



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

E-mail: littlecal@nirpc.org

Change

Gray @ dunelandgroup.com

MEETING NOTICE

**THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION
AT 6:00 P.M. WEDNESDAY, SEPTEMBER 3, 2003
AT THE COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, IN**

WORK STUDY SESSION - 5:00 P.M.

A G E N D A

1. Call to Order by Chairperson Arlene Colvin
2. Pledge of Allegiance
3. Recognition of Visitors and Guests
4. Approval of Minutes of August 6, 2003
5. Chairperson's Report
 - Meeting with Colonel Gary E. Johnston
 - State Budget Committee presentation on August 14
 - Budget Committee request of \$5 million allocation approved
 - State Budget Agency letter regarding Commission follow-up
6. Executive Director's Report
 - Status of IDNR permit
 - Meeting held August 7 regarding floodplain mapping for Lake County
 - USGS contract for Hart Ditch gage station for fiscal year 2004
 - Burr Street contract coordination status
7. Outstanding Issues
 - Wicker Park soil storage
 - Field inspection by COE of the Hammond 89 acres offer for mitigation
 - Formation of a LEL/LCRBDC/Committee

8. Standing Committees

A. Land Acquisition/Management Committee - Arlene Colvin, Chairperson

Land Acquisition

- Appraisals, offers, acquisitions, recommended actions
- Issues for Discussion

ARLENE COLVIN, Chairperson
Mayor of Gary's
Appointment

EMERSON DELANEY, Vice Chairman
Governor's Appointment

CURTIS VOSTI, Treasurer
Governor's Appointment

ROBERT MARSZALEK, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor of Hammond's
Appointment

STEVE DAVIS
Dept. of Natural Resources'
Appointment

ROBERT HUFFMAN
Governor's Appointment

MARK LOPEZ
Lake County Commissioners'
Appointment

JOHN MROCZKOWSKI
Governor's Appointment

DR. MARK RESHKIN
Governor's Appointment

CHARLIE RAY
Porter County Commissioners'
Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

*4:15 mtg -
10 was here*

get [unclear] [unclear]

*+ Lorraine
+ Steve Enger*

*see [unclear]
surgery [unclear]
set up [unclear]
week of [unclear]
Call [unclear] + Arlene
lunch at
Bennigan's*

Don't call [unclear]

*send a thank-you
note to the Col. [unclear]*

1-4

*CV + MK = 9-7
- 2000 [unclear]*

*dateline
MSNBC.com*

5

6-10

11-12

*follow up w/ Army
Burr St
Task Force*

meet w/ them

NBC

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Land Management

- Weed control treatment completed for east reach recreational trails
- Issues for Discussion

Operation & Maintenance – Committee Chairman Bob Huffman

- O&M Committee meeting held August 21
- Field inspection held on August 29
- Issues for Discussion

B. Environmental Committee – Committee Chairman Mark Reshkin

- Mitigation status of Hobart Marsh area
- Conference call with COE, IDNR, TPL, LCRBDC held August 28
- Issues for Discussion

C. Legislative Committee – Committee Chairman George Carlson

- Letters of appreciation for attendance at Budget Committee presentation
- Issues for Discussion

D. Project Engineering Committee – Committee Chairman Bob Huffman

- Construction Progress Report distribution
- Meeting with Lake County Highway Dept. held August 25
- Issues for Discussion

E. Recreational Development Committee – Committee Chairman Emerson Delaney

- Issues for Discussion

F. Marina Development Committee – Committee Chairman Emerson Delaney

- Issues for Discussion

G. Finance Committee – Committee Chairman Curt Vosti

- Financial status report
- Approval of claims for August 2003
- Finance Committee meeting to be scheduled
- Issues for Discussion

H. Policy Committee – Committee Chairman George Carlson

- Issues for Discussion

I. Public Relations Committee – Committee Chairman Bob Marszalek

- Issues for Discussion

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

Minute Spencer
to Curj

Finance
inf.

13
14-15

MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
HELD AT 6:00 P.M. WEDNESDAY, AUGUST 6, 2003
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

Chairperson Arlene Colvin called the meeting to order at 6:05 p.m. Nine (9) Commissioners were present. Pledge of Allegiance was recited. Guests were recognized.

Development Commissioners:

Arlene Colvin
Robert Huffman
Mark Reshkin
George Carlson
John Mroczkowski
Charlie Ray
Bob Marszalek
Curt Vosti
Mark Lopez

Staff:

Dan Gardner
Sandy Mordus
Lou Casale
Jim Pokrajac
Judy Vamos

Visitors:

Jomary Crary – IDNR, Div. of Water
Kelsee Waggoner – Congressman's Office
Imad Samara – COE
Bill Petrites – Highland resident
Sandy O'Brien – Hobart
Jim Flora – R. W. Armstrong Company
Don Ewoldt – LEL
Paul Ehret – IDNR, Div. of Water
Ken Smith – IDNR, Div. of Water
Dan Rieden – Lake County parks Dept.
Phil Gralik – R. W. Armstrong Company
Spike Peller – Gary SWMD
Steve Enger – Munster resident

The minutes of the July 2, 2003 meeting were approved by a motion from George Carlson; motion seconded by Bob Huffman; motion passed unanimously. Bob Huffman added that, for clarification, it was stated in the minutes that the Marquette Trail in Chesterton was a paved trail and it is not paved. In reality, it is limestone (like our project trails), but it is adequately maintained, making it easier to travel on than our trails, which are in need of maintenance.

Chairperson's Report – Chairperson Arlene Colvin asked the Board members to sign their new I.D. cards and return to Sandy. She will have them laminated and return them.

- Ms. Colvin reported on the Executive Session recently held on July 24. Land acquisition items were discussed and a plan of action to purchase those lands was discussed. With the city of Gary committing to funding for Burr Street betterment levee Phase 2, she felt good about the meeting and feels we have really made progress. Curt Vosti added that items discussed at the Executive Session were only statutory items that could be discussed in a closed door session.
- Ms. Colvin added that Gary E. Johnston, the new Chicago District COE Colonel, will be here on September 3.

Executive Director's Report – Executive Director Dan Gardner reported that he and Jim Pokrajac accompanied Paul Ehret, Ken Smith and Jomary Crary from IDNR on a field visit in the afternoon. They first reviewed maps and documentation and then visited the upcoming west reach project area. They saw Kennedy Industrial Park, some of the completed pump stations, viewed recreational features including Carlson OxBow Park, Riverside Park, Lake Etta Park, and Homestead Park. Wicker Park and Woodmar Country Club were also visited. Anticipated problems with some of these areas were pointed out to them and they left with a better understanding of the problems we are, or will be, incurring. Mr. Ehret thanked Dan and Jim for the informative tour. He can see that the project is very complex.

