will be complete by end of October. Will need survey and x-sections to get to final quantity.
- Gatewell structures complete.
- Levee from gatewell to Cline Ave. almost complete, placing topsoil, cutting ditches.
- Need to finalized mod for SSP thru dump area on Liabe. Weather mod will allow for completion of landscape items in spring if necessary.

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

CONTRACT NO.:	W912P6-06-XX-0099	TS-C-S
CONTRACTOR:	Superior Construction Company	D. Anderson
DESCRIPTION:	Local Flood Protection Little Calumet River, Indiana Burr Street Betterment Gary	Druzicki
		Lee

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	18-Jan-06	2,301,518.00
NTP DATE/CURRENT CONTRACT AMOUNT: Mods	31-May-06	2,301,518.00
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	24-Aug-07	450
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	24-Aug-07	450
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	24-Aug-07	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	3	1,156,999.30
B. Estimated Earnings thru end of reporting period		275,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		66,720.00
TOTAL ESTIMATED PROGRESS (A+B+C)		1,498,719.30

D. Work Paid for but not in Place (Materials in Storage)		0.00
--	--	------

TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		1,498,719.30
---	--	---------------------

E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
--	--	------

FINANCIAL PROGRESS - (A+B+C+D-E)		1,498,719.30
----------------------------------	--	--------------

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

F. Current Contract Amount thru Mod.	0	2,301,518.00
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		187,220.00

TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		2,488,738.00
--	--	---------------------

FUNDS OBLIGATED FOR PAYMENT: thru Modification		2,301,518.00
--	--	--------------

ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		60.22%
---	--	--------

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		50.00%
--	--	--------

TOTAL EARNINGS AT THE END OF FY06		1,156,999.30
-----------------------------------	--	--------------

PROJECT STATUS/MAJOR ISSUES:

- Impervious material complete.
- Working on ditches, started on Calhoun St road raise. Change pending for fully riprap bottom of Ditch 5 (need city approval).
- Issue with real estate for Ditch 10 is resolved, LCRBDC reached agreement w/ owner 10/16. Email clearing contractor to start work expected 10/17.

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

CONTRACT NO.:	W912P6-04-C-0003	TS-C-S
CONTRACTOR:	Tallgrass Restoration, LLC	D. Anderson
DESCRIPTION:	Little Calumet River Landscaping, Phase 2	Druzicki Rundzaitis

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	30-Jun-04	648,995.23
NTP DATE./CURRENT CONTRACT AMOUNT: Mods P00004	29-Jul-04	648,995.23
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	1-Oct-10	2255
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	1-Oct-10	2255
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	1-Oct-10	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 5		96,102.50
B. Estimated Earnings thru end of reporting period		15,000.00
C. Value of work Performed on Directed Mods (Earnings not paid for)		0.00
TOTAL ESTIMATED PROGRESS (A+B+C)		111,102.50

D. Work Paid for but not in Place (Materials in Storage)		0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		111,102.50

E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
--	--	------

FINANCIAL PROGRESS - (A+B+C+D-E)		111,102.50
----------------------------------	--	------------

TOTAL ESTIMATED FINAL CONTRACT AMOUNT		
F. Current Contract Amount thru Mod. P00004		648,995.23
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		648,995.23

FUNDS OBLIGATED FOR PAYMENT: thru Modification P00004		115,000.00
---	--	------------

ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		17.12%
---	--	--------

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		15.00%
--	--	--------

TOTAL EARNINGS AT THE END OF FY06		96,102.50
-----------------------------------	--	-----------

PROJECT STATUS/MAJOR ISSUES:

- Seed order placed. Seeding scheduled for October 15 to November 15.
- Funding modification needs to be processed to cover expenditures thru 12/31/06.

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

CONTRACT NO.:	DACW23-02-C-0011	TS-C-S
CONTRACTOR:	Renewable Resources	D. Anderson
DESCRIPTION:	Little Calumet River - Mitigation	Druzicki Babcock

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

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No.	15	1,341,844.96
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)		1,341,844.96

D. Work Paid for but not in Place (Materials in Storage)		0.00
--	--	------

TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)		1,341,844.96
---	--	---------------------

E. Potential Termination Costs (% of Remaining Costs){If Applicable}		0.00
--	--	------

FINANCIAL PROGRESS - (A+B+C+D-E)		1,341,844.96
----------------------------------	--	--------------

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

F. Current Contract Amount thru Mod.	P00017	1,405,940.96
G. Current Value of Overruns/Underruns (+/-)		0.00
H. Directed, Pending Modifications		0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)		1,405,940.96

FUNDS OBLIGATED FOR PAYMENT: thru Modification	P00017	1,341,940.96
--	--------	--------------

ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)		95.44%
---	--	--------

SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)		95.00%
--	--	--------

TOTAL EARNINGS AT THE END OF FY06		1,341,844.96
-----------------------------------	--	--------------

PROJECT STATUS/MAJOR ISSUES:

- Contractor is in mainenance and monitoring period. Possible burn this fall depending on conditions.
- Herbicide treatment selective areas continuing. Contractor is preparing reports.

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

TS-C-S

CONTRACT NO.:	DACW27-01-C-0001	D. Anderson
CONTRACTOR:	Overstreet Electric Co., Inc.	G. Anderson
DESCRIPTION:	Little Calumet River - Pump Station Rehabilitation Phase 1A	Craig

ORIGINAL CONTRACT AWARD DATE/AMOUNT	5-Oct-00	4,638,400.00
NTP DATE/CURRENT CONTRACT AMOUNT: Mods A00015 & P00020	7-Nov-00	4,262,835.48
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION	8-Oct-02	700
REVISED CONTRACT COMPLETION DATE/REVISED DURATION	21-Oct-04	1,444
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS	21-Oct-04	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 30	4,239,286.58
B. Estimated Earnings thru end of reporting period	0.00
C. Value of work Performed on Directed Mods (Earnings not paid for)	0.00

TOTAL ESTIMATED PROGRESS (A+B+C) 4,239,286.58

D. Work Paid for but not in Place (Materials in Storage)	0.00
--	------

TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C+D) 4,239,286.58

E. Potential Termination Costs (% of Remaining Costs) (If Applicable)	Not Available
---	---------------

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

TOTAL ESTIMATED FINAL CONTRACT AMOUNT

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

TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H) 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+H) 86.00%

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

TOTAL EARNINGS AT THE END OF FY06 4,239,286.58

PROJECT STATUS/MAJOR ISSUES:

- Corps sent Overstreet a "cure letter" on 19 OCT 2004 due to lack of progress. Overstreet submitted a number of partial responses. Overstreet unable to obtain a pump rebuilding subcontractor to complete the work.
- The Corps sent Overstreet and Overstreet's bonding company a "show-cause" letter on February 7, 2005 indicating the Government is considering terminating the Contract under the provisions for Default.
- On February 16, 2005, Overstreet responded with a preliminary plan on the remaining Contract work. Overstreet's still unable to finalize a pump rebuilding subcontract.
- On March 9, 2005, Overstreet provided the lone proposal received for completing the pump rehabilitation work. Overstreet has indicated that the price is unreasonable since the amount is \$500,000 more than the unpaid amount remaining with Viking.
- Overstreet's bonding company met with Overstreet on March 21 and 22, 2005 to collect information on the Contract. A conference call between the bonding company, the Corps, and Overstreet was supposed to be scheduled but never occurred.
- Contracting Officer issued a followup "show cause" notice on 30 MAR 2005. Overstreet did not formally respond.
- It is estimated that only \$23,548.90 was earned by Overstreet between 22 OCT 2004 and 14 APR 2005. No work has been completed since 14 APR 2005.
- The Termination for Default Modification P00020 was issued by the CO on 22 FEB 2006.

The T4D mod decreased the contract amount by \$711,445.19 (estimated work not complete) from \$4,974,280.67 to \$4,262,835.48. \$119,791.61 was deobligated, decreasing total funded from \$4,382,627.09 to \$4,262,835.48.

The Bonding Company met with USACE at the Calumet Area Office on 5 OCT 2006 to discuss remaining work at the Pump St. After the meeting a tour of the pump stations was conducted to verify remaining work.

**Calumet Area Office
Construction Progress Report
Thru End of: October 2006**

CONTRACT NO.: DACW27-01-C-0008	TS-C-S
CONTRACTOR: Overstreet Engineering and Construction, Inc.	D. Anderson
DESCRIPTION: Little Calumet River - North Fifth Ave. Pump Station Rehabilitation	G. Anderson Craib

ORIGINAL CONTRACT AWARD DATE/AMOUNT:	21-Feb-01	2,387,500.00
NTP DATE/CURRENT CONTRACT AMOUNT: Mods A00014 thru P00012	16-Apr-01	2,518,988.44
ORIGINAL CONTRACT COMPLETION DATE/ORIGINAL DURATION:	17-Mar-03	700
REVISED CONTRACT COMPLETION DATE/REVISED DURATION:	27-Jan-04	1,016
PENDING SCHEDULED COMPLETION DATE/PENDING TIME EXTENSIONS:	27-Jan-04	0

ESTIMATED PROGRESS

A. Present Earnings as of Pay Est. No. 23	2,494,289.22
B. Estimated Earnings thru end of reporting period	0.00
C. Value of work Performed on Directed Mods (Earnings not paid for)	0.00
TOTAL ESTIMATED PROGRESS (A+B+C)	2,494,289.22
D. Work Paid for but not in Place (Materials in Storage)	0.00
TOTAL VALUE OF PHYSICAL PROGRESS (A+B+C-D)	2,494,289.22
E. Potential Termination Costs (% of Remaining Costs){If Applicable}	0.00
FINANCIAL PROGRESS - (A+B+C+D-E)	2,494,289.22
TOTAL ESTIMATED FINAL CONTRACT AMOUNT	
F. Current Contract Amount thru Mod. A00014 thru P00012	2,518,988.44
G. Current Value of Overruns/Underruns (+/-)	0.00
H. Directed, Pending Modifications (A00013 & A00014)	0.00
TOTAL ESTIMATED FINAL CONTRACT AMOUNT (F+G+H)	2,518,988.44
FUNDS OBLIGATED FOR PAYMENT: thru Modification A00014 thru P00012	2,518,988.44
ACTUAL PERCENT COMPLETE (A+B+C+D-E)/(F+G+H)	99.02%
SCHEDULED PERCENT COMPLETE (per NAS or Progress Chart)	100.00%
TOTAL EARNINGS AT THE END OF FY06	2,494,289.22

PROJECT STATUS/MAJOR ISSUES:

- Contract substantial completion date was 27 January 2004.
- The Corps sent Overstreet a "Show Cause" Notice by email on 16 AUG 2005. Contractor responded to this Notice on 16 AUG 2005. A subsequent letter was sent to Overstreet on December 1, 2005 requesting completion of remaining punch list items, in a diligent manner.
- Overstreet has completed all punchlist items except: Submission of three electrical spare parts; Submission of Final As-Built drawings and demobilization.
- The Final 10 O&M manuals have been received, approved and delivered to the PM and sponsor.
- A Final Inspection was performed on 28 February, 2006 with representatives from USACE, Town of Highland, LCRBDC and Overstreet. - A Final Inspection letter was issued 15 MAR 2006 summarizing events and correspondence documenting Overstreet's continued failure to complete remaining punchlist items that clearly demonstrates Overstreet's unsatisfactory performance.
- Punch List Items remaining on 21 MAR 2006: Demobilization complete. As-Built's have not been completed.
- Overstreet can not be contacted - phone line is no longer in service.
- District office has prepared the As-Built's and they have been signed. The As-Built's have not been distributed.
- The Calumet Area Office is waiting for file copies and copies to distribute to local sponsor.

PROJECT ENGINEERING MONTHLY STATUS REPORT

For meeting on Wednesday, November 1, 2006

(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 September 28 – October 26, 2006)

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 a letter from Northwest Engineering on behalf of the City of Gary, questioning the sizing and hydrology information for the Broadway Pump Station (completed in 1998 as part of this contract).

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.

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

1. Project completed in November, 1998.
 - Dyer Construction – Contract price: \$3,329,464

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

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

STATUS (Stage V Phase 1) Wicker Park Manor:

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

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

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

The lift station at the Southwest corner of the existing levee that will handle interior drainage has been completed as part of the Stage III remediation project. (See Stage III remediation in

- this report for details.) 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 August 22 and 23 of 2006. Both stations were found to be satisfactory as per COE plans and specs.

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 - \$2,501,776
 - Original contract amount- \$2,387,500
 - Amount overrun - \$114,276 (4.8%)
 - Project is currently 99% completed
2. LCRBDC received a copy of the pre-inspection punch list from Highland on February 2, 2004. (Dated January 29, 2004.)
3. Minor items remain to be completed.
4. A final inspection was held with the COE, town of Highland, and the LCRBDC on February 28, 2006 as part of the O&M turnover.
 - A letter was sent by the Army Corps to Overstreet on March 15, 2006 listing the items remaining to complete the contract.
 - 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.
5. Can turn over to Highland upon receipt of “as-built” drawings from Corps (**Refer to O&M Report – North 5th Pump Station**)

STAGE III Drainage Remediation:

1. Project completed on June 23, 2005.
 - A. Dyer Construction – Contractor
 - B. Final Inspection – June 23, 2005
 - Received partial O&M manuals and spare parts from the COE on July 13, 2005; received remainder of manuals & spare parts on August 23.
 - Received as-built drawings from the COE on December 23, 2005. (This is the last item that was needed to turn over the (2) pump stations to Gary for O&M responsibility)
 - Agreement for O&M turnover to Gary is being finalized (Ongoing) (Refer to O&M Report for details) These (2) stations will be 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. Bids were opened on June 30 and the low bidder was ECO SYSTEMS, INC.
 - 104 acres included in bid – 100 to be herbicided, remaining 4 acres are ditches.
4. 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.
5. C&H Mowing was given the contract to mow approximately ½ of the existing Gary levees to allow for herbicide treatment. These segments have had herbicide treatment.
 - Mowing these segments was completed June 28. Remainder of levee mowing was done by LCRBDC as part of our current O&M responsibilities.
6. Monthly Construction Status Report from COE (Refer to Handout)

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

1. This portion of construction was advertised, partially paid for, and coordinated by the City of Gary. The Army Corps is overseeing the design and construction to assure compliance with Federal specifications.
 - The Memorandum of Agreement was signed by Gary on December 21, 2005 (Board of public Works), and Gary Stormwater Management Group on December 13, 2005.
2. Bid opening was held at the Board of Public Works meeting on January 18, 2006.
 - The low bidder is Superior Construction with a bid of \$2,492,245.00
 - The Gary Board of Public Works signed the “Notice of Award of Bid” at their February 1, 2006 Board of Public Works meeting.
 - A letter was sent to the GSD by their engineering consultant (Greeley & Hansen) on March 27, 2006 indicating the low bid by Superior was reduced by \$190,727 through negotiations, and is currently \$2,301,518. It included the cost breakdown of all funding to complete this project for Gary & LCRBDC
3. **Change Order for Ditch #5 riprap**
 - Meeting held on October 19, 2006 at Gary Public Works to review contractor request for \$200,000 extra for riprap change from Calhoun to Burr Street because of high water table. 1-4
 - Changes for extras and credits combined were received from the COE on October 16, with a net extra cost of \$129,818.92. 5
 - Received response from Greeley & Hansen on October 20 indicating J. F. New designed this area for water quality control and if changes made, they needed to be informed. Question of who pays. 6
4. After field coordination, it was determined that no utility pole re-locations would be required due to road raise construction. 7

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

1. This portion of construction was advertised, coordinated, and facilitated by the Corps and LCRBDC as a betterment levee.
2. A letter of authorization was sent to NIPSCO on June 12 allowing NIPSCO to excavate

and expose welded joints on their pipes along our line of sheet piling to determine utility re-locate costs for pipe reinforcement.

3. A follow-up was sent to GSD on September 28 requesting they coordinate the cleaning of a culvert under the NSRR, west of Clark, to drain down an isolated area where we will be doing levee construction.

- **The culvert, ditch west of Calhoun, and culvert under the NIPSCO R/W were cleaned and cleared out. Water level went down 2" in about a week.**

8-9

STATUS (Stage V Phase 2) Kennedy Avenue to Northcote

1. UTILITY CORRIDOR COORDINATION

A. Buckeye Partners:

- Received comments from Buckeye Partners regarding pipeline impacts due to our construction on November 4, 2005, and submitted them to the Corps, to include in their 50% submittal, on November 9, 2005.

B. NIPSCO

- NIPSCO pipeline corridor east of the Norfolk Southern Railway Company, west of Kennedy Avenue. (LCRBDC received conceptual drawings from the Corps on May 11, 2005)
- Letters have been sent to all of the pipeline companies requesting their comments, engineering review, easement agreement with NIPSCO, and cost information.
- Supplemental follow-up letters were sent to pipelines that had not yet responded on January 19, 2006 (Marathon, B.P. Amoco, and Explorer)
- With the engineering for plans and specs to re-start it is the intent to gather all information from the pipeline companies and forward it to the COE as they come in, in order to incorporate this data and their design concerns, into the plans.
- A utility coordination meeting was held with all the pipeline companies on June 27, 2006 to review engineering concerns, answer questions, and discuss scheduling.
- Pipelines were given the 50% plans and specs for review and comment on July 6, 2006. This set did not provide adequate design information and LCRBDC needs additional information to get cost and design information.
- **COE indicated at October 26, 2006 Real Estate meeting that initial drawings for review for the pipeline corridor (and west of the NSRR) will be available for comments the end of November 2006.**

2. LCRBDC discussed the possibility of modifying design west of the NSRR by using the "sheet pile & bridging" technique to eliminate the \$450,000 directional bores for (2) 8" Conoco Phillips Pipeline company lines.

- Conoco Phillips Pipe Line submitted information regarding 10-year old information from Stanley Consultants on May 9, 2006 requesting clarification.
- LCRBDC responded on May 15 clarifying current design, funding, and scheduling.
- Conoco Phillips provided cost information to provide engineering review in the amount of \$57,000. They have provided previous estimates, field visits, and design reviews at no charge to the project.
- **LCRBDC responded to Conoco Phillips and COE on September 29 indicating to the COE we could not precede with utility coordination without design in this area. Accordingly, LCRBDC is on hold until next level of design is completed by COE for review.**

10-11

3. A coordination meeting was held at the Wicker Park Pro Shop on October 19, 2006 with the CPWW, North Township, Town of Munster, and the LCRBDC to discuss current review, engineering status, and answer questions. **(Primarily in the area west of Hart Ditch between Fairway and Alta Vista (I-Wall construction)).**

- **This was basically to address questions and concerns in a letter to Frank Mrvan Jr. dated October 12, 2006.**

12-13

4. The Army Corps has contracted out a firm that is doing the design for the railroad closures north and south of the river, west of Kennedy Avenue, on the NSRR, as part of the V-2 construction.

- **Contract has been awarded and initial engineering for review will be available the end of November, 2006.**

5. The 50% plans and specifications were submitted for review and comments on July 6th, 2006, with a review due date of July 28th, 2006.

- On August 2, LCRBDC requested another review prior to the 100% to allow all reviewers a chance to review a complete set of drawings.

6. 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.

- Letter to INDOT on September 7 indicating our funding is in place and our construction schedule.
- LCRBDC received an email from INDOT on September 21 indicating that their schedule is to let their contract in the fall of 2007
- **Received an email from INDOT on October 9, 2006 indicating they have a meeting scheduled, will iron out item responsibility, and will forward meeting minutes when available.**

14

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

1. Illinois Constructors Corporation was awarded the contract on September 30, 2004.
 - COE estimate (without profit) - \$6,141,815.00
 - Low bid (awarded amount) - \$6,503,093.70 (Awarded September 30, 2004)(6% over estimate)
 - Current contract amount \$7,378,033 (13% over estimate)
 - 700 days to complete from contractor receiving his "Notice to Proceed" (November 4, 2004) Date is currently March 4, 2007.
2. Monthly Construction Status Report from the COE received.
3. A monthly progress meeting was held on September 26, 2006 with the COE and Illinois Constructors. (Copy of total report available upon request)

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

1. The bid results for this project were posted on August 24, 2005 and the low bidder is the Illinois Constructors Corporation.
 - The bid amount is \$5,566,871, and the Army Corps estimate (without profit) is \$6,525,253. (Official award was September 30, 2005)
 - The bid is \$958,382 (or 14.7%) under the Federal estimate
 - \$912,464 under Federal estimate (or 13.9%)
 - Received Modification #1 to the contract increasing the contract cost by \$45,918 for additional geotec fabric under riprap on September 14, 2006.
 - Received Modification #5 to the contract on September 12, 2006 requesting an additional \$500,000 be made available for funding.

2. Coordination with the Lake County Highway Dept., LCRBDC, and the Army Corps will be required for the upcoming construction by the county for their bridge and our construction on and adjacent to Kennedy Ave.
 - The Army Corps has indicated that they will provide their own design and construct (2) independent walkways under a separate contract. They have also been reminded to assure concrete closure slabs with the Lake County contract in order to close Kennedy Avenue only once.
3. Monthly Construction Status Report from the COE received.
4. A monthly construction progress meeting was held on September 26, 2006 (copy of report available upon request).

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

1. Dyer Construction was awarded the contract on July 29, 2005.
 - Corps estimate (without profit) - \$5,720,757
 - Low bid (awarded amount) - \$4,205,645 (approx. 26% under Corps estimate)
 - 540 days to complete from contractor receiving his "Notice to Proceed" (August 11, 2005)
 - Current construction completion date – February 2, 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 Modification to Contract #5 on September 22 requesting an additional \$139,000 in funding for a total available contract funding amount of \$3,064,000.** 15-18
4. Monthly Construction Status Report from the COE received.

STATUS (Stage VII) Northcote to Columbia:

1. The final contract with Earth Tech to do the A/E work for this stage/phase of construction was signed and submitted by the COE on December 21st, 1999.
2. The schedule shows a June, 2008 contract award and a July, 2009 Completion.
3. All survey work on both sides of the river has been completed.

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

1. The COE has provided final real estate plans for review on March 23.
 - LCRBDC made comments and concerns on April 19, 2006.
2. Survey work is ongoing and LCRBDC has divided work between DLZ, GLE, and Torrenga Engineering. (Refer to Stage VIII – Land Acq. Report.)
 - **Email sent to surveyors on October 22 requesting all completed location survey work be submitted to LCRBDC by October 27 to begin process with the Buffalo Army Corps.** 19
3. The Chicago Corps indicated to the LCRBDC on September 11 that their Buffalo District will be doing the engineering and specs for Stage VIII.
 - An introductory meeting, and field familiarization, were held on September 26 & 27. They are currently gathering existing data for background mapping, topography, utilities, and any preliminary information provided by SEH (previous A/E).

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

1. Bids were opened on September 17, 2002, and Renewable Resources, Inc. (from Barnesville, Georgia) is the successful bidder.
 - The current contract amount is \$1,341,940.96
 - Amount overrun - \$420,838 (above their bid). This is approx. a 46% overrun.
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)
4. Received copy of permit from IDEM on May 8 to perform a prescribed burn on these properties.

West Reach Pump Stations – Phase 1A:

1. The four (4) pump stations that are included in this initial West Reach pump station project are Baring, Walnut, S. Kennedy, and Hohman/Munster.
2. Low bidder was Overstreet Construction. Notice to proceed was given on November 7th, 2000 – 700 work days to complete (Anticipated completion date is August 26, 2004)
 - Current contract amount - \$4,974,280.67
 - Original contract amount - \$4,638,400
 - Amount overrun – \$335,880 (7.2%)
3. Monthly Construction Status Report from the COE received.
 - Refer to this Report for status on all four (4) stations and the status of the "termination of contract".
 - Most recent action was October 21, 2005 whereby a revised termination of default memo was sent out for verification and signatures.
4. **LCRBDC received a letter from the town of Munster on October 13, 2006 requesting a plug-in receptacle for their back-up generator at the Baring Pump Station.**
 - **Received response from Corps that it has already been installed as part of the 1A contract & forwarded this information to Munster.**

20
21

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.

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

1. An email was sent to Lawson-Fisher on December 27 informing them to proceed with their scope of work at a cost not to exceed \$9,700.
 - Scope includes determining what is required by FEMA to certify this line of protection.
 - A meeting was held with the COE, FEMA, IDNR, LCRBDC, and Lawson-Fisher to discuss the scope of work. (This was held at the FEMA office in Chicago on February 9, 2006 at 10:00 a.m.)
2. Lawson Fisher did an inspection of the levee on March 28 and has a draft report on what is required for levee certification.
 - LCRBDC received the final memorandum with a summary of their inspection on May 15, 2006. (Additional information on future phases available upon request)

3. 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. 22

GENERAL

- 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.
- B. A meeting was held on July 27, 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.
- C. **27th & Chase Street – Pump Station Remediation**
1. Design is completed, Corps submitted real estate requests, surveys completed, need right to construct (Refer to Land Acquisition Report).
 2. As part of the turnover process, the COE has been working with the GSD & United Water to remediate a drainage problem at their existing 27th & Chase pump station.
 - Design is ongoing, and the COE anticipates drawings will be ready for review by mid-September.
 - > Received a request from Gary about getting prints to review. 23-24
- D. A meeting was held with Congressman Visclosky on October 5, 2006 at 8026 N. Drive (Stage VI-1 South) to address (8) questions presented by residents asking contractual and project questions.

Jim Pokrajac

From: "Arnie Muzumdar" <muzumdar@netnitco.net>
To: "Lee, Curtis A LRC" <Curtis.A.Lee@lrc02.usace.army.mil>; "Geraldine Tousant" <gtousant@ci.gary.in.us>
Cc: "Druzicki, David E LRC" <David.E.Druzicki@lrc02.usace.army.mil>; "Jim Pokrajac" <jpokrajac@nirpc.org>; "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>; "John C. Dudlicek, P.E." <dudlicek@grimmerconstruction.com>; "Anderson, Douglas M LRC" <Douglas.M.Anderson@lrc02.usace.army.mil>; <pbeeks@ci.gary.in.us>; "Luci Horton" <Luci@garysan.com>; "Dan Gardner" <DGardner@nirpc.org>; "Sam Shapira" <sshapir@ci.gary.in.us>
Sent: Monday, October 16, 2006 3:22 PM
Subject: Re: Burr Street Levee

Please be advised that at the request of Deputy Mayor Geraldine Tousant a meeting has been scheduled. The purpose of this meeting is to discuss the proposed change of the specified seeding of the side slopes of Ditch #5 and #10 to rip-rap, at a net additional cost of approximately \$200,000

Meeting Date: Thursday, October 19, 2006
Time: 10:00 A.M.
Place: Office of Department of Public Works, 3rd Floor,
 401 Broadway, Gary, Indiana.

Also discuss what items can be deferred on this project without losing the integrity of the levy, to meet the above additional cost.
 Attendance is requested from each principal or representative.

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

From: Arnie Muzumdar
To: Lee, Curtis A LRC ; Geraldine Tousant ; Sam Shapira
Cc: Druzicki, David E LRC ; Jim Pokrajac ; Samara, Imad LRC ; John C. Dudlicek, P.E. ; Anderson, Douglas M LRC ; pbeeks@ci.gary.in.us ; Luci Horton ; Dan Gardner
Sent: Monday, October 16, 2006 8:02 AM
Subject: Re: Burr Street Levee

Dear Ms. Tousant:

I recommend that you request a meeting with the COE, LCRBD, GSWMD and our office to discuss the requested change in design from seeding the side slopes to rip-rap. Because of the high ground water table in this area, seeding will not be effective. It is my understanding that the original design was made by GSWMD and incorporated into the COE plans.

According to the project contractor's time schedule he is set to apply seeding to the side slope this week, therefore the urgency of this meeting to determine what protection is to be applied to the side slopes. I will be available anytime this week, except Thursday (10/19/06) afternoon.

Notification of this request is being sent by E-Mail to all concerned.

Aravind Muzumdar

cc: COE, LCRBD, GSWMD

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

From: Lee, Curtis A LRC

To: Geraldine Tousant ; Arnie Muzumdar ; sshapira@ci.gary.in.us

Cc: Druzbecki, David E LRC ; Jim Pokrajac ; Samara, Imad LRC ; John C. Dudliceck, P.E. ; Rich Draschil ; gtousan@ci.gary.in.us ; gmalone@ci.gary.in.us ; Anderson, Douglas M LRC

Sent: Wednesday, October 11, 2006 3:22 PM

Subject: RE: Burr Street Levee

Mrs. Tousant

Rip Rap is large pieces of stone put together irregularly or loosely, on river banks, river bottoms and ditches to prevent erosion and washouts.

In reference to the Burr St. Betterment project, Rap Rip is used at the inlets and outlets of most of the ditches. Also, in this contract, the contractor is required to place 3" – 6" stone in ditch #5 (Between Burr St. and Calhoun St.). The contractor and Corps of Engineers believes this is insufficient and will result in the ditch side slopes eroding and other maintenance problems (See Grimmer Construction e-mail below).

See attached pictures that help me explain.

Curtis

From: Geraldine Tousant [<mailto:gtousant@ci.gary.in.us>]

Sent: Wednesday, October 11, 2006 2:05 PM

To: Lee, Curtis A LRC; 'Arnie Muzumdar'; sshapira@ci.gary.in.us

Cc: Druzbecki, David E LRC; 'Jim Pokrajac'; Samara, Imad LRC; 'John C. Dudliceck, P.E.'; 'Rich Draschil'; gtousan@ci.gary.in.us; gmalone@ci.gary.in.us; Anderson, Douglas M LRC

Subject: RE: Burr Street Levee

Good Afternoon All,

What is rip rap?? Sorry to be so dumb!!!

Tousant

From: Lee, Curtis A LRC [<mailto:Curtis.A.Lee@lrc02.usace.army.mil>]

Sent: Friday, October 06, 2006 1:27 PM

To: Arnie Muzumdar; sshapira@ci.gary.in.us

Cc: Druzbecki, David E LRC; Jim Pokrajac; Samara, Imad LRC; John C. Dudliceck, P.E.; Rich Draschil; gtousan@ci.gary.in.us; gmalone@ci.gary.in.us; Anderson, Douglas M LRC

Subject: RE: Burr Street Levee

Hey Arnie

The contractor will be prepared to discuss additional cost for Rip Rap. In reference to other ditches, we may have the same problem with ditch 10, we can discuss this on Tuesday.

Thanks Arnie

From: Arnie Muzumdar [<mailto:muzumdar@netnitco.net>]

2

10/22/2006

Sent: Friday, October 06, 2006 8:15 AM
To: Lee, Curtis A LRC; sshapira@ci.gary.in.us
Cc: Druzbecki, David E LRC; Jim Pokrajac; Samara, Imad LRC; John C. Dudlicek, P.E.; Rich Draschil; gtousan@ci.gary.in.us; gmalone@ci.gary.in.us
Subject: Re: Burr Street Levee

Lee,

In response to your 10/ 5/06 E-Mail you state that Grimmer Construction reported that the natural water table in this area is 3 - 4 ft. above the bottom of the ditch. The plans call for stone and fabric to be used on the 3' of the bottom of the ditch. The plans do not call for any riprap for the side slopes of the ditch. You reported that the contractor **does not believe** that the side slopes of the Ditch will hold with the project Plans which calls for the side slopes be seeded and has suggested the use of rip-rap.