- Mr. Gardner continued on to talk about the upcoming State Budget Committee meeting to be held August 13-15, with the actual meeting taking place on the 15th. He has been working with Amy McFadden, budget analyst, in coordinating the State Budget committee's schedule to visit our office to talk about the project. Staff has developed an updated Construction Progress Report that will be distributed to the Budget members. They will also be shown the video we have of the levee construction. Mr. Gardner stated there is not enough time allotted to actually show them the project area but Amy McFadden will point out the levees to them as they are traveling by bus to our office. Mr. Gardner stated

that John Bacone and Jomary Crary from IDNR will be here for the Budget members, as well as Kelsee Waggonner, Tim Sanders, Imad Samara and Representative Earl Harris. They are scheduled to be here at 2:45 p.m. on August 14 and all Commissioners are invited.

- Mr. Gardner reported that INDOT has sent us a package for review of dollars spent on several bridges/interchanges. The problem with it is that it doesn't appear to break out any clearly identified flood control costs. He will talk to Imad and see what the next step would be. Regarding administrative credit for project work, Mr. Gardner is continuing to work with NIRPC Accounting Dept. to break down salary costs that would be creditable.

- Mr. Gardner stated that he attended a meeting on July 16 regarding Gary Green Link Corridor project that proposes to connect the Grand Calumet River, the Little Calumet River and the Lake Michigan shoreline within the city of Gary. The LCRBDC has been invited to participate with several consultants hired by the city of Gary to explore and develop a plan to meet these objectives. Mr. Vosti questioned what role the Commission would play in this and Mr. Gardner answered that we were to provide information to the consultants and later, comment on the plan that they develop. He indicated that our plan would be incorporated into their plan as is. Mr. Vosti inquired whether this was connected with watershed storm water management plan requirements. Mark Reshkin asked if there was a local initiative on the storm water but didn't think that this was part of it. Mr. Gardner concurred that this was a discretionary grant and not part of municipal storm water requirements. Spike Peller from the Gary Sanitary District, indicated the District was doing a comprehensive study in Black Oak regarding flooding and storm water as well as the SM4 to meet Federal and State requirements. Mr. Vosti expressed concern that these projects would be coordinated. He asked whether the Black Oak improvement project would impact our project or ours impact theirs. Spike Peller indicated that this was part of what would be addressed in the study. Spike Peller added that they're looking at how the city could improve drainage in Black Oak. Imad Samara then said there was a master plan for Black Oak at one time and he would look for it. Jim Pokrajac stated that the IV-1N drainage project was completed and had previously been coordinated with the city of Gary and could be available for additional storm drainage for Black Oak. Mr. Gardner indicated that he would continue to communicate with the city regarding both of these projects.

- Mr. Gardner informed the Board members that he and Jim Pokrajac were attending a meeting tomorrow at the Lake County Surveyor's Office with FEMA. Now that the commitment for the Burr Street Phase 2 levee project is in place by the city of Gary, efforts need to be started to remove the city from the floodplain, thus eliminating flood insurance and open up areas for economic development. Jomary Crary added that FEMA's prime interest now is digitizing the entire floodplain mapping. Mr. Gardner added that he feels we play a very important role in helping to speed the remapping of Gary out of the floodplain.

Land Acquisition/Land Management Committee – Committee Chairperson Arlene Colvin gave the report. She proceeded to make a motion to approve a 15% increase (if needed) on properties in the East Reach, which have previously been on hold. To save time in coming back to the Board for additional approval for the 15%, she requested that it be approved prior to offering the appraised price. Those that reject the appraisal price would be offered a 15% increase (the maximum amount that the COE will credit). The properties are: DC209 (from \$880 appraisal value to a 15% increase of \$1012); DC210 (from \$590 appraisal value to a 15% increase of \$678.50); DC211 (from \$590 appraisal value to a 15% increase of \$678.50); DC212 (from \$880 appraisal value to a 15% increase of \$1012); DC213 (from \$930 appraisal value to a 15% increase of \$1069.50); DC213-A (from \$920 appraisal value to a 15% increase of \$1058). The motion was seconded by Bob Huffman; motion passed unanimously.

- Mr. Vosti questioned whether it was good practice to approve an increase before the offer is even made to an individual. It was discussed whether it should just be a standard policy to be able to increase the offer when the original appraised value was denied. Attorney Casale said that it would probably be better doing them on a case per case basis. He and Mr. Vosti will talk it over to see if there is a cleaner way of doing this.

Operation & Maintenance Committee – Committee Chairman Bob Huffman gave the O&M report. He reported that it was discussed in the Work Study Session that a date needs to be scheduled for an O&M meeting. That meeting will be scheduled for the week of the 18th.

- Mr. Huffman also stated that the observation deck between Grant & Harrison has been repaired satisfactorily.

Environmental Committee – Committee Chairman Mark Reshkin was happy to report that the Commission is making progress in the Hobart Marsh area, and stated that we are closer to achieving 2/3 of the acreage required by IDNR. If our budget request allocation is approved, we will have a total of about \$1.9 million to spend for the mitigation land.

- Dr. Reshkin reported that a meeting was held on July 10 with LEL in terms of mitigation wetland work they are considering doing within the basin. It was agreed by all to set up a working group of staff, selected board members and LEL to work out details of a continuing contractual relationship with them. Dr. Reshkin stressed that our relationship with LEL is a separate activity from mitigation efforts in the Hobart Marsh area.
- Dr. Reshkin referred to a letter staff sent to Greg Moore regarding the COE's statement that the 89 acres at Carlson-Ox Bow Park was unsuitable for mitigation. We are awaiting a letter from them giving us the reasons why it is not suitable. An e-mail to us today stated that the COE will revisit the Park to make their determination and get back to us. Mr. Vosti asked to be informed of when Greg Moore makes his field trip there; he would like to be present.

Legislative Committee – Committee Chairman George Carlson referred to the letter in the agenda packet to State budget director Marilyn Schultz. The letter requests the allocation of \$5 million and shows the breakdown of how that money will be spent. Mr. Gardner added that he thinks the letter addresses the State's concerns and that we have adequately answered their questions. He will go into detail with them at the presentation on August 14. We have worked with the COE and have stressed that we want to take the least amount of easement as possible from the residents. Some closings have been done in Stage VI-1 but none in the Kennedy Industrial Park area. It is expected that those costs will be significantly higher than originally anticipated.