Suggest that prior to your meeting of October 10, 2006, which I plan to attend, you have information as to the cost of the rip-rap that will be used and the amount of credit to be issued for the deletion of the seeding.

If this condition exists for Ditch #5, what about the other ditches.

Aravind Muzumdar, P.E.
 NORTH-WEST ENGINEERING CO.,INC

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

From: Lee, Curtis A LRC
To: sshapira@ci.gary.in.us
Cc: Druzbecki, David E LRC ; Jim Pokrajac ; Samara, Imad LRC ; muzumdar@netnitco.net ; John C. Dudlicek, P.E. ; Rich Draschil
Sent: Thursday, October 05, 2006 12:56 PM
Subject: FW: Burr Street Levee

Hey Sam

As we discussed this morning, the contractor is concerned that once ditch 5 is constructed it will not be stable and continue to erode. See the e-mail below from the contractor (Superior and Grimmer construction) which states their concerns.

I recommend we setup a meeting on site to discuss this Issue. Also, we ask that the following persons attend this meeting, Mr. Arnie Muzumdar (North- West Engineering), a representative from JFNew Engineering, Yourself or Mrs. Gwendolyn Malone (City of Gary), Corps of Engineers, LCRBDC (Jim Pokrajac), and the contractor.

Can we tentatively schedule the meeting for Tuesday @ 10:00 AM, on site, near Burr St.?

Thanks, Curtis

From: John C. Dudlicek, P.E. [mailto:dudlicek@grimmerconstruction.com]
Sent: Thursday, October 05, 2006 10:55 AM
To: 'Rich Draschil'
Cc: Lee, Curtis A LRC
Subject: Burr Street Levee

Rich,

Per the request of the Army Corp of Engineers, we are please to provide the following written request for

information related to the discussions that we had at our jobsite meeting of September 25.

REQUEST FOR INFORMATION

Regarding Ditch 5:

1. The "normal" water table at the location of Ditch 5 is 3 FT to 4 FT above the planned bottom of ditch. This results in a continual seeping of groundwater into the ditch from the sides and bottom. Currently, the design shows 3"-6" diameter stone and fabric be installed for a width of 3 FT at the ditch bottom from STA 13+36 to 24+50. Outside this stone, native plant seed is planned. Because of the seepage, the sides/bottom of the ditch will not remain stable with the planned method of erosion control (vegetation.) Per our discussions, we recommend increasing the rip-rap protection to a width to at least cover the areas below natural water table—(20 to 30 feet wide.) The quantity of stone would increase by 900 to 1600 TN (depends on actual installed width; currently 540 TN planned for contract.) Please advise on how to proceed.
2. Current Design shows no rip-rap planned at all for the bottom of Ditch 5 from Colfax to Calhoun. The same issue as described above exists for this section. To rip-rap protect the bottom of ditch for this section, an additional 1400 to 2100 TN of stone would be required. Please advise on how to proceed.
3. Sheets C-05 through C-07 show a Ditch 5 profile, with bottom of ditch elevations indicated. Looking at the Ditch 5 typical sections on Drawing No. 2, what do those bottom-of-ditch elevations represent? (Top-of-stone? Subgrade below the stone? Top of shelf?) Per our discussions, I would recommend that it be the top-of-stone.

Due to several scheduling and sequencing concerns, we need direction on these issues very quickly. I will make myself available for further discussion, meetings as required to expedite an answer. I would suggest a conference call if you think that might be the quickest way to resolve (I can facilitate that if you need.)

Thank you,

John C. Dudliceck, P.E.



GRIMMER CONSTRUCTION, INC.

2619 Main Street
Highland, IN 46322
219-924-1623 PH
219-924-0328 FX

Jim Pokrajac

From: "Druzicki, David E LRC" <David.E.Druzicki@lrc02.usace.army.mil>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Cc: <muzumdar@netnitco.net>; "Lee, Curtis A LRC" <Curtis.A.Lee@lrc02.usace.army.mil>; "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>; "Rich Draschil" <RDraschil@superior-construction.com>
Sent: Monday, October 16, 2006 2:51 PM
Attach: BurrStGary_Superiorextras.pdf
Subject: Little Cal - Burr St Gary Changes

Jim,

Here are the changes identified to date:

Deletions

\$ 2,500.00 credit Delete requirement for testing impervious fill. Material is from P&C Trucking pit used on 6-1S, 6-2, 6-1N, tests already approved & on file at Calumet Office.
\$ 22,000.00 credit Delete Bid Item 11EA 18" CMP,w/ FES at Burr St. This area will now drain to existing culvert under Burr St.
\$ 3,000.00 credit Delete Bid Item 16 Pavement Marking. Not required, rec trails removed from this contract, no pavmnt. striping on Calhoun currently.
\$ 20,000.00 credit Delete Bid Item 17A Signage. Not required, rec trails no longer part of this project.
\$ 47,500.00 credit

Extras

\$177,318.92 Riprap at Sta. 13+50 and 24+50, additional riprap in ditch 10 and ditch 5. Net includes deduct for topsoil, seeding, etc.

Total proposed changes \$177,318.92-\$47,500.00=\$129,818.92

The attached pdf from Superior Construction shows a breakdown of the extras.

David E. Druzicki

U.S. Army Corps of Engineers

david.e.druzicki@usace.army.mil

Phone: 219-923-1763

Fax: 219-923-2957

5

10/22/2006

Jim Pokrajac

From: "Niec, Jay" <jniec@greeley-hansen.com>
To: <Curtis.a.lee@usace.army.mil>
Cc: "Imad Samara" <Imad.Samara@lrc02.usace.army.mil>; "Ackerson, Rick D LRC" <Rick.D.Ackerson@lrc02.usace.army.mil>; "Sam Shapiro" <sshapir@ci.gary.in.us>; "Geraldine Tousant" <gtousant@ci.gary.in.us>; "Hamilton L. Carmouche" <hlcarmouche@sbcglobal.net>; "David E. Druzbecki" <David.E.Druzbecki@lrc02.usace.army.mil>; "Dan Gardner" <dgardner@nirpc.org>; "Jim Pokrajac" <jpokrajac@nirpc.org>; "Rich Draschil" <RDraschil@superior-construction.com>; "John Hutzler" <JHutzler@jfnw.com>; "Scott Dierks" <SDierks@jfnw.com>; "Smales, Donald" <dsmales@greeley-hansen.com>
Sent: Friday, October 20, 2006 12:12 PM
Subject: Betterment Levee

Curtis:

Sam Shapiro has called regarding a CO in the amount of \$130,000 that the Contractor has requested regarding placement of rip-rap stone along the embankment of BMP ditch 5 because of a high water table issue in ditch 5. The plans call for an erosion control blanket along the banks, plantings and riprap at specific areas along the toe of the embankment. JF New was the designer of this section and therefore needs to be contacted regarding any change to their design however, the City is not prepared to pay for any changes. The COE was aware of the high water table in this area as was indicated in the borings. So, two things need to be resolved:

1. The intention of ditch 5 was that it serve as a "non-structural" BMP to provide some form of storm water treatment prior to introduction into the pump station and then the LCR. J.F. New designed it and they need to be consulted if their design is proposed to be changed because it may change the intended purpose of ditch 5.
2. The COE was aware of the high water table in the ditch 5 area, if the Contractor cannot complete the project as per the plans and specifications within the time frame provided there in, because of erosion control problems, and the ONLY resolution is rip-rap, AND this change is approved by the designer with no affect to the intended water quality benefits of the BMP for ditch 5, then the COE and the LCRBDC will need to come up with the money to pay for the change -- the City does not have the money, otherwise, the Contractor will need to comply with the installation per the plans and specs.

If there are any questions, please call.

Sincerely, Jay

Jay H. Niec

567 S. Lake Street

Gary, IN 46403

Phone: (219) 938-8354

Fax: (219) 938-8376

Cell: (574) 532-6155

E-mail: jniec@greeley-hansen.com

<http://www.greeley-hansen.com/>

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Druzicki, David E LRC" <David.E.Druzicki@lrc02.usace.army.mil>; "Rich Draschil" <RDraschil@superior-construction.com>; "Lee, Curtis A LRC" <Curtis.A.Lee@lrc02.usace.army.mil>
Cc: "Geri Tousant" <gtousan@ci.gary.in.us>; <bkwoodberry@nisource.com>
Sent: Tuesday, October 03, 2006 3:50 PM
Subject: Re: Burr St Gary - Power Poles along Calhoun St.

All,

Please note the following information from the army corps that no pole re-locations will be required on Calhoun Street due to the road raising, drainage ditch installation, or the construction of our line of protection. If anyone has any questions regarding this information please let me know.

Thanks,

Jim Pokrajac

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

From: Druzicki, David E LRC
To: Rich Draschil ; jpokrajac@nirpc.org
Cc: Lee, Curtis A LRC
Sent: Wednesday, September 27, 2006 1:35 PM
Subject: Burr St Gary - Power Poles along Calhoun St.

Rich and Jim,

After reviewing the location of the power poles along Calhoun St. with the District it appears there will be sufficient clearance from the guardrail to the poles. The poles can remain and no removal or relocation is required. If necessary a few more guardrail posts may be installed.

David E. Druzicki
U.S. Army Corps of Engineers
david.e.druzicki@usace.army.mil
Phone: 219-923-1763
Fax: 219-923-2957

7

10/3/2006

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Black, Hal" <Hal.Black@UnitedWater.com>; <luci@garysan.com>; "Bowie, Dwain" <Dwain.Bowie@UnitedWater.com>
Cc: "Jay Niec (E-mail)" <jniec@greeley-hansen.com>; "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>; "Lavicka, Kelsey W CPT LRC" <Kelsey.W.Lavicka@lrc02.usace.army.mil>; "Arlene Colvin" <acolvin@ci.gary.in.us>; "Druzicki, David E LRC" <David.E.Druzicki@lrc02.usace.army.mil>
Sent: Friday, October 27, 2006 9:36 AM
Subject: Re: Clark Street Drainage

Hal:

I was out on the jobsite last week and it appears that all the debris was removed from the culvert, the ditch was removed from obstructions, and the culverts to the North under the access to the NIPSCO R/W was also cleared. Water was flowing freely, which, at that time lowered the level of water from our upcoming construction site by almost 2 feet. This culvert is the only way this area drains to the Little Calumet River and is critical to keep open. Thank you for providing the services to allow the area to drain. It will definitely help us to reduce upcoming construction costs and speed the completion of construction in this area. Would it also be possible to monitor this area in the future to assure it keeps draining?

Thanks,

JIM POKRAJAC

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

From: Black, Hal
To: Jim Pokrajac; luci@garysan.com; Bowie, Dwain
Cc: Jay Niec (E-mail); Samara, Imad LRC; Lavicka, Kelsey W CPT LRC; Arlene Colvin; Druzicki, David E LRC
Sent: Friday, October 06, 2006 9:47 AM
Subject: RE: Clark Street Drainage

We have issued a PO to IES to open up the culvert under the railroad at Clark St. They are scheduled to do this work on Wednesday, Oct 11. Work will ensure ditch to river is open and not obstructing flow.

Hal Black
 Manager Tech Service
 United Water - Gary

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Thursday, September 28, 2006 10:37 AM
To: Jim Pokrajac; luci@garysan.com; Bowie, Dwain
Cc: Jay Niec (E-mail); Black, Hal; Samara, Imad LRC; Lavicka, Kelsey W CPT LRC; Arlene Colvin; Druzicki, David E LRC
Subject: Re: Clark Street Drainage

Luci,

When we recently did our sluice gate/flap gate inspections I drove by the area south of the NSRR, between Burr Street and Clark and found the level of water to be higher than ever. This is the area where we will be doing our upcoming construction for the remaining section of Betterment Levee in Gary. Our plans call for levee construction in this "swamp" and if the water doesn't drain it could seriously delay this last segment of construction in Gary. The only way this area drains is via a culvert under the railroad, to a ditch West of Clark, and ultimately to the Little Calumet River. This had previously been done by United Water approx. 1 year ago

8

10/27/2006

and drained the whole area in a matter of weeks. Could you please facilitate this again, at your earliest convenience, in order to help us complete the final construction contract in Gary in a timely manner.

Thanks for your help,

Jim Pokrajac

Original Message -----

From: Jim Pokrajac
To: luci@garysan.com ; Dwain Bowie
Cc: Jay Niec (E-mail) ; hal.black@unitedwater.com ; Samara, Imad LRC ; Lavicka, Kelsey W CPT LRC ; Arlene Colvin ; Druzicki, David E LRC
Sent: Wednesday, September 06, 2006 2:19 PM
Subject: Calhoun Street Drainage

Luci,

The LCRBDC and the army corps have released for bid the contract for flood protection construction East of Burr Street and West of Clark as the final contract for levee construction in the City of Gary. Part of this contract will include a tie-back levee in this area and south of the NSRR. Currently, this area has a relatively high level of standing water which creates a construction problem by having to de-water and de-muck in the area of the levee construction, causing a much higher cost to construct. This whole area drains to the Little Calumet River through a culvert under the NSRR, then North along a ditch along the Western R/W of Clark, and eventually to the river.

Approximately one year ago a similiar problem existed and United Water cleared this ditch from debris and opened up the culvert. It was noted that within a week that this area significantly drained. Could you please facilitate this activity to help us complete the final segment in Gary in a timely manner. If you have any questions, or need any additional information let me know. The corps is currently scheduling the award of this contract by the end of September, with a construction start yet this fall. Any consideration to expedite this would be appreciated.

Thank you,

Jim Pokrajac
Agent, Land Management/Engineering
for the LCRBDC

This communication is confidential and proprietary to United Water and its affiliates and is intended solely for the named addressee(s). If you are not the intended recipient, you should not copy, disclose or take any action in reliance on this communication. If you have received this communication in error, please notify the sender by reply e-mail and delete the message and any attached documents.

While we have taken reasonable precautions to ensure that no viruses are present in this E-mail, the recipient should check this E-mail and its attachments for the presence of viruses. United Water and its affiliates accept no liability or responsibility for any onward transmission or use of E-mails and attachments having left the United Water domain.

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Hardt, Bob L" <Bob.L.Hardt@conocophillips.com>; "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>; "Lavicka, Kelsey W CPT LRC" <Kelsey.W.Lavicka@lrc02.usace.army.mil>; "Groboski, John A LRC" <John.A.Groboski@lrc02.usace.army.mil>; "Sampson, Eric LRC" <Eric.Sampson@lrc02.usace.army.mil>
Cc: "Hanten, Gary L" <Gary.L.Hanten@conocophillips.com>; "Cortez, Manuel" <Manuel.Cortez@conocophillips.com>
Sent: Friday, September 29, 2006 4:38 PM
Subject: Re: Little Calumet River Flood Control

All,

I received this response from Conoco/Phillips Pipeline on August 14, 2006. I forwarded this for a response as to how to proceed. The attached estimate of \$57,000 for engineering and field costs would need an action on the part of the LCRBDC if we are to proceed. In a conversation today with Gary Hanten, their local project engineer, he indicated that there was not sufficient data made available from the corps to proceed with any comments or evaluations. They could not comment on the 50% review because there were no details West of the NSRR. Locally I need to proceed with utility or pipeline agreements, but I need more detail to proceed. The situation is similar on the NIPSCO R/W East of the NSRR. I can't even get cost estimates for any re-locates until the corps provides sufficient design and construction coordination in these areas. Budgeting and scheduling needs to be done by the pipelines, which also cannot proceed until you get design done for review and comment in this area. Could you please let me know your current schedule for design and construction coordination (specifications), in order that I may proceed and keep up with our current schedule for StageV-Phase2 construction.

Thanks,

Jim Pokrajac

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

From: Hardt, Bob L
To: jpokrajac@nirpc.org
Cc: Hanten, Gary L ; Cortez, Manuel
Sent: Monday, August 14, 2006 11:04 AM
Subject: FW: Little Calumet River Flood Control

Jim, if you want this to proceed appropriately, we really need to receive the funds so we can retain the services of an outside engineering firm to review and comment on your plans. While we want to facilitate your project, we do not believe it should be at our cost. Once again, please forward the funds to me for my further handling.
 Regards,

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

From: Hanten, Gary L
Sent: Monday, August 14, 2006 10:58 AM
To: Hardt, Bob L
Cc: Cortez, Manuel
Subject: RE: Little Calumet River Flood Control

Fyi, I will be on vacation during the period identified.

Believe we have responded with a funding request to bring in third party Engineering to assist in reviewing site,

COE proposal, defining scope of work and asking questions to clarify design needs. If COE has documentation available for review in addressing the plans, we would like to review prior to a conference call. Thanks.

Gary Hanten
219-397-6666 ext. 307

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

From: Hardt, Bob L
Sent: Monday, August 14, 2006 9:58 AM
To: Hanten, Gary L
Subject: FW: Conoco Phillips Pipeline Request- Conference call

I'll call you to discuss.

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

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Monday, August 14, 2006 9:53 AM
To: Hardt, Bob L
Cc: Lavicka, Kelsey W CPT LRC; Groboski, John A LRC; Sampson, Eric LRC; Samara, Imad LRC
Subject: Conoco Phillips Pipeline Request- Conference call

Bob,

As I indicated earlier, the construction in this area is scheduled to begin next year, and the Army Corps is in the process of re-engineering the segment from Kennedy Avenue to Northcote, which includes the pipeline corridor East of the NSRR and your pipelines West of the railroad. I appreciate your submitting your cost estimate for engineering, but, preliminarily, I think some questions could be answered with a conference call with the corps. They have more detailed information as to their sheetpile installation, and could discuss your concerns. Would you consider either August 17, 18, or 21 at 10:00 A.M., or if a later time would be better let me know. Once we establish a date and a time that is good for you and the corps, I will facilitate the call and let you know how it will be set up.

Thanks for your cooperation,

Jim Pokrajac

//

1921 Alta Vista Ave.

Munster, IN 46321

10-12-06

BARB WHITTAKER

Dear Mr. Mrvan,

This is in response to your request for our questions and concerns regarding the Little Calumet River project between Indianapolis Blvd. and Northcote (which begins next Spring) prior to our meeting with you and other officials scheduled at the Wicker Park Clubhouse at 7:00 p.m. on Thursday, October 19, 2006.

We are particularly interested in **WHAT THE IMPACT WILL BE ON THE NATURAL VEGETATION ON BOTH SIDES OF HART DITCH NORTH OF ALTA VISTA AVE.**

At or before this meeting we need the most recent copies of:

1. FLOOD ZONING MAPS indicating which properties along Hart Ditch North of Ridge Road are in the flood plain (Some residents believe that their mortgages have been removed from requiring flood insurance.)
2. The "LITTLE CALUMET RIVER BASIN DEVELOPMENT STAGE 5 Property Identification Key Map" color-coded showing affected areas.

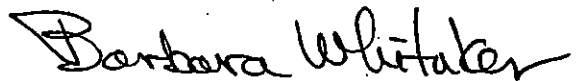
At the meeting we hope to receive documentation to answer the following questions/concerns about the nature of the proposed new berms/walls/levees:

1. How much natural vegetation will be removed from both sides of Hart Ditch?
2. How will the pilings/wall be driven along Hawthorn?

3. Exactly where will the new berm/levees/wall be on both sides of Hart Ditch?
4. What will the bike trail/walking path on the Wicker side look like?
5. Exactly who, and to what extent, will be responsible for restoring and/or maintaining the natural look of the area?
6. By what authority is the Hart Ditch project included in the Calumet River project?
7. Why dredging is not an option.
8. Why are pilings inside the present Hart Ditch sides not an option.
9. Will there be any new type or configuration of services lines (NIPSCO, telephone, fiber optic etc.) in this area?

We are very concerned about the preservation of the unique natural vegetation enjoyed by so many and so rare in our urban/suburban area. It is a quality of life issue as much as a property valuation issue.

Sincerely,



Barbara Whitaker,
Member of Concerned Residents of
Wicker Park Estates

Copy:
Dan Gardner
Tom DeGiulio
Pete Visclosky
Cabelas
Munster Town Hall
Residents

Jim Pokrajac

From: "Egilmez, Allen" <ALLENE@ucea.com>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Monday, October 09, 2006 3:38 PM
Subject: RE: US 41- Phase 1A Project

Jim,

We have a meeting scheduled with INDOT to discuss both US 41 projects, including the one at Little Calumet River. We and INDOT need to iron out some item responsibility but it will be activated and put on a Fall 2007 letting.

As soon as we have the meeting, I will update you on the meeting minutes.

Allen

From: Jim Pokrajac [mailto:jpokrajac@nirpc.org]
Sent: Monday, October 09, 2006 4:20 PM
To: Egilmez, Allen
Subject: US 41- Phase 1A Project

Allen,

I appreciated your response to our letter to you dated September 7, 2006 regarding our funding and scheduling for the upcoming construction of our flood control project on and adjacent to Indianapolis Blvd.. At our last commissioners meeting on October 4, 2006, I was asked what the current status was regarding Indot for their project. Could you please let me know if it has been re-started, funded, or any other pertinent pertinent information that might be available? I was also asked if you might have any tentative time schedule to see how your project could meld with ours. I appreciate any help you can provide.

Thanks'

JIM POKRAJAC

RECEIVED SEP 27 2006

• STAGE VI-2 - MOD. #5

• REQUEST FOR ADDL. INCREMENTAL FUNDING

18-SEP-2006

• REQUEST FOR ADDL. \$ 139,000

• TOTAL CONTRACT FUNDED AMT. - \$ 3,064,000

CELRC-TS-C-S (1180-1-1q)

MEMORANDUM FOR: See Distribution

SUBJECT: Contract No. W912P6-05-C-0006
Little Calumet River, Indiana
Local Flood Protection
Stage VI-2 Levee
Modification No. P00005 - Executed

1. Enclosed for your files is a copy of all pertinent information related to executed Modification No. P00005, under the subject contract.
2. Any questions concerning the enclosed items shall be directed to the undersigned at (219) 923-1763 or 1764.




David E. Druzbecki
Project Engineer
Calumet Area Office

Enclosures

Distribution:

CELRC-TS-C-S (Complete Mod. File)
CELRC-TS-C-C (Complete Mod. File)
CELRC-CT (Complete Mod. File)
CELRC-TS-C-S (Complete Mod. File) D. Druzbecki
CELRC-TS-C-S (Mod. Only) S. Babcock
CELRC-TS-C-S (Mod. Only) Project Binder
CELRC-PM-PM (Mod. Only) I. Samara
LCRBPC (Mod Only) J. Pokrajac ✓

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. P00005		3. EFFECTIVE DATE 13-Sep-2006		4. REQUISITION/PURCHASE REQ. NO. W81G66-5046-5561		5. PROJECT NO. (if applicable)	
6. ISSUED BY U. S. ARMY ENGINEER DISTRICT, CHICAGO 111 NORTH CANAL STREET SUITE 600 CHICAGO IL 60606-7206		CODE W912P6		7. ADMINISTERED BY (If other than item 6) CALUMET AREA OFFICE 906 N. GRIFFITH BOULEVARD GRIFFITH IN 46319		CODE H6L1CSO	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) DYER CONSTRUCTION CO INC JANET FURMAN 1716 SHEFFIELD AVENUE DYER IN 46311-1598				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				X 10A. MOD. OF CONTRACT/ORDER NO. W912P6-05-C-0006			
				X 10B. DATED (SEE ITEM 13) 19-Apr-2005			
CODE OPFS0		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
X D. OTHER (Specify type of modification and authority) EFARS 52.232-5004 Incremental Funding Clause							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: h6tcsded06583 Contract for Little Calumet River, Stage VI-2 at Little Calumet River, Indiana Reference No. R00004 SS005 Incremental Funding - \$139,000.00 See Page 2							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) REGINA G BLAIR / ADDED BY SUMI TEL: 312.840.5371 EMAIL: regina.g.blair@usace.army.mil			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)		16C. DATE SIGNED 15-Sep-2006	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

16

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

MODIFICATION NO. P00005

14. DESCRIPTION OF MODIFICATION (Continued)

A. SCOPE OF WORK

SS005 Incremental Funding - \$139,000

Pursuant to the "Incremental Funding" clause, this modification hereby obligates an amount of \$139,000.00 for this contract.

B. CHANGE IN CONTRACT PRICE

Total contract price is unchanged.

C. CHANGE IN CONTRACT TIME

The contract completion date shall remain unchanged by this modification.

D. CLOSING STATEMENT

Pursuant to the "Incremental Funding" clause, this modification hereby obligates an amount of \$139,000.00 for this contract; thus, increasing the total Contract funded amount to \$3,064,000.00.

SECTION 00800 - SPECIAL CONTRACT REQUIREMENTS

Accounting and Appropriation

17

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$139,000.00 from \$2,925,000.00 to \$3,064,000.00.

Contract Level Funding:

AB: 96 NA X 8862.0000 H6 X 08 2426 075325 96112 3230 KF4KF0
was increased by \$139,000.00 from \$204,750.00 to \$343,750.00

(End of Summary of Changes)

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <glh@garcia-consulting.com>; "John Stuart Fabian" <stuart.allen@torrenga.com>; "Alex Fabian" <alex.fabian@torrenga.com>; "Ray Keilman" <RKeilman@dlz.com>
Sent: Sunday, October 22, 2006 1:31 PM
Subject: Stage VIII Surveys- Request for completed surveys

All,

I have recently been in communication with the Buffalo Army Corps, who will be coordinating your data as part of their responsibility for engineering for this segment, who requested me to forward any completed surveys to them to begin their process. As you know, we are on a tight schedule as directed by Congressman Visclosky, and the survey work is critical to begin the process. As we previously discussed, all I initially require are the location surveys for review. After this review, I will coordinate with Buffalo to finalize design for each lot based upon impacts to property and permanent structures- We want to minimize this impacts as much as possible.

I told them that I would be sending them what we currently have no later than this upcoming Friday (October 27th). To allow me to stay on schedule I need this information as soon as possible. Please let me know your current status now, and what you anticipate your overall schedule is. If you feel that you cannot produce these surveys in a timely manner, let me know and I will research the possibility of shifting these surveys around and obtaining additional help.

Need response, any questions pls. call

JIM POKRAJAC



October 13, 2006

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

Dear Mr. Gardner:

After the discussion of the Baring Avenue Pump Station, the Town of Munster is requesting that the Army Corp of Engineers outfit the Baring Avenue Pump Station with a plug-in to run a back up generator. The Baring Avenue Pump Station has not been 100% completed and has not been signed off as yet with the Army Corp of Engineers, so there is still time to have the pump station fitted so we can plug in a generator.

This pump station is critical because this area still has combination sewers. If there were to be a large rain event and we loose power to this pump station, many homeowners would have back ups in their basements.

Any assistance you can give the Town of Munster to accomplish this task would be greatly appreciated.

Sincerely,

James J. Knesek
Director of Operations

Cc: Jim Pokrajac



20

Jim Pokrajac

From: "Littlecal" <littlecal@nirpc.org>
To: <jknesek@munster.org>
Cc: "Craib, Robert A LRC" <Robert.A.Craib@lrc02.usace.army.mil>
Sent: Monday, October 23, 2006 2:58 PM
Subject: Fw: (sandy) Town of Munster letter dated October 13, 2006

Jim,

I am forwarding this to you in response to your letter to Dan Gardner dated October 13, 2006. Your letter requested a plug-in for your back up generator at the Baring Pump Station. It appears that, according to Bob Craib, the field coordinator for this project, that it exists on the West wall. If you have any technical questions, or if I may assist you in any way please call. You May reach Bob at the Griffith corps office at (219) 923-1763. Please let me know if this installation meets your needs.

Thanks,

Jim Pokrajac

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

From: Craib, Robert A LRC
To: littlecal@nirpc.org
Cc: Anderson, Douglas M LRC ; Anderson, Gary R LRC ; Samara, Imad LRC ; Albert, Dick LRC
Sent: Friday, October 20, 2006 1:54 PM
Subject: (sandy) Town of Munster letter dated October 13, 2006

Jim,

I am in receipt of your faxed Town of Munster letter dated October 13, 2006. The letter discusses Munster's desire to have a generator receptacle installed, at the Baring Ave pump station, so the Town can plug in their generator to the pump station in the event of a power outage to prevent residential basement flooding.

As we discussed earlier on the phone today, I reviewed the contract electrical plans to confirm that a generator receptacle was part of Overstreet's contract with USACE. I also inspected the Baring Ave station today to re-confirm that the generator receptacle has actually been installed. This generator receptacle is located on the exterior west side/wall of the station. It is also noteworthy to mention that the station is also fitted with a "Kirk Key" system. This Kirk Key system is typically referred to as a "manual transfer switch".

Therefore, I hope USACE has addressed the concerns from the Town of Munster.

If you need anything else, please let me know.

Bob

21

10/23/2006

PETER J. VISCLOSKY
1ST DISTRICT, INDIANA

COMMITTEE ON APPROPRIATIONS
SUBCOMMITTEES:
DEFENSE
ENERGY AND WATER DEVELOPMENT
CONGRESSIONAL STEEL CAUCUS
VICE-CHAIRMAN
U.S. HOUSE LAW ENFORCEMENT
CAUCUS

Congress of the United States
House of Representatives
Washington, DC 20515-1401

2256 RAYBURN BUILDING
WASHINGTON, DC 20515-1401
(202) 225-2461

701 EAST 83RD AVENUE, SUITE 9
MERRILLVILLE, IN 46410
(219) 795-1844

Call Toll Free
1 888 423 PETE
(1 888 423-7383)

INTERNET:
<http://www.house.gov/visclosky/>

October 10, 2006

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

Dear Dan:

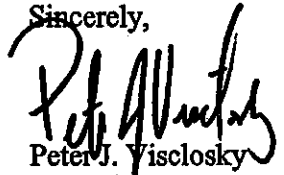
I write today in regard to a section of levee that is outside the Little Calumet River Federal Flood Control and Recreation Project.

Specifically, my office has been notified by the U.S. Army Corps of Engineers (USACE) that the section of levee between Cline Avenue and the EJ&E Railroad, south of the Little Calumet River, in Griffith, Indiana is in need of structural repairs in order for it to meet the Federal Emergency Management Agency's (FEMA) required certification. Further, the Griffith Levee is a betterment levee, outside of the federal project scope, and was constructed in cooperation with the Town of Griffith and the Little Calumet River Basin Development Commission (LCRBDC).

Since it is essential improvements be made to this levee to ensure the project is in compliance with FEMA's requirements, I ask that you provide an update on the measures being implemented and a schedule for completing these repairs to my office no later than November 3, 2006. In order to protect the residents currently living in the floodplain of the Little Calumet River, and in order to remove the burden of paying for mandatory flood insurance, it is imperative to work expeditiously so that these homeowners receive the benefits of this project.