- Mr. Carlson referred to the letter from Mayor King committing the city of Gary to the \$1.4 million that will complete the construction of Phase 2 for the Burr Street betterment levee. Mr. Gardner added that this is critical to obtaining the IDNR permit and moving forward into the west reach. Mr. Gardner stated that the Mayor expressed concern about local city ordinances in regard to minority participation within the city. Discussion ensued about the forming of a committee consisting of LCRBDC, COE and a city designee to see how they want to proceed. Mark Lopez complimented Mr. Gardner and Commissioner Colvin in securing the Mayor's commitment for the \$1.4 million funding and expressed the importance of using local firms. Curt Vosti expressed concern as to what happens if the estimated cost of Phase 2 goes beyond the monies allotted. Imad said the Federal regulations may restrict this. Mr. Gardner stated that he has expressed the same concern to the COE. Mark Reshkin suggested that this be a discussion item when the Colonel comes to our office on September 3. Mark Lopez asked about having a meeting to make minority contractors aware of the project. Jim Pokrajac replied that the COE/LCRBDC have always had a pre-bid meeting in which contractors (and some sub-contractors) were notified and allowed to participate.

Project Engineering Committee – Committee Chairman Bob Huffman gave the engineering report. He reported that the construction progress report is being updated and will be distributed to the State Budget Committee at our next Commission meeting.

- Mr. Huffman reported that a meeting will be scheduled with Lake County Highway Dept. relative to their reconstruction of the Kennedy Avenue bridge. Although the County Highway's current plan is to only rebuild the existing bridge deck to include 6' sidewalks, we would need a 10' sidewalk to use for a recreation trail tie-in. Mr. Huffman also mentioned that we could raise the bridge deck to eliminate the need for concrete closure slabs and sandbagging during a flood event. Mr. Vosti questioned why the Lake County Highway Dept. couldn't be asked to consider doing a 10' instead of a 6' walkway.
- Mr. Huffman reported that both the town of Highland and the North Township office have responded to INDOT that they would pay their fair share of the cost incurred for the group lift station near Tri-State.
- Mr. Huffman stated that staff has contracted out for utility relocation coordination work for Stage VI-1.

Recreation Committee – There was no report.

Marina Committee – There was no report.

Finance Committee – Committee Chairman Curt Vosti gave the financial report. He referred to and made a motion to approve the financial status sheet and the claims for the month of July totaling \$116,202.25; motion seconded by Bob Marszalek; motion passed unanimously.

- Mr. Vosti stated that, after the State Budget Committee meeting on August 15 where we will know whether our request for \$5 million allocation is approved, a Finance Committee meeting will be scheduled.

Policy Committee – There was no report.

Public Relations Committee – There was no report.

Statements from the Floor – Don Ewoldt asked if we were being held hostage by the COE/IDNR to pay the increased value price for the Hobart Marsh properties. He understands that the appraised price now is \$6,000/acre and when it was appraised as agriculture land, it was only \$1,700/acre. Why the difference? Mr. Gardner replied that, although we have not actually bought any land yet, there is an option on the Bailey property. The COE is currently reviewing some appraisals now. Mr. Gardner stated that without the purchase of mitigation land and without an IDNR permit, no construction can begin in the west reach. Burr Street Phase 2 levee construction is the other critical issue. As far as the appraisal price of the Hobart Marsh lands, it is what it is. We are not appraisers. Trust for Public Land is using qualified independent appraisers in their process. If the COE concurs with an appraisal price, then that is what we will offer. We are following all the rules and regulations, both state and federal.

- Steve Enger brought it to the Board's attention that there appears to be some dumping of fill east of Hart Ditch in Wicker Park. Mr. Gardner stated that he had also noticed it and staff will check with Greg Cvitkovich.

There being no further business, the next meeting was scheduled for 6:00 p.m. Wednesday, September 3, 2003



STATE OF INDIANA

Frank O'Bannon
Governor

STATE BUDGET AGENCY

212 State House
Indianapolis, Indiana 46204-2796
317/232-5610

Marilyn F. Schultz
Director

August 21, 2003

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

Dear Mr. Gardner:

We are pleased to inform you that your project has been reviewed by the State Budget Committee and approved by Governor O'Bannon in the amount of \$5,000,000 from the General Fund. Funds for the Little Calumet River Basin Commission (LCRBC) – Match for Federal Earmarks project may be used for the items detailed in your request letter dated July 18, 2003.

In order to receive these funds, the following requirements must be met: *met*

- 1) The LCRBC must provide to the State Budget Agency (SBA) a copy of a letter from the U.S. Army Corps of Engineers stating that claims are eligible for credit pending proper documentation that is allocable and reasonable, and in accordance with regulations. The appropriate invoices must be attached to the claim voucher. State funds will only be released for those items that are eligible for federal reimbursement. State funds will be released after the SBA receives a claim voucher with the appropriate documentation attached.
- 2) The LCRBC will be required to comply with all Department of Natural Resources (DNR) permits and environmental requirements prior to the release of funds.
- 3) The LCRBC will provide the SBA with an update of the total cost of the project, including an outline by year of federal, state, and local contributions to date. This update should also include the anticipated completion date and future costs associated with construction. The LCRBC will submit the total cost update to the SBA by September 30, 2003.
- 4) The LCRBC will identify a local operating entity to maintain the operation of the Little Calumet River Basin after the construction work is complete. The LCRBC will submit a plan for ongoing operation to the SBA by September 30, 2003.

We look forward to working with you on this project. We believe that by working together representatives from DNR and the SBA can be assured that funds will be used exclusively for federal matching purposes. Please do not hesitate to contact Amy McFadden at (317) 232-5624 at any time if you need assistance in meeting the requirements set forth in this letter. Thank you.

Sincerely,

Marilyn F. Schultz
Marilyn F. Schultz, Director
State Budget Agency

Cc: John Goss, DNR
Beth Compton, Governor's Office

5



Indiana Department of Natural Resources

Frank O'Bannon, Governor
John Goss, Director

Executive Office
402 W. Washington St. Rm. W256
Indianapolis, IN 46204-2739
Ph: (317) 232 - 4020
Fax: (317) 233 - 6811

August 15, 2003

The Honorable Peter J. Visclosky
U.S. Congress, House of Representatives
701 East 83rd Avenue, Suite 9
Merrillville, IN 46410

Re: Little Calumet River
Flood Control/Recreation Project

Dear Congressman Visclosky:

Thank you for your July 15th letter regarding the permit for construction in a floodway and the associated habitat mitigation for the Little Calumet River Flood Control and Recreation Project.