If you have any questions, please do not hesitate to contact me or have the appropriate member of your staff contact Elizabeth Johnson, Director of Projects and Grants, in my Merrillville Office at 219-795-1844.

Sincerely,


Peter J. Visclosky
Member of Congress

PJV:ej

Sandy Mordus

From: "Richard Underkofler" <runderkofler@highland.in.gov>
To: "Joseph Wszolek - Highland Town Council" <jwszolek@highland.in.gov>
Cc: "Bill Timmer" <btimmer@highland.in.gov>; "Pete Hojnicky" <phojnicky@highlandpolice.com>; <jbach@highland.in.gov>; "Dan Gardner" <littlecal@nirpc.org>; "Peter Visclosky" <elizabethjohnson@mail.house.gov>
Sent: Monday, October 02, 2006 12:21 PM
Subject: FW: Preparation for the meeting with the Congressman Oct 5

Congressman Peter Visclosky will be meeting with a constituent who resides at 8026 North Drive in Highland at 2 PM on October 5th. Dan Gardner forwarded the message below so we may be apprised of inquiries of the constituent and the Congressman.

Dan Gardner suggested it would be appropriate for a representative of the Town to be present at this meeting. I called the Congressman's Office to inquire if this would be appropriate. I advised the Congressman's scheduler this could end up being a large and angry neighborhood meeting, especially if the media gets word of it.

I've invited Dan Gardner and Imad Samara to participate in our flood emergency response debriefing at the Central Fire Station on October 5th at 10 AM. Dan said he will participate. Imad will participate as well with two other representatives from the Corps of Engineers. Imad said he will be ready with answers whether the sluice gates John Bach valved down were equipped with flapper valves that would prevent backflow from the river into the area south of the levee.

Richard Underkofler
 Highland Town Manager
 3333 Ridge Road
 Highland, IN 46322
 Phone: 219-838-1080 Ext. 3335
 Cell: 219-741-6166
 Fax: 219-972-5097
runderkofler@highland.in.gov

From: Little Cal [mailto:littlecal@nirpc.org]
Sent: Monday, October 02, 2006 11:36 AM
To: Richard L Underkofler
Subject: Fw: Preparation for the meeting with the Congressman Oct 5

Mr. Underkofler:

As per your telephone conversation with Mr. Gardner, following is the email he asked me to forward to you. If you have any questions, please give him a call at 219/763-0696.

Sandy Mordus
 Business Coordinator

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

From: Samara, Imad LRC
To: Druzbecki, David E LRC ; Anderson, Douglas M LRC
Cc: Abou-El-Seoud, Shamel LRC ; Barham, Sherrie K LRC ; Deda, Roy J LRC ; Albert, Dick LRC ; Little Cal
Sent: Friday, September 29, 2006 8:14 AM
Subject: FW: Preparation for the meeting with the Congressman Oct 5

Dave/Doug please provide responses to the questions below that pertain to the construction. Don't give short answers. Please provide the answers to me ASAP.

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

From: Johnson, Elizabeth [mailto:Elizabeth.Johnson@mail.house.gov]
Sent: Thursday, September 28, 2006 4:42 PM
To: Samara, Imad LRC
Subject:

Imad,

Could you please provide me the answers to the following questions:

- 1) Is the construction of the flood control project in Highland (Kennedy to Cline) complete? If not, what parts are done and what parts are still under construction?
- 2) When will the contractor/COE/local sponsor address the reports of debris in Homestead Park?
- 3) If there is any damage to existing roads within Stage VI-S, who is responsible for the repair?
- 4) What pump stations currently exist in Stage VI? Are there plans for upgrades/new stations - please provide details.
- 5) The construction along VI-S - is this a combination of flood wall and levee? Please provide details as to the structure in this section.
- 6) The materials used to construct dike/levee - what material is being used, and will the earth be seeded before the project is officially completed? If so, when does the COE anticipate seeding?
- 7) Once the contractor demobs from this section - what responsibilities are included in the contract outside of construction? Are items such as seeding, vegetation, tree replacement the Federal or Non-Federal sponsors responsibility?
- 8) What sort of access exists and/or will exist to the pump stations? Whose responsibility is it to construct and maintain this access?

Thanks,
Liz

Elizabeth Johnson
Director of Projects and Grants
Office of Congressman Peter J. Visclosky
219-795-1844

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: 11-1-06

LOCATION: 6100 Southport Rd. CHAIRMAN: Bill Biller

Portage

PLEASE SIGN IN

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	Jomary Baller	DNR
2	Traci Powell	DNR
3	MAD SAMARA	CoE
4	Elaine Jean	Cong. Visclosky
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Jandy

WORK STUDY SESSION

November 1, 2006

5:30 – 6:00 p.m.

ACTION ITEMS:

Finance

- Approval of budget transfers
- Approval of claims for October 2006
- Approval of O&M claims for October 2006

Land Acquisition

- Any increased offers?
- Any condemnations?

ITEMS OF IMPORTANCE/POLICY:

- Project Funding Status
 - Commission draw of requested \$2.5 million
 - Biennial budget request of \$8 million – Support
- Response to Congressman Visclosky re: Griffith levee
- Update on community meetings:
 - Hart Ditch/Munster
 - Highland flood event
 - Blue Heron Rookery

LAND ACQUISITION REPORT

For meeting on Wednesday, November 1, 2006
(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 September 28 – October 26, 2006)

EAST REACH – REMAINING ACQUISITIONS

1. In compliance with the Congressman's request to complete the project by December, 2009, we are reviewing remaining East Reach acquisitions for acquisition either on tax sale or from landowner. (Ongoing)
 - We will be attending a Treasurer's Tax Sale on October 30 at the Lake County Gov't Center to bid for two properties. Bidding starts at the delinquent tax amount of (\$667 for DC751 and \$346 for DC757) plus title costs and processing fees.
2. The offer on DC813 (WLTH Radio) has been rejected and we are preparing condemnation filings.

STATUS (Stage IV – Phase 1 South) EJ&E RR to Burr St – South Levee:

1. Construction on the SALEM Corporation (formerly the WIND Radio station property) has been completed using a right-to-construct. We need an easement on the WIND property for maintenance purposes.
 - The appraisal was assigned to Oetzel & Hartman who will use a "fixture appraiser" to value the four towers on the site.
 - **An "inspection for appraisal purposes" was held on October 31, 2006 on the site to complete field analysis as part of the appraisal process.**

1-2

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

1. All 30 offers have been made to landowners since 1/4/06. We have 22 closed, 8 open (4 have accepted, 1 in condemnation, 1 tax sale protest, 2 have engineering departments awaiting our plans until they give real estate the approval to sign our offer: the NSRR and NIPSCO).
2. North Township has agreed to transfer the property rights by signing the easement agreements before the appraisal is completed. Appraisal is expected around 10/25/06.
 - Easement agreements were sent to North Township requesting donation of their lands to our project on September 25, 2006.
3. We are in communication with Cabela's and they have verbally agreed to donate the easements and are more interested in the construction than the appraisal amount.
 - The appraisal is completed and was sent to the Corps for review on 9/28/06. Since the Just Compensation (easement values) are more than \$1 million, Corps Headquarters in Cincinnati must review and approve the appraisal.
4. Norfolk Southern Railroad has received the offer and has not yet received the engineering drawings for review. They must have approval from their engineering department to sign the agreements. The Corps contracted an engineering consultant in September, 2006 to work with the railroad engineers in the hope of eliminating the problems recently experienced on the Burr Street railroad acquisitions.

- **Contract has been awarded and initial engineering for review will be available the end of November 2006.**
 - Our contacts in NSRR Real Estate have been notified that we are preparing condemnation filings to jumpstart the process while the engineering consultant for the Corps work with NSRR Engineering.
5. WHITECO, the Visitors Center, Hammond, NIPSCO, and three Interstate Plaza landowners are the final acquisitions.
 - A letter was sent to the WHITECO attorney on September 13 requesting their signing of the easement agreements.
 6. NIPSCO easements
 - **Corps indicated at October 26, 2006 Real Estate meeting that initial drawings for review for the pipeline corridor (and west of the NSRR) will be available for comments the end of November 2006.**

**STATUS (Stage VI-Phase 1 South) – Kennedy to Liable - South of the river:
Land Acquisition deadline July, 2004**

1. Construction is continuing on this segment.

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

1. Construction is continuing on this segment.

**STATUS (Stage VI-Phase 2) – Liable to Cline – South of the river:
Land Acquisition deadline April 15, 2005**

1. Construction is continuing on this segment.

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. Stage VII has 14 acquisitions on the Hammond (north) **and the appraisals are completed.** The appraisal reviewer is sending us approvals.
2. Stage VII has 37 acquisitions on the Munster (south) side. The Corps has requested that we value street easements “de minimus” (a nominal amount). Seven street easements must now be done in-house instead of by our appraiser. He will still appraise the remaining properties. We are in discussion with the Corps and two reviewers as to a full before and after narrative appraisal or a summary report (shorter). Time and cost are the deciding factors.

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

1. It was agreed at the 5/25/06 Real Estate meeting to “keep going forward on Stage VIII”. We have preliminary real estate drawings and **have ordered** location surveys to identify landowners and improvements.
 - The Buffalo Army Corps will be coordinating this segment, and upon receipt of location surveys, we will forward it to them to approve. Upon their approval, appraisals can then be assigned.
2. Title work is almost complete and **new files have been created** for approximately 88 new acquisitions.
3. Title work acquired, surveys have started, email to surveyors on September 13 with general instructions.
 - **Follow-up email to surveyors to submit all completed location surveys by October 27 to begin process with Buffalo Army Corps.**

4. Received Status Report from DLZ on October 26, 2006.

**STATUS (Betterment Levee – Phase 1 - Gary) Colfax to Burr Street:
Land Acquisition is completed.**

1. Engineering, contract, or technical information may be referred to in the monthly Engineering Report.

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 easement agreement with the Norfolk & Southern Railroad was signed June 21, 2006 and recorded June 29, 2006. Condemnation was officially dismissed 8/14/06
2. The ROE was signed by the LCRBDC on July 24th, 2006, and forwarded to the Army Corps.

27th and Chase – Pump Station Remediation

1. We received a request to obtain real estate from the Army Corps on July 24, 2006. There are five new acquisitions that need surveyed, appraised, etc. (Two private landowners; One INDOT; One city of Gary; one Gary Sanitary District).
 - Surveys for all parcels have been completed & sent to LCRBDC on September 21, 2006.
 - Army Corps indicated on September 19 that we only need a right to construct in this area because they are non-project features.
2. We received tabulation of estates from the Army Corps on August 10, 2006.
3. Refer to Engineering Report for status & scheduling.

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

1. We will be reviewing parcels, cost schedule with the Corps in light of Congressman Visclosky's letter to complete the project by December 2009.
2. New regulations for 49 CFR Part 24 allow in-house appraisals (waiver valuations) to be increased from \$5,000 to \$10,000. We have been writing new waiver valuations for several remaining acquisitions instead of assigning appraisals (more costly) to contract appraisers. (Ongoing)

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.
2. The offer to the landowner was certified mail (as all offers are) on August 15, 2006. The landowner has 30 days to accept or reject.
 - We received a letter of rejection on 8/7/06. We are considering a meeting with the landowner to negotiate a settlement before condemnation is filed.

CREDITING:

1. LCRBDC had a conference call with John Weaver of INDOT on March 16, 2005 requesting incremental cost data at Cline Avenue that would substantiate crediting. Best estimate still is in the range of \$600,000 (Ongoing)
2. At the 4/19/06 Real Estate meeting, the Corps requested our crediting totals for Stages I, II, III, and IV to match against their figures. The cash contribution is now calculated at 7%.

3. A letter was sent to INDOT on August 29, 2006 requesting technical information and associated costs for the Broadway and Grant interchanges on I-80/94 (enclosed are copies of previous letters whereby INDOT acknowledge and agreed to credit LCRBDC 100% for flood control cost features). **(No response as of October 26)**
- **A follow-up email was sent to INDOT requesting a follow-up.**

5

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <ronaldcg@earthlink.net>; <toetzel@ohgroup.us>; <dybas@salemradiochicago.com>
Cc: "Lou Casale" <lcasale@cwblawfirm.com>; <jvamos@nirpc.org>; "Petrucchi, Steven J LRE" <Steven.J.Petrucchi@lre02.usace.army.mil>
Sent: Wednesday, October 25, 2006 3:17 PM
Subject: Salem Corporation (WIND Radio) Inspection For Appraisal Purposes

All,

This is to confirm a field meeting next week with the SALEM CORPORATION (Formerly WIND Radio) on Tuesday, October 31, at 10:30 A.M. Chicago Time, at the radio station site located West of Colfax Ave., South of the NSRR, Approx. 1/2 mile South of I-80/94, in Gary, Indiana.

The meeting will be attended by Delta Consulting Services (Ron Grzbowski), Terry Oetzel (Appraiser), the LCRBDC (Jim Pokrajac- Engineering Agent), The Salem Corporation Dave Dybas- Chief Engineer. The intent of this meeting is to do an inspection for appraisal services to field familiarize the appraiser with what has been constructed and it's impacts on the property.

If anyone has any questions, please let me know, and I will help facilitate this process.

Thanks,

JIM POKRAJAC
Little Calumet River Basin Development Commission
Agent, Land Management/ Engineering
Ph.- (219) 763-0696
Fax- (219)- 762-1653

Jim Pokrajac

From: <ronaldcg@earthlink.net>
To: <jpokrajac@nirpc.org>; <Toetzel@ohgroup.us>
Sent: Thursday, October 26, 2006 7:24 PM
Subject: WIND

Confirming our telephone conversations of today, the three of us will meet at 9:30AM Chicago time (10:30AM EST) on Tuesday morning, October 31, 2006 at the subject site. We can then adjourn to the closest coffee site to discuss the background information regarding the subject before meeting with the WIND engineer at 10:30CST.

Jim, I won't be back in my office until Monday, at which time I'll e-mail you with a list of the maps/drawings of the site in our possession.

Thanks.

Ron Grzybowski

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <glh@garcia-consulting.com>; "John Stuart Fabian" <stuart.allen@torrenga.com>; "Alex Fabian" <alex.fabian@torrenga.com>; "Ray Keilman" <RKeilman@dlz.com>
Sent: Sunday, October 22, 2006 1:31 PM
Subject: Stage VIII Surveys- Request for completed surveys

All,

I have recently been in communication with the Buffalo Army Corps, who will be coordinating your data as part of their responsibility for engineering for this segment, who requested me to forward any completed surveys to them to begin their process. As you know, we are on a tight schedule as directed by Congressman Visclosky, and the survey work is critical to begin the process. As we previously discussed, all I initially require are the location surveys for review. After this review, I will coordinate with Buffalo to finalize design for each lot based upon impacts to property and permanent structures- We want to minimize this impacts as much as possible.

I told them that I would be sending them what we currently have no later than this upcoming Friday (October 27th). To allow me to stay on schedule I need this information as soon as possible. Please let me know your current status now, and what you anticipate your overall schedule is. If you feel that you cannot produce these surveys in a timely manner, let me know and I will research the possibility of shifting these surveys around and obtaining additional help.