The Department is currently reviewing the permit applications for the west reach portion of the project. You can check the DNR, Division of Water web site at www.IN.gov/dnr/water/ to monitor our permit application activity. For your reference, the application numbers are FW-22,241 (Little Calumet River) and FW-22,313 (Hart Ditch).

As you are probably aware, staff of the Corps of Engineers and the Department of Natural Resources have been working together to assist the Little Calumet River Basin Development Commission (LCRBDC) in the acquisition of property to meet the objectives of the mitigation plan. Discussion with landowners and the appraisal process is ongoing.

My staff will continue to work with the Corps of Engineers and the LCRBDC to get the mitigation plan implemented. If you have any questions regarding this matter, please contact Ms. Jomary Crary, Water Resources Planner, Division of Water at 317-232-4160 or toll free 877-928-3755 or via email at jcrary@dnr.state.in.us.

Sincerely,

Paul J. Ehret
Deputy Director

PJE/MWN/JC

pc: Grand Cal Task Force
Little Calumet River Basin Development Commission, Dan Gardner
US Army Corps of Engineers, Imad Samara

Indiana Department of Natural Resources / Division of Water

Administratively Complete Report

Division of Water
Room W264
402 West Washington Street
Indianapolis, IN 46204

Notice Date : August 14, 2003

Toll Free # : (877) 928-3755
Telephone # : (317) 232-4160
FAX# : (317) 233-4579

Application # : FW-22241

Type : Construction in a floodway

Stream : Little Calumet River

Applicant:

Little Calumet River Basin Development
Commission
Dan Gardner, Executive Director
6100 Southport Road
Portage, IN 46368-6409

Dear Applicant:

On February 20, 2003, the Division of Water received your permit application under the Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10, for the project described on the next page. Based on staff's preliminary review, your application has been deemed administratively complete. Further review of your application will be performed by Department staff to determine if additional technical or environmental information is required. If so, you will be notified by mail at a later date.

If you have any questions regarding the status of your application, please contact the appropriate staff member at the address shown above or at one of the following telephone numbers. Refer to application # FW-22241 in all correspondence with the Department.

Responsibility	Staff	Telephone and Fax #
Administrative	Beth L. Tallon	(317) 232-4160, 233-4579
Technical	ESC North Basin	(317) 232-4160, 233-4579
Environmental	Christie L. Kiefer	(317) 232-4160, 233-4579

In addition to a permit from the Department of Natural Resources, you may also be required to obtain a permit from, or coordinate with, the following agencies. Contact with these agencies is your responsibility.

Agency	Telephone #
Lake County Drainage Board	(219) 755-3755
US Army Corps of Engineers, Detroit District	(313) 226-2218
Indiana Department of Environmental Management	(317) 233-2471
Local city or county planning or zoning commission	

Be advised that this notice is not a permit nor an authorization to proceed with the project. It should not be construed as a waiver of the provisions or requirements of any other state, federal, or local regulatory activity.

Indiana Department of Natural Resources / Division of Water

Administratively Complete Report

Division of Water
Room W264
402 West Washington Street
Indianapolis, IN 46204

Notice Date : August 14, 2003

Toll Free # : (877) 928-3755
Telephone # : (317) 232-4160
FAX# : (317) 233-4579

Application # : FW-22241

Type : Construction in a floodway

Stream : Little Calumet River

Description:

Approximately 10.3 miles of earthen levee, concrete I-wall and sheet piling will be constructed on the north and south overbanks of the river for flood control along the riverside areas of Hammond, Munster, and Highland. The earthen levee will have a top width of 10', crest elevations varying from 600.5' to 604.1' (NGVD), and streamward and landward slopes of 2.5:1 and 3.5:1 respectively. The concrete I-wall and sheet piling will have crest elevations varying from 600.5' to 604.1' (NGVD). Portions of the levee will provide access to vehicles for normal maintenance, inspection and flood fighting, and will have a designated recreation trail that will be contiguous from Cline Avenue to Hohman Avenue. Other construction activities within the floodway includes a proposed control structure in the river about 350' east of Northcote Avenue crossing. The control structure will be rectangular in shape and made of concrete. Details of the project are contained in information and plans received at the Division of Water on February 10, 2003 and May 2, 2003

Location:

Beginning at the Indiana/Illinois state line continuing eastward and ending at Cline Avenue (SR 912) for a total length of approximately 5.6 lineal river miles through Hammond, Munster and Highland Indiana near Hammond, North Township, Lake County

Indiana Department of Natural Resources / Division of Water

Administratively Complete Report

Division of Water
Room W264
402 West Washington Street
Indianapolis, IN 46204

Notice Date : August 14, 2003

Toll Free # : (877) 928-3755
Telephone # : (317) 232-4160
FAX# : (317) 233-4579

Application # : FW-22313

Type : Construction in a floodway

Stream : Hart Ditch

Applicant:

Little Calumet River Basin Development
Commission
Dan Gardner, Executive Director
6100 Southport Road
Portage, IN 46368-6409

Dear Applicant:

On February 20, 2003, the Division of Water received your permit application under the Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10, for the project described on the next page. Based on staff's preliminary review, your application has been deemed administratively complete. Further review of your application will be performed by Department staff to determine if additional technical or environmental information is required. If so, you will be notified by mail at a later date.

If you have any questions regarding the status of your application, please contact the appropriate staff member at the address shown above or at one of the following telephone numbers. Refer to application # FW-22313 in all correspondence with the Department.

Responsibility	Staff	Telephone and Fax #
Administrative	Beth L. Tallon	(317) 232-4160, 233-4579
Technical	Rajindra Gosine, P.E.	(317) 232-4160, 233-4579
Environmental	Christie L. Kiefer	(317) 232-4160, 233-4579

In addition to a permit from the Department of Natural Resources, you may also be required to obtain a permit from, or coordinate with, the following agencies. Contact with these agencies is your responsibility.

Agency	Telephone #
Lake County Drainage Board	(219) 755-3755
US Army Corps of Engineers, Detroit District	(313) 226-2218
Indiana Department of Environmental Management	(317) 233-2471
Local city or county planning or zoning commission	

Be advised that this notice is not a permit nor an authorization to proceed with the project. It should not be construed as a waiver of the provisions or requirements of any other state, federal, or local regulatory activity.

Indiana Department of Natural Resources / Division of Water

Administratively Complete Report

Division of Water
Room W264
402 West Washington Street
Indianapolis, IN 46204

Notice Date : August 14, 2003

Toll Free # : (877) 928-3755
Telephone # : (317) 232-4160
FAX# : (317) 233-4579

Application # : FW-22313

Type : Construction in a floodway

Stream : Hart Ditch

Description:

Approximately 4900' of earthen levee and I-wall will be constructed on the east and west overbanks of the river for flood control along the riverside areas of Munster, and Highland. The earthen levee will have a top width of 10', crest elevations varying from 605.2' to 604.7' (NGVD), and streamward and landward slopes of 2.5:1 and 2.5:1 respectively. The I-wall will have a crest elevation of 604.7' (NGVD). The control structure will be rectangular in shape and made of concrete. Details of the project are contained in information and plans received at the Division of Water on February 10, 2003 and May 2, 2003

Location:

Beginning at the confluence of the Little Calumet River and continuing south for a total length of approximately 4900' in Munster and Highland, Indiana near Hammond, North Township, Lake County



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

Water Resources Division
5957 Lakeside Boulevard
Indianapolis, Indiana 46278-1996
(317) 290-3333

August 14, 2003

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 2004 (October 1, 2003 to September 30, 2004). Please sign all originals; return one signed original to this office by September 22, 2003, 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 2004). 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 District Budget Analyst, Susan Ellis, at (317) 290-3333, extension 146. Should you have any technical questions please contact Scott Morlock, Hydrologic Data Section Chief, at (317) 290-3333, extension 153. We appreciate your support in this program and look forward to continuing our successful relationship during future federal fiscal years.

Sincerely,

James A. Stewart
District Chief

Enclosures

Form 9-1366
(Nov. 1998)

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

Customer #: IN042
Agreement #: 04E4IN2412008
Project #: 2412-00100
TIN #: 351517363
Fixed Cost Agreement Yes

FOR

THIS AGREEMENT is entered into as of the 14TH day of August, 2003, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Little Calumet River Basin Commission, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a program to operate a streamflow gaging station on Hart Ditch at Munster herein called the program.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program

- | | | |
|-----|------------|--|
| (a) | \$5,200.00 | by the party of the first part during the period
October 1, 2003 to September 30, 2004 |
| (b) | \$5,470.00 | by the party of the second part during the period
October 1, 2003 to September 30, 2004 |

***\$270.00 in unmatched funding

- (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
9. Billing for this agreement will be rendered on September 30, 2004. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. GEOLOGICAL SURVEY
UNITED STATES
DEPARTMENT OF THE INTERIOR

By:  Date 8/14/03
Title James A. Stewart, District Chief

By: _____ Date _____

By: _____ Date _____

By: _____ Date _____

(USE REVERSE SIDE IF ADDITIONAL SIGNATURES ARE REQUIRED)

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
FINANCIAL STATEMENT
JANUARY 1, 2002 - JULY 31 2003

CASH POSITION - JANUARY 1, 2003

CHECKING ACCOUNT	
LAND ACQUISITION	134,776.87
GENERAL FUND	43,780.09
TAX FUND	0.00
INVESTMENTS	958,000.00
SAVINGS	315,341.09
ESCROW ACCOUNT INTEREST	1,015.16
	<hr/>
	1,452,913.21

RECEIPTS - JANUARY 1, 2003 - JULY 31, 2003

LEASE RENTS	33,732.70
LEL MONIES (SAVINGS)	
INTEREST INCOME(FROM CHECKING & FIRST NATL)	28,514.55
LAND ACQUISITION	317,926.51
ESCROW ACCOUNT INTEREST	197.86
MISC. RECEIPTS	42,002.34
KRBC REIMBURSEMENT RE: TELEPHONE CHARGE	497.70
TRANSFERRED FROM SAVINGS	39,204.94
PROCEEDS FROM VOIDED CHECKS	52.80
TOTAL RECEIPTS	462,129.40

DISBURSEMENTS - JANUARY 1, 2002 - JULY 31, 2003

ADMINISTRATIVE	
2001 EXPENSES PAID IN 2002	119,002.99
PER DIEM	4,850.00
LEGAL SERVICES	3,108.31
NIRPC	86,257.26
TRAVEL & MILEAGE	775.78
PRINTING & ADVERTISING	203.88
BONDS & INSURANCE	6,429.00
TELEPHONE EXPENSE	3,180.71
MEETING EXPENSE	701.54
LAND ACQUISITION	
LEGAL SERVICES	41,184.91
APPRAISAL SERVICES	37,475.00
ENGINEERING SERVICES	18,901.45
LAND PURCHASE CONTRACTUAL	40,746.00
FACILITIES/PROJECT MAINTENANCE SERVICES	0.00
OPERATIONS SERVICES	0.00
LAND MANGEMENT SERVICES	117,150.68
SURVEYING SERVICES	2,585.00
MISCELLANEOUS EXPENSES	0.00
ECONOMIC/MARKETING SOURCES	0.00
PROPERTY & STRUCTURE COSTS	14,773.67
MOVING ALLOCATION	0.00
TAXES	271.28
PROPERTY & STRUCTURES INSURANCE	200.00
UTILITY RELOCATION SERVICES	12,975.14
LAND CAPITAL IMPROVEMENT	0.00
STRUCTURAL CAPITAL IMPROVEMENTS	2,484.00
BANK CHARGES MERCANTILE	35.20
PASS THROUGH FOR SAVINGS	71,946.34
TOTAL DISBURSEMENTS	466,235.15

CASH POSITION - JULY 31, 2003

CHECKING ACCOUNT	
LAND ACQUISITION	122,725.25
GENERAL FUND	51,518.10
TAX FUND	0.00
TOTAL FUNDS IN CHECKING ACCOUNT	174,243.35
TOTAL INVESTMENTS	958,000.00
FIRST NATIONAL BANK	700,000.00
(BASE CAPITAL INVESTMENT)	4/26/2004
FIRST NATIONAL BANK	258,000.00
(MISC INTEREST/RENTAL INVESTMENT)	4/26/2004
BANK ONE SAVINGS ACCOUNT BALANCE	280,540.82
(LEL MONEY)	117,434.87
(MARINA SAND MONEY)	133,721.49
+	
(STATE DRAW MONIES)	-
(GARY PARKS & REC MONIES)	-
SAVINGS INTEREST	29,384.46
TOTAL INVESTMENTS & SAVINGS	1,238,540.82
ESCROW ACCOUNT INTEREST AVAILABLE	1,213.02
	<hr/>
TOTAL OF ALL ACCOUNTS	1,413,997.19