Need response, any questions pls. call

JIM POKRAJAC

Jim Pokrajac

From: "Ray Keilman" <rkeilman@dlz.com>
To: "Jim Pokrajac" <jpokrajac@nirpc.org>
Sent: Thursday, October 26, 2006 5:29 PM
Subject: Stage 8 status

Jim

the location survey is completed for DLZ's portion of stage 8. This includes the location of the existing levee, trees, buildings (sheds, garages, houses), fences, storm or sanitary structures, evidence of underground utilities, and landscaped areas that may be impacted by the proposed permanent and temporary easements. Property irons have also been located.

--

Raymond Keilman, L.S.
Senior Project Manager
DLZ INDUSTRIAL, LLC
316 Tech Dr.
Burns Harbor, IN
Phone: (219) 764-4700
Fax: (219) 764-4156
Cell: (219) 405-3442

4

10/27/2006

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: <gkicinski@indot.state.in.us>
Cc: <dgardner@nirpc.org>
Sent: Monday, October 09, 2006 3:46 PM
Subject: I-80/94 Grant and Broadway Interchanges

Greg,

At our last commissioners meeting on October 4, 2006 I was requested to find out the status of a letter I sent you back on August 29, 2006 regarding our potential crediting for the Indot construction at I-80/94 and Grant Street and Broadway interchanges. In that letter, I enclosed a copy of a letter from Richard C. Whitney (Deputy Commissioner/Chief Financial Officer) for Indot dated April 15, 2004 indicating that the full amount of state funds paid for these projects be credited to us.

I haven't talked to you for a long time, but I was hoping you could help us facilitate this request, or give me a point of contact that I could work with to get the pertinent data required by the Army Corps for our submittal for credit. It is critical to our project that we get crediting to 25% of the total project cost. I appreciate any help you can give.

Thanks,

Jim Pokrajac
Agent, Land Management/ Engineering
Little Calumet River Basin Development Commission

5

LAND MANAGEMENT REPORT

For meeting on Wednesday, November 1, 2006

(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 September 28 – October 26, 2006)

A. Received a request from LAMAR Advertising on June 20, wanting consideration for an easement on the land where they currently have existing License Agreements on two (2) billboards.

- An email was sent on June 29 requesting more detailed information.
- We received a response from LAMAR on July 13, 2006 with (2) letters of intent for existing billboards south of I-80/94 between Chase and Grant.
- They are requesting a perpetual billboard easement for both locations for a total purchase price of \$116,000.
- Currently, LCRBDC receives \$7,270/year combined revenue for the (2) signs.
- **Memo to LCRBDC attorney requesting pursuit of options as discussed at the October 4, 2006 Board meeting.**

B. Chicago Tower Leasing Corporation:

1. Received a proposal with the rental increase, based upon the consumer price index for the last (5) years from Chicago Tower on July 12, 2005
 - Current monthly rental is \$1568/month
2. LCRBDC received a letter from Chicago Tower on July 22, 2005 proposing additional lease space for Verizon Wireless
 - They would require an 11' x 15' space for a diesel generator site to provide emergency backup power in the event of a power outage.
 - A letter was sent to Stan Stann on March 10 requesting pertinent data showing the proposal for our review. After receipt, and approval, LCRBDC will draft an addendum to the current License Agreement.

C. VIEW OUTDOOR BILLBOARDS

- Letter sent to View Outdoor on September 8 forwarding six (6) easement agreements to be co-signed.
- A letter was sent to View Outdoor on September 18 with a list of additional properties owned in fee by the LCRBDC. They can select three (3) on this list to complete our agreement to provide nine (9) locations.
- An email was sent to the Army Corps on September 28 requesting a letter from them stating they have no objection to their installations.
- **Detailed information being provided to COE to show each actual location relative to our flood control features and that it will not affect any construction.**



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 HUFFMAN, Vice Chairman
Governor's Appointment

ARLENE COLVIN, Treasurer
Mayor of Gary's Appointment

DR. MARK RESHKIN, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor's of Hammond Appointment

STEVE DAVIS
Dept. of Natural Resources Appointment

R. KENT GURLEY
Lake County Commissioners' Appointment

ROBERT MARSZALEK
Governor's Appointment

JOHN MROCZKOWSKI
Governor's Appointment

CHARLIE RAY
Porter County Commissioners' Appointment

VACANCY
Governor's Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

TO: Lou Casale, Attorney
FROM: Dan Gardner, Executive Director
SUBJECT: LAMAR ADVERTISING billboards
DATE: October 23, 2006

At our Commission meeting on October 4th, a discussion was held regarding the request we received from LAMAR, dated June 20, 2006, for a permanent easement on the existing billboard locations #3475 & 3480. We currently have two License Agreements on these signs. You indicated that we cannot grant a permanent easement to LAMAR but may be able to work out a License Agreement whereby they would pay us the total value of the easement up front as a lump sum payment and they would have exclusive right to the property. In light of the Commission's limited money sources for O&M, I would ask that you pursue this possibility with LAMAR. If we can agree to this arrangement, it would benefit both LAMAR and the Commission. To move this request forward, I would suggest a conference call with LAMAR, you, and myself to take place by the end of this week at a time convenient for you.

I have enclosed all pertinent correspondence to their request. Our point of contact is Jim Perry, Real Estate Manager for LAMAR, who can be reached at 980-1147. I would like to resolve this issue and be able to take action at the next Commission meeting, whether we approve his request or deny it. If you need any further information, please call Jim Pokrajac.

/sjm
Encl.

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Matt Felder" <MFelder@Whiteco.com>
Cc: "Pete Schroeder" <PSchroeder@ViewOutdoor.com>
Sent: Wednesday, October 25, 2006 5:16 PM
Subject: Re: Sample for Army Corp.

Matt,

It appears that this would suffice. Just be sure that it is readable and lmad can identify the impacts, or lack of impacts thereof. Sometimes, the county surveyors office can run off lighter copies, or copies without the background mapping. As we discussed, it appears that you show your location relative to our project features, and have oriented the drawing to allow the corps to locate exactly where this is. If you would like to sit down to discuss a hard copy, let me know.

Thanks for your effort,

JIM

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

From: Matt Felder
To: Jim Pokrajac
Cc: Pete Schroeder
Sent: Monday, October 23, 2006 2:33 PM
Subject: Sample for Army Corp.

Jim,

Attached is a PDF file of a sample that I worked up to give the corp.. Please take a look at it and let me know what you think. On the originals, I used red and blue ink so it is easier to differentiate my added lines from the sidwell lines. I used the "As Built" drawings you gave me to find the width of the levy and scaled it on to the sidwells. I also added a c/l of a ditch as on the drawings and referenced the drawing book, sheet number and a reference marker to give the approximate location. It is difficult to actually locate the specific lot on the As Built drawings but I think I got close.

Please let me know what you think.

Thanks.

Matt Felder
Real Estate Representative
View Outdoor Advertising

1000 E. 80th Place, Suite 425N
Merrillville, IN 46410
Office: (866) 736-8439
Direct: (219) 680-2343
Fax: (219) 680-4252
Cell: (219) 808-7221
mfelder@viewoutdoor.com

RECREATION REPORT

For meeting on Wednesday, November 1, 2006

**(Information in this report is based upon latest data provided at the time the report is put together. Dates and costs may vary depending upon ongoing design and/or coordination with the Army Corps.
Report period is from August 31 –October 26, 2006)**

RECREATION – PHASE I

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

A. OXBOW (Hammond)

1. October 28th, 1998 was the date that this facility was turned over to the City of Hammond.
2. A meeting was held on October 18, 2006 with George Carlson, Hammond Parks, Illinois Constructors (I.C.C.), and Jim Pokrajac to field review a trail tie-in on the west side of the recreation trail to the levee across low ground.
 - I.C.C. agreed, in the spring of 2007, to use excess fill, and provide fines, to do this at no cost to Hammond.

B. GLEASON PARK (Gary Parks & Recreation)

1. October 28th, 1998 was the date this facility was turned over to the Gary Parks & Recreation Department.

C. LAKE ETTA (Lake County Parks)

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

D. CHASE STREET TRAIL (City of Gary)

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

EAST REACH RECREATION

- A. At this point in time, the existing construction contracts in the East Reach are almost all completed. The only remaining area of construction is the Betterment Levee – Phase II.
- B. Currently, the joint recreation venture with the Army Corps is completed; 90% of the completed East Reach levees have stoned trails completed; the remainder of East Reach trails are currently being coordinated and should be included in an upcoming recreation contract.
- C. Recreation trail re-alignments will be required in the East Reach due to heavy traffic in the proposed crossings at Grant Street and Broadway.
 1. **Broadway to Harrison Crossing – Stage II-3B – Crossing at Broadway** (currently on hold until the next recreation contract.)
 - Additional land, and some construction, will be required to extend a recreation trail along both the sidewalks East and West of Broadway to allow recreation trail continuation.
 - Upon completion of I.U. Northwest modifications on, and adjacent to, Broadway, we may be able to install a permanent trail crossing south of the river and along the line of flood protection, as originally proposed by the COE

2. **Harrison to Grant Street Crossing – Stage II-3C – Crossing at Grant** (currently on hold until the next recreation contract.)

- In the Corps letter dated February 7th, 2002, they indicated, under the “remaining East Reach recreation features” response, that these remaining features will be incorporated into the next recreation contract.
- As part of the Stage III Remediation contract, the access roadway, and ramp up to the existing recreation trail, have been completed, and accepted, as per the inspection on June 23, 2005.
 - The remainder of the trail system is currently proposed along the east side of Gilroy Stadium to 32nd Street, then west to Grant, where crossing could be done at the existing stop light.

3. **EJ&E at-grade crossing – East of Cline Avenue**

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

WEST REACH RECREATION

Cline Avenue Crossing:

1. LCRBDC has contracted First Group Engineering (Dennis Cobb) to coordinate crossing Cline Avenue at the NIPSCO right-of-way.
 - A letter was received from INDOT on March 4 (dated March 1) indicating they had no objection to this crossing.
 - At the March 15, 2005 Real Estate meeting, the COE indicated that this crossing, and the trail from Cline east to the EJ&E RR will be done as part of an upcoming construction contract.
 - Original design information from RANI Engineering for Stage VI-2 was sent to the Corps on August 2, 2006 requesting an engineering review and concurrence, as well as what contract it could be released with.

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

1. **LCRBDC received a request from the COE on October 13, 2006 regarding the raising of the recreation trail ramp east of the NIPSCO substation east of Liable Road and north of the NIPSCO R/W.**
 - **This area allowed water to pass over the NIPSCO substation during recent heavy rains. COE wants to raise this ramp and extend it to the north NIPSCO R/W (the extent of LCRBDC work limits).**

- Meeting held with LCRBDC, NIPSCO, COE, and Highland Parks on October 18 – Highland to work with NIPSCO to extend their existing trail from west of Liable to our ramp extension.

1-4

Tri-State recreational trail tie-in for the Highland/Wicker Park/Erie Lackawanna Trail System: (Part of Stage V – Phase 2 construction.)

- A. In a conversation with Mr. David Orrison (NSRR Coordinating engineer) in January 2005, he indicated that the LCRBDC could not cross over their railroad adjacent to the NIPSCO right-of-way west of Kennedy Avenue (Awaiting the letter).
1. A letter of reminder was sent to the NSRR on April 4th requesting their position in writing. (No response as of June 29, 2005)
 2. Refer to Stage V-2 (V-2A portion) in the Engineering Report for general information.
 3. LCRBDC and the Corps agreed on a conference call on February 16, 2005 that the recreation trail bridge from west of Indianapolis Blvd. would be re-located to an area east of the NIPSCO R/W, west of Kennedy Avenue. (Refer to Item #1 of a letter to the Corps on May 11 requesting written documentation of this major change)
 - This will be coordinated in a meeting with Hammond and Highland. We will then be able to cross at an existing at-grade crossing which is to the south on Grand Avenue.
 - A letter was sent to the Corps on May 11, 2005 requesting coordination information for both real estate and engineering issues.

C. Stage VIII Trails:

1. Currently on hold as part of the Stage VIII construction due to lack of funding.
2. We received a letter from NICTD on October 15th, 2001 (dated October 9th) indicating problems with the location of our trail on their R/W under I-80/94
 - They feel it is a safety concern and suggested we re-route our trail along their R/W to 173rd Street.
3. A meeting was held with NICTD on March 11th, 2002, to review recreation trail re-alignment, review hydraulic information, and discuss other local and COE concerns.
 - It appears we may be doing our construction in this area before the railroad would be proceeding. It is our intent to use our current design and when they proceed, we can work together accordingly.
4. The trail alignment in this area will be re-visited when the Stage VIII plans come up for review and comments.
 - As per the revised schedule for construction and expenditures received from the Corps at the June 14, 2005 Real Estate meeting, Stage VIII plans and specifications will be ongoing from July 2005 until October 2007.

GENERAL:

At a coordination meeting with the Army Corps on May 24, 2005 to review the scheduling and funding for the rest of the project, it was agreed that the line of protection should be the focus of first available money.

- Recreation, river clean-up, and landscaping would be done secondarily.
- This would allow the municipalities to come out of the floodplain at an earlier date.

Jim Pokrajac

From: "Jim Pokrajac" <jpokrajac@nirpc.org>
To: "Ackerson, Rick D LRC" <Rick.D.Ackerson@lrc02.usace.army.mil>; <abrown@highland.in.gov>;
"Druzicki, David E LRC" <David.E.Druzicki@lrc02.usace.army.mil>
Sent: Tuesday, October 17, 2006 10:32 AM
Attach: SWVI-2.pdf; 15 - 6-1S eroded trail.JPG; 17 - 6-1S ditch north view.JPG; 19 - 6-2 corner NW
view.JPG
Subject: Fw: Low area at the SW corner of VI-2

Gentlemen,

We're on for tomorrow at 10:00 A.M. at the Liable substation to review modifications to our ramp, and to discuss future recreational trail tie-ins. Nipsco will also have representation at this meeting. Please acknowledge that you will attend.

Thanks,

JIM

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

From: Jim Pokrajac

To: Ackerson, Rick D LRC ; abrown@highland.in.gov ; mlpasyk@nisource.com ; Druzicki, David E LRC

Sent: Monday, October 16, 2006 4:31 PM

Subject: Fw: Low area at the SW corner of VI-2

Gentlemen'

In a conversation with Rick Ackerson (Army corps hydraulic engineer) today we would like to schedule a meeting for this Wednesday (Oct. 18) at 10:00 A.M. at the liable substation, located at Liable Road and the NIPSCO R/W in Highland. Please refer to the attached E-Mail referring to water flow in this area during the last major rain that caused erosion and possible water problems to the actual substation. The meeting is two-fold : The first issue is the recreational trail tie-in from the highland trail West of Liable, across NIPSCO property to tie into our ramp that extends down from our levee system to grade, East of the NIPSCO substation. The other issue is regarding the raising of this ramp to divert flow from major events around the substation. If the 18th isn't good our alternative date is the following Wed. (Oct. 25th) at 9:30 A.M.at the same location. Please confirm if you can make it this Wednesday or if the following week would be better.

Thanks,

Jim Pokrajac

ph.-219-763-0696

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

From: Ackerson, Rick D LRC

To: Jim Pokrajac

Sent: Friday, October 13, 2006 2:53 PM

Subject: Low area at the SW corner of VI-2

Jim,

Attached is a map showing the area around the SW corner of VI-2 where flow passed overland through the low area along the rec trail during the big flood. I included a few pictures of the area. We are looking at ways to raise this area so flood flows will not pass through this low area and end up in the lower areas of VI-1S. Imad said that the rec trail is to be extended from the south end where we ended it.

One idea is the raise the trail on our project a couple of feet in the low area shown on the pictures and look at the possibility of raising the proposed extended trail to tie into high ground to block these flows.

Just checking to see if this is a possibility. Feel free to give me a call to discuss.