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

MONTHLY BUDGET REPORT, AUGUST 2003

	2003 BUDGET	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	9 MONTH	UNALLOCATED
								ALLOCATED	BUDGETED
								TOTAL	BALANCE
5801 PER DIEM EXPENSES	12,000.00	200.00	0.00	0.00	0.00	0.00	0.00	200.00	11,800.00
5811 LEGAL EXPENSES	6,375.00	593.66	283.33	310.33	589.33	634.33	697.33	3,108.31	3,266.69
5812 NIRPC SERVICES	93,750.00	10,210.39	10,747.62	10,448.76	10,456.63	10,809.44	10,416.63	63,089.47	30,660.53
5821 TRAVEL/MILEAGE	6,125.00	91.42	13.44	11.48	7.28	15.96	23.52	163.10	5,961.90
5822 PRINTING/ADVERTISING	3,750.00	0.00	203.88	0.00	0.00	0.00	0.00	203.88	3,546.12
5823 BONDS/INSURANCE	7,000.00	0.00	77.00	0.00	0.00	6,352.00	0.00	6,429.00	571.00
5824 TELEPHONE EXPENSES	5,250.00	115.61	384.39	296.20	290.49	405.42	0.00	1,492.11	3,757.89
5825 MEETING EXPENSES	4,500.00	109.90	68.65	24.84	78.00	90.80	329.35	701.54	3,798.46
5840 PROFESSIONAL SERVICES	375,000.00	22,062.06	27,986.54	38,322.98	42,878.68	47,427.93	34,239.27	212,917.46	162,082.54
5860 PROJECT LAND PURCHASE EXP.	438,121.00	1,300.00	1,650.00	155.61	79.00	5,532.00	34.00	8,750.61	429,370.39
5881 PROPERTY/STRUCTURE INS.	12,500.00	691.00	0.00	0.00	0.00	0.00	0.00	691.00	11,809.00
5882 UTILITY RELOCATION EXP.	50,000.00	0.00	0.00	0.00	10,133.15	2,096.19	745.80	12,975.14	37,024.86
5883 PROJECT LAND CAP. IMPROV.	125,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125,000.00
5884 STRUCTURES CAP. IMPROV.	12,500.00	2,484.00	0.00	0.00	0.00	0.00	0.00	2,484.00	10,016.00
	1,151,871.00	37,858.04	41,414.85	49,570.20	64,512.56	73,364.07	46,485.90	313,205.62	838,665.38

	2003 BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	12 MONTH	UNALLOCATED
								ALLOCATED	BUDGETED
								TOTAL	BALANCE
5801 PER DIEM EXPENSES	12,000.00	3,100.00	0.00					3,300.00	8,700.00
5811 LEGAL EXPENSES	6,375.00	283.33	283.33					3,674.97	2,700.03
5812 NIRPC SERVICES	93,750.00	10,483.16	10,636.33					84,208.96	9,541.04
5821 TRAVEL/MILEAGE	6,125.00	349.68	24.92					537.70	5,587.30
5822 PRINTING/ADVERTISING	3,750.00	0.00	1,880.00					2,083.88	1,666.12
5823 BONDS/INSURANCE	7,000.00	0.00	0.00					6,429.00	571.00
5824 TELEPHONE EXPENSES	5,250.00	705.20	513.07					2,710.38	2,539.62
5825 MEETING EXPENSES	4,500.00	0.00	59.70					761.24	3,738.76
5840 PROFESSIONAL SERVICES	375,000.00	67,948.68	42,710.61					323,576.75	51,423.25
5860 PROJECT LAND PURCHASE EXP.	438,121.00	30,055.28	8,510.00					47,315.89	390,805.11
5881 PROPERTY/STRUCTURE INS.	12,500.00	200.00	0.00					891.00	11,609.00
5882 UTILITY RELOCATION EXP.	50,000.00	3,076.92	5,019.17					21,071.23	28,928.77
5883 PROJECT LAND CAP. IMPROV.	125,000.00	0.00	0.00					0.00	125,000.00
5884 STRUCTURES CAP. IMPROV.	12,500.00	0.00	0.00					2,484.00	10,016.00
	1,151,871.00	116,202.25	69,637.13	0.00	0.00	0.00	0.00	499,045.00	652,826.00