Thanks,

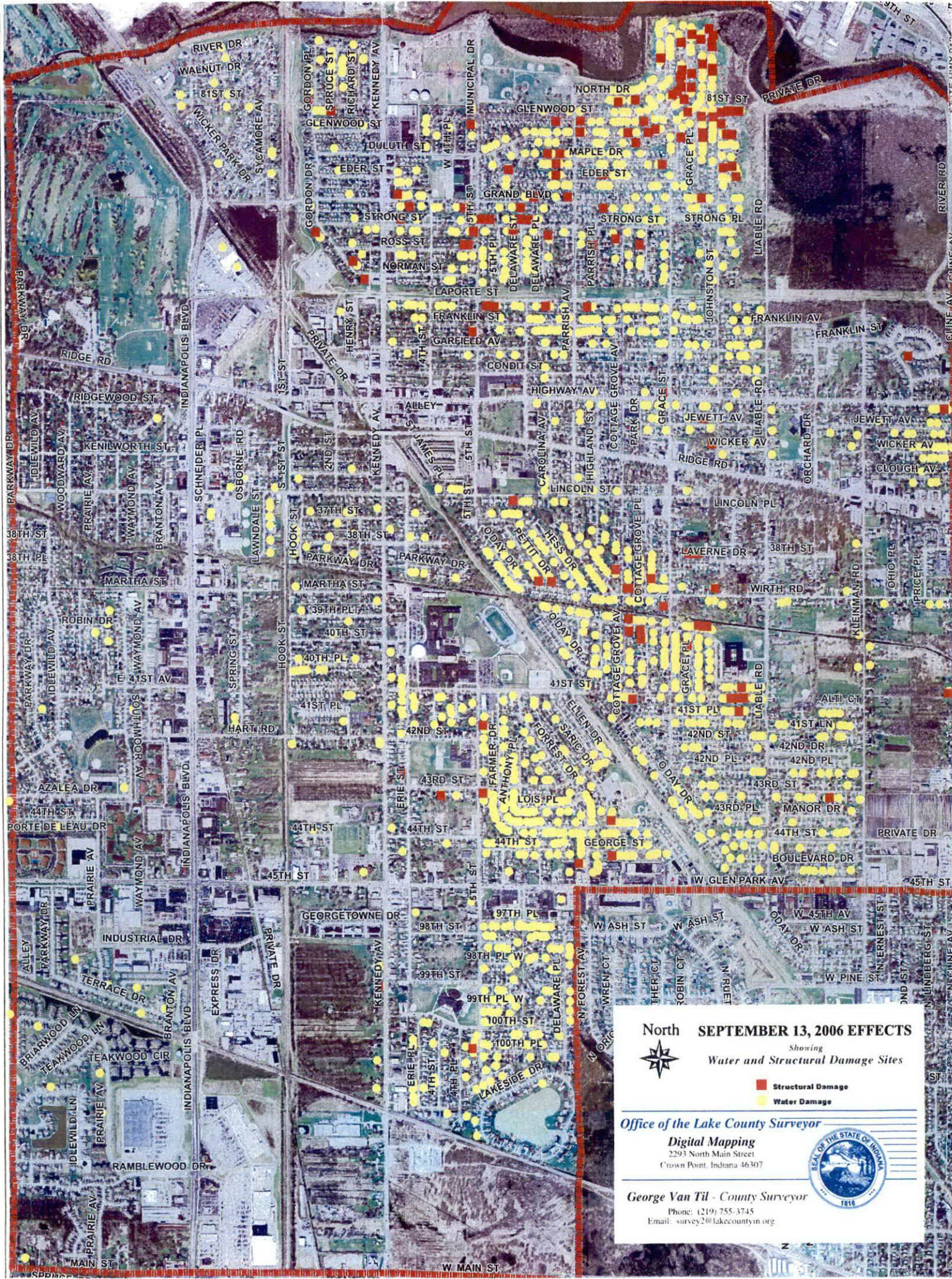
Rick

Rick D. Ackerson
Hydraulic Engineer
U.S. Army Corps of Engineers
Chicago District
111 N. Canal St.
Chicago, IL 60606
Phone: (312)-846-5511
e-mail: rick.d.ackerson@usace.army.mil
Fax: (312)-353-2156









North **SEPTEMBER 13, 2006 EFFECTS**



Showing
Water and Structural Damage Sites

- Structural Damage
- Water Damage

Office of the Lake County Surveyor

Digital Mapping

2293 North Main Street
Crown Point, Indiana 46307

George Van Til - County Surveyor

Phone: (219) 755-3745
Email: survey2@lakecountynin.org



FAQ'S

STORM DISASTER OF SEPTEMBER 13, 2006

Handout for Special Town Meeting Town of Highland, Indiana October 30, 2006

Why did it take so long for the Town Council to hold this meeting?

The Town Council determined it would schedule a town meeting after sufficient information had been collected to enable a factual presentation and accurate response to questions.

What happened?

Strong thunderstorms on the back side of a slow moving low pressure system produced torrential rainfall on Wednesday, September 13, 2006 across the northern portions of Lake County, Indiana. The rain was intense and concentrated. Over a 24 hour period from 12th to September 13, rain gauges reported:

- 3.79 inches on the west side of Highland at Wicker Park Drive and River Drive;
- 4.06 inches on the west side of Highland at Lincoln Street and Parkway Drive;
- 5.31 inches in the central portion of Highland at the north end of 5th Street;
- 6.56 inches in the central portion of Highland at the west end of Georgetown Dr.;
- 6.58 inches in the central portion of Highland at Condit Street and 4th Street;
- 7.50 inches on the east side of Highland at LaPorte St and Johnston St.;
- 7.94 inches on the east side of Highland at Martha and Grace Street;

Based on the average of these numbers and on continuously recorded rain gauge information for the Hart Ditch in Dyer, the U.S. Army Corps of Engineers estimated this amount of precipitation was about a 600-year event; an event that had a statistical probability of occurring once every 600 years. On the east side of Highland, rainfall was substantially greater than the average used to determine the 600-year event.

As of October 13th, 1,789 housing units in Highland were reported to have water damage from flooding, sewer backup and/or hydrostatic pressure, including 163 units with structural damage

How do Highland's storm drainage systems work?

- South of Ridge Road, Highland's storm drainage systems, including the Spring Ditch, discharge by gravity to the Cady Marsh Ditch then to the Hart Ditch and then to the Little Calumet River. These ditches drain a large watershed that includes portions of Griffith, Munster, Schererville, Dyer and unincorporated Lake County. Wicker Park Golf Course serves as a detention site for storm water enroute to the Little Calumet River when Hart Ditch overflows near the Park.
- North of Ridge Road, Highland's storm drainage systems flow to pump stations located on the south side of the Little Calumet River at 81st Street, 5th Street and North Drive. These Pump Stations lift the storm water into the Little Calumet River.

What caused flood damage?

Flood damage was caused by the inability of Highland's interior drainage systems (storm water pipes, ditches and detention facilities) to accommodate the exceptionally large volume of rainfall.

Older storm drainage piping systems in the U.S. were usually designed to accommodate 5 to 10-year frequency storm events. Systems constructed in more recent years normally include storm water detention facilities designed to accommodate 100-year frequency storm events. The heaviest amount of rain in Highland fell in older sections of town where there are few storm water detention facilities available. Almost all of the rain that fell on September 13, 2006 turned into runoff because Highland's soils were saturated from rain that fell on previous days.

South of Ridge Road, storm sewers generally discharge by gravity to the Cady Marsh Ditch, the Spring Ditch and the Hart Ditch. When these ditches reached flood stage, the storm sewers couldn't discharge and streets became flooded. North of Ridge Road, storm sewers discharge to pump stations that lift water into the Little Calumet River. Flooding occurred on the north side of town when storm flows exceeded pump station capacity. Debris blocked storm sewer inlets contributed to flood damage.

What caused basement foundation damage?

Groundwater hydrostatic pressure damaged basement foundations as a result of rainfall over the previous four days that had saturated Highland's soils.

What caused sewer back-up damage?

Infiltration from saturated ground and inflow from basement foundation drains overloaded sanitary sewers and caused them to backup into basements.

Did damage result from failure of the flood control project along the Little Calumet River?

No. The Little Calumet River did not reach flood stage. Although the flood control project is still under construction, most of Highland is presently protected from river flooding by levee sections that have been completed along the south side of the river from Cline Avenue to Indianapolis Boulevard. A small section west of Kennedy Avenue and the levee system from Indianapolis Boulevard to the Illinois border is scheduled to be complete by 2009.

Did damage result from failure to operate pumps?

One of three pumps at the existing North Drive Pump Station ceased pumping for about 30 minutes due to the tripping of an electrical circuit breaker. Power was restored to this pump by re-setting the breaker. Two additional pumps, provided by Lake County, were installed at the North Drive Pump Station, to increase pumping capacity. These pumps remained monitored and working until the flood water had been pumped out of the northeast side of town. A new pump station is presently under construction at North Drive that will increase pumping capacity to accommodate a 100-year frequency event. The new North Drive Pump Station is expected to be substantially complete in January 2007.

Some homes near the Cady Marsh Ditch were taken out of the designated flood hazard area January 29, 2004. Why did these homes experience flood damage?

The Cady Marsh Ditch flood hazard area was re-evaluated by an engineering hydraulic model that predicted areas that would incur flood damage during a 100-year frequency storm event; an event that has a statistical probability of occurring once every one hundred years. Precipitation from the storm of September 13th was about a 600-year event, a much larger amount of rainfall.

How will the Griffith Cady Marsh Ditch Relief Sewer Project benefit Highland?

This project will intercept some of the storm water that flows into Cady Marsh Ditch from the east and direct it north to the Little Calumet River. The Highland Sanitary District is contributing \$500,000 to this

project at \$50,000 per year in exchange for benefit to be derived from reducing the storm water that would otherwise flow through Highland. This project was placed in operation September 20, 2006.

Why did sanitary sewers back-up?

Infiltration and inflow caused sanitary sewers to backup. Infiltration/inflow is the entry of surface water and groundwater into a wastewater collection system, causing hydraulic overloading of the system. An uncovered sanitary sewer manhole was reported at the intersection of Kennedy Avenue and 45th Street. Water can enter the sanitary sewer system through leaky manholes and pipe joints and from house foundation drain sump pumps that are directly connected to sanitary sewers. Infiltration/inflow can result in surcharging of manholes, basement backups, overflow of sewage from lift station wet wells and overloading of the treatment processes at the wastewater treatment plant.

We heard 911 calls on scanners reporting pump alarms. Are there recordings of 911 calls we can listen to?

An inquiry to Police Dispatch disclosed no 911 calls were received reporting pump alarms. Only requests for assistance were received. Some callers said, "Turn the pumps on". The telephone recording equipment on police calls was inoperative from August 31, 2006 to September 22, 2006. The problem was resolved by resetting the equipment. It has been routinely monitored since that time and has continued to operate as designed. Radio traffic on the public works frequency is not recorded. A proposal for new, updated recording equipment capable of recording police, fire and public works radio traffic has been sought.

We need to better understand how the pumps operate. Why did pump alarms go off?

Pumps come on automatically when water levels rise in wet wells. Alarms at pump stations activate and report at Police Dispatch when there is a high water condition in the wet wells and for a variety of other conditions such as power outages, intrusions, station flooding, pump failure, etc. A pump station can alarm on high water level in the wet well, particularly during an exceptionally heavy rainfall event, while the pumps themselves remain operational. Based on reports from Public Works personnel who investigated the alarms, no pump failure alarms occurred.

Are there records for pumps?

Continuous flow monitoring records are maintained for the two pump stations that lift sanitary sewerage from Highland to Hammond. The records show the pumps were continuously operated, the flow volume and a meter reading that is the basis of Hammond's charges for wastewater treatment. There are no flow monitoring records for storm water pumps.

Was pumping of sanitary sewerage flow from Highland to Hammond decreased?

No. However, two days after the storm event Hammond Sanitary District officials articulated concern about flows from Whiting and Highland overloading the Hammond Wastewater Treatment Plant.

What is Highland doing to reduce infiltration/inflow in its sanitary sewer system?

The Sanitary District's on-going sewer maintenance endeavors include:

- Televising the system to identify sewer conditions, sources of obstruction, infiltration and inflow;
- Replacing sewer lines that are in poor condition; relining of cracked sewer lines; repairing and/or replacing manholes that have cracks; raising the elevation of manholes located in low lying areas; smoke testing to identify and enforce disconnection of downspouts from the sanitary system;
- Inspecting new construction to assure increased storm water flow will be detained on site and that buildings are properly connected to the sewer systems.

- Offering grants for a portion of the costs to reimburse property owners ordered to disconnect foundation drain sump pumps, downspouts and storm water drains from the sanitary sewer system in neighborhoods where storm sewers are available.
- Constructing new storm sewers in the public right-of-way where required to accept separated drainage in neighborhoods where storm sewers are not available.

Why did we have flooding and sewer backup after the storm event of April 16, 2006?

Rainfall, infiltration and inflow from this storm event exceeded the capacity of the sewer systems as well. U.S. Weather Service rainfall information is only available on-line for the last 31 days; after then it is archived. We have not as of yet retrieved rainfall data for the April 16 event.

Why did the streets flood after the October 2, 2006 storm event?

This was a short duration high intensity rainfall accompanied by high winds, power outages and blow down. During the most intense portion of this event, from 10:30 PM to 11:15PM, there was 1.24" of rain. A principal cause of street flooding after this storm was debris-covered catch basins.

Has inspection and cleaning of sewer lines been sufficient?

There has been no documented evidence of obstructed underground storm or sanitary sewer lines. Storm sewer inlet drains get blocked by persons placing yard waste and debris in streets, particularly on trash collection days. The Public Works Department operates two street sweepers to prevent debris from clogging inlet drains. Since Highland has about 4,500 inlet drains (catch basins), it's virtually impossible to keep all drains clear at all times. We ask our citizens for their cooperation to help keep these inlet drain covers free of debris as much as possible.

What has been done to help persons recover from this disaster?

September 13, 2006:

The Highland Flood Disaster Plan was activated at 11 AM on when an Emergency Operation Center (EOC) was established at the Central Fire Station with members of the Town Council, senior staff members of operating departments and a representative of the School Town. The Fire Chief assumed Incident Commander responsibilities. The Public Works Department activated its flood disaster response plan; setting in motion warning systems, traffic control devices, clearing debris from storm drains and monitoring pump stations. The Fire Department began to rescue and to evacuate victims. The Park & Recreation Department transported evacuees and sheltered them at the Lincoln Center. The Police Department secured flooded areas. The School Town was asked to shelter students in place at the schools. The Building Department was asked to inspect structures that had structural damage. The town manager assumed public information officer responsibilities by providing periodic news releases to the local media and responding to numerous inquiries from Chicago media.

Before any federal government disaster assistance is initiated, local governments must request assistance from their county and state governments. County and state governments must provide available relief before seeking federal assistance. After an assessment of the rainfall intensity and volume of water in flooded areas, the Council President signed a Disaster Declaration. The declaration indicated an emergency response was beyond the capability of the Town of Highland's resources and requested disaster assistance from Lake County. Shortly thereafter, Lake County declared a disaster and requested assistance from the State of Indiana. Public safety, public works and emergency assistance personnel were dispatched to assist with the first response from Lake County, Hammond, Lake Ridge, Munster, NIPSCO, the State of Indiana and the U.S. Army Corps of Engineers. Meetings at the EOC were convened at about two hour intervals to assess conditions and to adjust endeavors of the first responders.

At about 3 PM (when the Hart Ditch was predicted to crest by the U.S. Weather Service) storm water began flowing over U.S. Route 41 (Indianapolis Boulevard). US-41 was closed at Ridge Road and at the north side of I-80/94 to enable installation of a temporary sand dike to protect Wicker Park Manor Subdivision from a reoccurrence of flood damage of the character that occurred in 1990.

About 100 persons required evacuation by public safety personnel. Temporary shelter was provided to about 30 persons at the Lincoln Center. School buses did not operate due to the high water in streets. Highland High School discharged its students at the normal time, but its students and teachers found transportation away from the school to be quite difficult due to the flooded streets. Students of the Middle School and the elementary schools were sheltered-in-place until parents could pick them up. The schools were cleared by about 6 PM. The EOC ceased operation at 9 PM after flood waters had been pumped out of most areas of town, except for low lying areas. By that time, all persons evacuated to the Lincoln Center found alternative housing; there were no reports of death or personal injury.

Thursday, September 14, 2006:

J. Eric Dietz, Director of the Indiana Department of Homeland Security, and members of his staff toured Highland and the communities affected by the rain event. Dietz reported a declaration of state emergency was underway and building inspection assistance services would be provided to the municipalities. Dietz said a preliminary damage assessment would be conducted jointly with FEMA. Dietz reported the assessment must conclude damages more than \$7 million have occurred with structural damage in at least 200 housing units.

North Township distributed flyers in flood affected communities of the Township giving notice of a phone number where persons could apply for a \$50 voucher to help acquire clean-up supplies.

To facilitate the damage assessment, local media representatives were asked to encourage persons to call their city or town halls to be identified on a list indicating the character of their damage, names, addresses and phone numbers. Residents were asked to place damaged property and other debris near the street for collection.

Friday, September 15, 2006:

Highland building inspectors, assisted by personnel from the Indiana Department of Homeland Security and other municipalities, began to ascertain the character of structural damage.

The Highland Public Works Department sprayed mosquito insecticide to mitigate breeding conditions favorable to the spread of West Nile virus.

Governor Mitch Daniels conducted a personal tour of Highland. Governor Daniels spoke to residents impacted by the flood and was briefed of the situation, including complaints of poor insurance company reaction to the damages experienced in the area.

The Lake County Community Economic Development Department announced it would accept applications from low and moderate income homeowners for emergency grants up to \$4,000 for clean-up activities.

Saturday, September 16, 2006:

The American Red Cross established a Service Center at the Lincoln Center.

Personnel and equipment available from the town's refuse collection contractor supplemented by staff and equipment of the Public Works department began to collect flood damaged property and debris. A

call center continued to be staffed at town hall for responding to questions and compiling a list of locations and phone numbers of persons reporting damaged property.

Sunday, September 17, 2006:

Over 70 personnel and equipment from the City of East Chicago assisted the Public Works Department with the collection of flood damaged property and debris.

Monday, September 18, 2006 through Friday, September 23, 2006:

Representatives of North Township, the Lake County Community Economic Development Department, and the Indiana Department of Insurance joined representatives of the Red Cross at the Lincoln Center to coordinate disaster relief services at one location.

Personnel from the Indiana Department of Homeland Security, FEMA and the Small Business Administration (SBA) arrived to initiate the preliminary damage assessment. Five assessment teams were dispatched throughout Lake County; one each to Highland, Griffith, Gary, Hammond and East Chicago. The assessment concluded Friday, September 23, 2006.

The Town of Munster assisted the Public Works Department with staffing the call center at Town Hall and with the collection of flood damaged property and debris.

The Highland Police Department increased patrols throughout town to assist with the removal of flood damaged property, ensure the safety of citizens from scavengers and others who are attempting to take advantage of those who were harmed by the storm.

Tuesday, September 26, 2006:

Governor Daniels requested federal disaster status from President Bush by formal letter through the FEMA Region V office in Chicago.

Friday, September 29, 2006:

By this date, 1,685 tons of flood related debris had been removed from the streets of Highland; an amount over seven (7) times the amount of trash picked up in an average week (240 tons). This quantity excludes debris picked by the City of East Chicago and the Town of Munster.

Saturday, September 30, 2006:

The Town Council adopted an ordinance waiving or refunding fees associated with building permits and inspections for those affected from the flood event.

Monday, October 2, 2006:

Another storm event with high winds caused power outages affecting sump pumps and lift stations and left an excessive amount of damaged trees, branches and leaves that required collection by the Public Works Department.

Tuesday, October 3, 2006:

The Lake County Health Department, at the request of the Griffith Clerk-Treasurer, provided free tetanus shots at the Lincoln Center for persons who may have had an exposure in removing flood damaged property.

Friday, October 6, 2006:

President George Bush declared a major disaster exists in the State of Indiana, particularly in Lake and Vanderburgh Counties. The merging of damage estimates from the same storm event enabled the state to achieve the minimum eligibility threshold for federal assistance.

Monday, October 9, 2006:

Outreach representatives from FEMA began to distribute flyers and information regarding FEMA/SBA assistance and registration procedures. This information was distributed through schools and churches. A clerk in the Highland Building Department began making phone calls to personally notify persons of the registration procedures.

Wednesday, October 11, 2006:

The Lake County Solid Waste District sponsored a Household Waste Collection in the parking lot adjacent to the Highland Public Works facility.

Friday, October 14, 2006:

FEMA opened a Disaster Recover Center at the Lincoln Center together with representatives of the Small Business Administration (SBA) and the Internal Revenue Service (IRS). Flood victims were urged to register online at <http://www.fema.gov> or to call 1-800-621-FEMA (3362). The Disaster Recover Center is available for personal assistance and counseling related to the SBA loan applications and appealing initial determinations regarding eligibility and the amount of SBA loans and FEMA grants.

The IRS offers special tax relief for flood victims in a disaster area declared by the President. An unreimbursed loss may be deductible on tax returns for the year the casualty occurred or by filing an amended return for the year before the disaster. Deadlines may be postponed to provide extra time to file returns and pay federal income taxes. IRS Publication 547, Casualties, Disasters and Thefts, provides more information how to claim losses. Form 4684, Casualties and Thefts, gives step-by-step instructions how to figure a deductible loss. Tax questions can often be answered by reading tax publications and related forms. If assistance is needed, call the IRS at 1-800-829-1040.

Tuesday, October 17, 2006:

Larry Summers, FEMA state-wide disaster coordinating officer, and J. Eric Dietz, Director of the Indiana Department of Homeland Security, met with local government officials to assess disaster recovery efforts. They reported 3,000 homes were estimated to be damaged in the area, but just over half that number had registered for assistance. Flood victims have until December 5, 2006 to apply for benefits and low interest loans from the SBA.

- SBA loans are available at 3.125% annual interest for up to \$200,000 for homeowners and up to \$40,000 for renters to repair homes or replace personal property. Business loans are available at 4% annual interest for up to \$1.5 million for economic injury.
- Persons who aren't able to repay an SBA loan are eligible for FEMA grants up to \$5,600 for minor repairs or up to \$11,300 for major repairs. If a home is totally destroyed, \$28,000 is the maximum grant.

In response to a question, "Could local governments recover their expense for the emergency response, relief and repair endeavors?", Dietz reported there are two thresholds that must be surpassed before local governments could be eligible for up to 75% cost recovery under the FEMA Public Assistance Program: (1) state-wide expenditures must exceed \$7 million; and (2) Lake County local government expenditures

must exceed \$3.05 per capita. Local officials were told to document and submit all expenditures incurred and estimates to repair property damaged; then let the state and federal officials determine whether they will be eligible for reimbursement.

In response to a question, "Could FEMA assist with costs of engineering services and construction of improvements to mitigate reoccurrence of damage caused by flooding, sewer backup and ground water pressure, Janet Crider (State Hazard Mitigation Officer) reported Lake County is presently eligible for risk reduction analysis studies provided the scope of the analysis is regional in character, perhaps by watershed.

Wednesday, October 19, 2006:

The threshold for Lake County and its municipalities to become eligible for reimbursement of its disaster assistance costs is expected to be \$1,477,921. Highland is documenting its costs incurred and estimates for repairing damaged property. Lake County local government officials are encouraged to document and submit their costs and damage estimates, as well.

Monday, October 23, 2006:

A survey was distributed to all of Highland's utility customers asking for more explicit information about the character of flood damage.

The Town Council approved a scope of services and a request for proposals for an engineering study of Highland's storm and sanitary sewer systems. This engineering study will determine whether completion of work in progress, as of September 13, 2006, on current sanitary and storm sewer projects would have materially mitigated flooding and property damage had they been completed prior to the September 2006 storm event. The Engineer will analyze results of the survey disclosing persons who've reported property damage resulting from the September 2006 storm event and submit a report presenting recommended staffing levels for system maintenance procedures based upon productivity standards; measures that should be the responsibility of property owners; preliminary plans and cost estimates for sanitary and storm system improvements that would prevent flooding and sewer backup for 100-year and 200-year frequency storm events.

Friday, October 29, 2006:

The North Township Trustee Office of Frank Mrvan reported the Township has assisted 321 flood victim clients to date at a \$25,956 cost: consisting of \$15,250 for household assistance; \$9,237 for food; \$955 for clothing and \$514 for medical expenses. Call 852-3280 for more information.

Milan Grozdanich, Executive Director, Lake County Community Economic Development Department reported 230 applications were received for emergency flood assistance grants up to \$4,000. \$650,000 has been reprogrammed for emergency assistance grants. Applications are still being accepted for very low-income homeowners residing in Highland, Griffith and unincorporated Calumet Township. Call 755-3225 for more information.

Gordon Johnson, Executive Director, American Red Cross of Northwest Indiana, reported the Red Cross assisted 1,246 people primarily from the communities of East Chicago, Hammond, Highland, Gary, and Griffith. On October 12, the Service Center closed in Highland and reopened at the Northwest Indiana Red Cross headquarters in Merrillville. Operations continue at the Merrillville Chapter offices.

The Red Cross Disaster Relief Operation was carried out by 159 staff and volunteers. Victim assistance has consisted of: 798 meals; 13,099 beverages and snacks; 1,555 cleanup kits; 596 mental health contacts; 141 health services contacts and 324 home visits. The operation has cost \$434,361; \$403,037 in direct financial and material assistance to flood victims. The local chapter has received almost \$87,000 from

generous businesses, corporations, churches and donors to cover approximately 20% of the cost of the operations to date. The Red Cross Disaster Relief Operation is almost completely transitioned to FEMA; although the local chapter is continuing to assist a few people in transitional housing until their FEMA benefits kick in.

The local Red Cross Chapter is now involved in a Long Term Recovery Committee effort with community and faith-based organizations that are active in providing disaster relief. The focus is on people who have received the maximum benefits for which they are eligible from Red Cross and FEMA, and whose received benefits are insufficient to meet the need to fix their homes. The primary population are the elderly, people with special needs, people with disabilities, and single parent households with children. Involved organizations presently include the Lake Area United Way, FEMA, INVOAD, Indiana-Kentucky Conference of the United Church of Christ, Northwest Community Action/211, the Society of St. Vincent DePaul, Catholic Charities, Trinity United Church of Christ Gary, Highland Immanuel United Church of Christ, St. James Church of Highland and the United Methodist Committee on Relief (UMCORE). Call 756-5360 for more information.

The FEMA Disaster Recovery Center reported 3,125 persons from Lake County have registered for assistance as of October 26th, including 1,058 from Highland. The total amount of grants disbursed was \$5,346,823 as of October 24, 2006. Applications for SBA loans have totaled 202 as of October 24, 2006. Of these, 28 loans have been approved in the amount of \$898,600.

The FEMA recovery center will be closing at the Lincoln Center on November 3, 2006. Continued FEMA assistance can be requested by registering on-line at <http://www.fema.gov> or calling 1-800-621-3362 (FEMA).

What is being done to plan for future disasters to protect life and property?

- 1. Tabulate results of a survey to further define the location and character of flood, sewer back-up and hydrostatic pressure property damage.** Town officials intend to ask Lake County Surveyor George VanTil to incorporate the survey data into a Geographic Information System (GIS) map to facilitate the engineering analysis and formulation of recommendations for sewer system improvements.
- 2. Retain an engineer for an independent study of Highland's sewer systems including preliminary plans and cost estimates for sewer system improvements that would prevent flooding and sewer backup for up to 100-year and 200-year frequency storm events.** An engineering firm is expected to be selected and given notice to proceed by November 22, 2006. The first draft of the report will be submitted by May 1, 2007.
- 3. Seek accreditation from the National Flood Insurance Program's (NFIP) Community Rating System to enable Highland property owners to receive discounted flood insurance premiums.** The National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS: (1) reduce flood losses; (2) facilitate accurate insurance rating; and (3) promote the awareness of flood insurance.
- 4. Consider an ordinance that would prohibit placement of yard waste debris in streets.** Aggressive enforcement of an ordinance of this character with stiff penalties for non-compliance could help to keep storm inlet drains free of debris.

5. **Consider an ordinance that would establish regulations and a permit requirement for placing fill on property to mitigate storm water flooding on adjacent property.** This ordinance would enable code enforcement officials to intervene when property owners attempt to divert storm water to a neighbor's property.
6. **Enhance disaster plans for emergency response, recovery and restoration.**

Local governments are expected to provide the first emergency response and to be fully self-sufficient for at least 72 hours after a disaster occurs. At a de-briefing meeting, "first responders" concluded the first 10 hours of the emergency response went well and consistent with the local disaster plan. Plans are needed, however, to support needs of families of emergency operations personnel (including shelter and school staff) who themselves may be disaster victims, perhaps by mutual aid agreements with "sister" agencies for peer-to-peer assistance. The inventory of fire department equipment available in the region for mutual aid is good; an equivalent inventory of public works equipment is needed with phone numbers of persons to call when the equipment might be needed in emergencies.

Improvement is needed in communications; not only with disaster victims, but also with emergency operations staff. Informal communication networks worked better than the protocol prescribed in the Disaster Plan.

To slow the spread of rumors and misinformation, briefings should occur at least every 4 hours for status reports on work-in-progress, services being offered, changes occurring and discussion of problems. Consideration should be given to staffing an emergency call center physically separated from and independent of police dispatchers and routine business operations at town hall.

Periodic news releases were given to the local newspapers and local radio stations; but not all persons listen to the radio or subscribe to newspapers. Improved and redundant methods of timely communications with disaster victims are needed; perhaps by e-mail contact lists, television, a better publicized internet web site, a low frequency FM radio station and/or an emergency phone number answered by knowledgeable emergency operations personnel. Reverse 9-1-1 systems have proved impractical because they require too many out-going phone lines. The 2-1-1 Call Center, scheduled to commence operation on November 1, 2006, should provide better access to health and human service information by referring persons to local providers.

There were complaints of long lines and coordination problems at the Lincoln Center, where the Red Cross, the Township and the County were providing early disaster relief. There appeared to be very little interagency coordination. Persons stood outside for hours on very hot days only to find they were ineligible for assistance. A phone and on-line registration and follow-up response system similar to that subsequently employed by FEMA would have worked better.

The staff at town hall became quickly overwhelmed by offers to donate goods and services. Early on, the Red Cross decided not to accept donated goods, services or offers of temporary housing. Persons and businesses wishing to donate items were asked to contact the Chamber of Commerce who agreed to manage referrals to local charities that could more appropriately manage them. Faith-based relief providers elected to provide services independent of the Red Cross. A volunteer coordinator should be trained and assigned during a disaster to manage donations.

The EOC should remain in operation after the initial response to manage recovery and a Volunteer Coordinator and the 2-1-1 Call Center should have representation at the EOC.