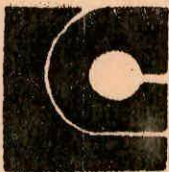
CLAIMS PAYABLE FOR AUGUST 2003

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	CASALE, WOODWARD & BULS LLP	283.33	MONTHLY RETAINER THROUGH 8/21/03
5812	NIRPC	10,553.91	SERVICES PERFORMED JULY 2003
5812	SANDY MORDUS	31.57	REIMBURSEMENT FOR EXPENSES FOR BUDGET MEETING 8/14/03
5812	JIM POKRAJAC	24.37	REIMBURSEMENT FOR FILM FOR PROJECT USE
5812	SANDY MORDUS	26.48	REIMBURSEMENT FOR OFFICE SUPPLIES
5821	SANDY MORDUS	24.92	AUGUST MILEAGE
5822	MINUTEMAN PRESS	1,880.00	COST OF DUPLICATION OF CONSTRUCTION PROGRESS REPORT
5824	AT & T	161.15	CONFERENCE CALL 7/7/03 CHARGE
5824	AT & T	230.25	BILLING PERIOD 7/14/03-8/13/03(TOTAL BILL 249.60 KRBC 18.35)
5824	VERIZON NORTH	121.67	BILLING PERIOD 8/16/03-9/16/03(TOTAL BILL 234.40 KRBC 112.73)
5825	SAND RIDGE BANK CHARGE	59.70	EXPENSES INCURRED 8/15/03 AFTER STATE BUDGET COMM MEETING
5842	R. W. ARMSTRONG	2,118.01	PROFESSIONAL SERVICES FOR PERIOD ENDED 8/15/03
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 35-40 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 27-34, BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 20-28 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 18 & 19 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 13-17 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 10-12 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-8038(LOTS 1-9 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-809(LOTS 23-30 BLOCK 9)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-809(LOTS 14-22 BLOCK 9)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-809(LOTS 1-12 BLOCK 9)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 47-57 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-808(LOTS 41-46 BLOCK 8)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-809(LOTS 31-46 BLOCK 9)
5843	STEWART TITLE SERVICES OF NW IN LLC	345.00	TITLE WORK PERFORMED FOR DC-809(LOTS 47-58 BLOCK 9)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-809(LOTS 57-60 BLOCK 9)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 1 & 2 BLOCK 12)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 26-28 BLOCK 12)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 29 & 30 BLOCK 12)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-540(LOTS 1 & 2 BLOCK 13)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 3 & 4 BLOCK 13)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 5-11 BLOCK 13)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 16-18 BLOCK 13)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 19-22 BLOCK 13)
5843	STEWART TITLE SERVICES OF NW IN LLC	470.00	TITLE WORK PERFORMED FOR DC-540(LOTS 22 & 23 BLOCK 13)
5843	STEWART TITLE SERVICES OF NW IN LLC	355.00	TITLE WORK PERFORMED FOR DC-540(PART LOT 24 BLOCK 13)
5843	CHICAGO TITLE INSURANCE COMPANY	450.00	TITLE WORK PERFORMED FOR DNR 11
5843	TICOR TITLE INSURANCE COMPANY	100.00	TITLE WORK PERFORMED FOR DC-1010F
5844	JAMES E. POKRAJAC	5,486.25	ENGINEERING SERVICES 7/16/03-7/31/03
5844	JAMES E. POKRAJAC	158.20	JULY MILEAGE
5844	JAMES E. POKRAJAC	4,807.00	ENGINEERING SERVICES 8/1/03-8/15/03
5844	JUDITH VAMOS	3,828.40	LAND ACQUISITION SERVICES 7/16/03-7/31/03
5844	JUDITH VAMOS	26.60	JULY MILEAGE
5844	JUDITH VAMOS	2,105.60	LAND ACQUISITION SERVICES 8/1/03-8/15/03
5844	G. LORRAINE KRAY	376.00	CREDITING TECHNICIAN/LAND ACQUISITION ASST 7/16/03-7/31/03/03
5844	G. LORRAINE KRAY	1,015.20	CREDITING TECHNICIAN/LAND ACQUISITION ASST 8/1/03-8/15/03
5844	SANDY MORDUS	382.00	CREDITING TECHNICIAN SERVICES 7/16/03-7/31/03/03
5844	SANDY MORDUS	294.00	CREDITING TECHNICIAN SERVICES 8/1/03-8/15/03
5847	DLZ	3,310.00	PROFESSIONAL SERVICES FOR DC-617
5847	DLZ	1,540.00	PROFESSIONAL SERVICES FOR DC-1002
5849	CASALE, WOODWARD & BULS LLP	7,118.35	LAND ACQUISITION/LEGAL SERVICES FOR PERIOD ENDED 8/21/03
5881	QUINCY COURT PARTNERSHIP	8,510.00	UNIFORM OFFER FOR DC-1013D
5882	NIES	5,019.17	UTILITY RELOCATION SERVICES FOR STAGE VI-I

TOTAL

69,637.13

15



WORK STUDY SESSION
ENGINEERING COMMITTEE

September 3, 2003

Bob Huffman, Committee Chairman

1. A meeting was held with the Lake County Highway Department on August 25 to review the Kennedy Avenue Bridge.
 - COE to write a letter to Lake County to acknowledge what they want to include in the Lake County bridge contract.
 - At this point in time, it appears it will be the 10' walkway, the concrete closure slabs, and the incremental engineering cost.
 - LCRBDC getting easement agreements.
 - Refer to Page 7 & 8 of attachment to the Engineering Report for notes of the meeting
2. Baring Avenue Pump Station – Scheduling and Construction Status
 - Hammond Sanitary District was concerned with contractor progress, operational pump station capacity, and time line for work completion.
 - COE position is no more than one pump will be out at any time (as coordinated during review process with HSD); HSD would operate supplemental pumps if required; current schedule for completion is December 2003.
 - Discuss LCRBDC position on this issue.
 - Refer to Pages 14-16 of the attachments to the Engineering Report
3. Stage VI-1 plans and specifications distributed to Hammond and Highland (as well as NIES & SEH Engineering)
 - Comments due no later than September 10
 - All affected parties have the opportunity to review and comment, in writing, with their questions or concerns. The COE will respond, in writing, to each issue.

*per Invol -
Lake County
w/plan office*



WORK STUDY SESSION
SEPTEMBER 3, 2003

OPERATION AND MAINTENANCE
Bob Huffman, Committee Chairman

OPERATION AND MAINTENANCE

1. An O&M Committee meeting was held on August 21.
 - Discussed operation and maintenance funding. This was an item that the State Budget Committee brought up at the August 14 presentation.
 - Reviewed the individual features table. The sluice gate was the feature analyzed, but we would expand the table.
 - A letter will be sent to the COE requesting check list formats for features, and our position on levee acceptance for O&M.
 - Field inspection date discussed.
 - Refer to Pages 2 & 3 of the attachments to the Land Management Report for notes of the meeting.
2. A field inspection was held with the Committee on August 25 to review the construction of the south levee between Grant and Harrison.
 - The intent of this inspection was to familiarize the O&M Committee with field conditions and afford the opportunity to discuss on the site.
 - Several items of concern were found in this cursory inspection.
 - Sluice gates were operated and each feature summary was reviewed and discussed.

Sandy



Little Calumet River Basin Development Commission

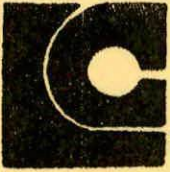
WORK STUDY SESSION

3 September 2003

LAND ACQUISITION

Arlene Colvin, Chairperson

- 1.) There are no increased offers.
- 2.) There are no condemnations.
- 3.) Acquisition Update:
Specific information is available in monthly committee report.
 - a.) East Reach (Cline to MLK north and south of river- 19 tracts): Received Corps appraisal approval on 6 tracts for offers to be made.
 - b.) East Reach Remediation (I/65 and 80/94 - 12 tracts): We're pursuing seven properties on the 10/15/03 tax sale.
 - c.) Burr Betterment Levee Burr Street Levee (Southern levee- 8 tracts): These eight tracts will be re-appraised to a current fair market value for the acquisition procedure to begin again.
 - d.) Stage VI-1 (Kennedy Industrial Park - 58 tracts): Six appraisals to be completed and reviewed, three tracts in condemnation, 19 tracts closed, 21 offers almost ready for presentation to Highland and Hammond, nine landowners considering their offers.
 - e.) Stage VI-2 (Liable to Cline south of river - 12 tracts): We're ordering title work and surveys to start acquisition for a spring 2004 deadline.



WORK STUDY SESSION
SEPTEMBER 3, 2003

LAND MANAGEMENT
Arlene Colvin, Committee Chairperson

LAND MANAGEMENT

1. The Development Commission has been notified by the insurance company on August 19, 2003 that 5 isolated structures in the East Reach Remediation area that we own are an "attractive nuisance" and should be either secured or demolished as soon as possible.
 - Action needed to have staff pursue demolition of structures.
2. Weed control was completed for all the East Reach recreation trail segments on August 20, 2003.
3. A letter was sent to the Village Farm Stand (Chase Street Produce) on August 11 informing them that the construction on Chase Street over I-80/94 has been completed and that the reduced monthly rental period (reduced from \$1700/month to \$1500/month) is over and that (as a previous motion made at the April 3, 2003 Board meeting) their rent will go up to \$2,000/month.

LAND MANAGEMENT REPORT
For meeting on Wednesday, September 3, 2003
(Information in this report is from July 30 – August 27, 2003)

A. NON-PROJECT LAND MANAGEMENT

A. Charles Agnew Handicapped Accessible Park is completed. The sign will take 9 weeks to build and ship. Changes to the sign have been delivered to the Playworld System's representative.

B. Lease Agreements

1. 3120 GERRY STREET (RENTAL HOUSE)

- A lease agreement was signed by the tenants on June 19 for \$350/month on a month-to-month agreement.
- The tenants moved in on June 24, 2003.

2. CHASE STREET FARM STAND

- A letter was sent to the Chase St. Farm Stand (Village Farm Stand) on August 11th, 2003, indicating that Chase St. construction over I-80/94 is now complete and that as per a previous motion by the commissioners, their monthly rental will be increased to \$2,000 per month. /

B. PROJECT RELATED LAND MANAGEMENT

A. O&M Committee (ongoing issues)

B. O&M (Project manual review/accepting completed segments)

1. The O&M Committee consists of the following members: Bob Huffman (Chairman), Arlene Colvin, Steve Davis, Emerson Delaney, and Bob Marszalek.
2. A meeting was held by the GSD on June 13 to review the pre-construction status of the re-building of the 27th & Chase Street pump station.
 - A letter was sent to the COE on July 2 regarding access during a flood event to the Ironwood Pump Station.
3. An O&M Committee meeting was held on August 11th, 2003.
 - The committee reviewed O&M funding, individual features tables, O&M summaries, and an upcoming field inspection by the Committee (Refer to notes of the meeting). 2-3
4. A field inspection was held with the O&M committee on August 25th, 2003, to review the construction of the South levee between Grant and Harrison. (Stage II-3C)

B. Emergency Management/River Monitoring

1. LCRBDC has reviewed COE mapping which shows locations of road closings, sandbagging, and emergency response locations. A plan to coordinate each community flood event response has been obtained by the LCRBDC and submitted to the COE to be incorporated into the final O&M submittal.

C. Portions of West Reach pump stations in Hammond and Highland have been turned over to their respective communities. Representatives of the Hammond and Highland Sanitary Districts have inspected these facilities with the COE and contractor and signed off as completed.

1. LCRBDC received a copy of a letter from Attorney Allegretti on March 12 (dated March 1) with (8) concerns from the HSD before approving.
 - We received a response from the COE on May 15 addressing these issues and forwarded them to LCRBDC attorney on May 16. Can now proceed.
- D. **Authorization was given to C&H Mowing to do weed control on the recreational trails in Gary (on the stoned levee crest) in the amount of \$1,535.00.**
- E. Authorization was given to South Shore Marina, Inc. on **August 15th, 2003** to do **miscellaneous repairs and refitting at various sites in Gary in the amount of \$810.00**
- F. LCRBDC received a request from INDOT for a right-of-entry for a 12' strip of land adjacent to the I-80/94 south right-of-way from Chase Street to MLK Drive on June 27, 2003.
 1. A motion was made at the July 2 Board meeting that prior to signing the ROE, the COE needs to review the plans and specs and give their approval, and Attorney Casale review and approve the ROE request. (A letter was sent to INDOT on July 9, 2003 conveying this information)
 - **The COE has indicated that there are no engineering concerns because their construction does not impact our project.**
 - **Attorney Casale made review & comments on their ROE form on August 6th, 2003. This information was forwarded to the INDOT real estate representative on August 15th, 2003.**
 2. **Staff has identified the majority of properties in the area of request and will sign a ROE for only those properties where we have an interest in fee.**
- G. We received a letter from the LCRBDC insurance company on August 19th, 2003, indicating that several abandoned structures in the East Reach Remediation Area are "attractive nuisances" and should be secured, if not demolished.
 1. **LCRBDC will proceed to complete this demolition locally.**



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

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

EMERSON DELANEY, Vice Chairman
Governor's Appointment

CURTIS VOSTI, Treasurer
Governor's Appointment

ROBERT MARSZALEK, Secretary
Governor's Appointment

GEORGE CARLSON
*Mayor of Hammond's
Appointment*

STEVE DAVIS
*Dept. of Natural Resources'
Appointment*

ROBERT HUFFMAN
Governor's Appointment

MARK LOPEZ
*Lake County Commissioners'
Appointment*

JOHN MROCZKOWSKI
Governor's Appointment

DR. MARK RESHKIN
Governor's Appointment

CHARLIE RAY
*Porter County Commissioners'
Appointment*

DAN GARDNER
Executive Director

LOU CASALE
Attorney

August 11, 2003

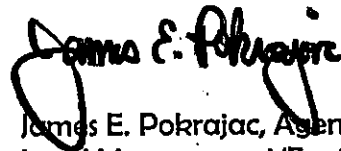
Mr. Bert Witvoet
Village Farm Stand
1 West Sibley
South Holland, Illinois 60473

Dear Bert:

I have enclosed copies of the three (3) previous letters regarding the increase and/or reduction of your monthly rental for the Chase Street Farm Stand on 35th Avenue in Gary. The letter dated October 21, 2002 indicated the motion passed by our Board of Commissioners to increase your monthly rental from \$1,700 per month to \$2,000 per month. This was supposed to be in effect as of January 1, 2003. I also enclosed a letter dated December 23, 2002 whereby we had enclosed 3 copies of our modified Business License Agreement to reflect the increased amount. Lastly, I enclosed our most recent letter dated April 10, 2003 reducing your rent from \$1,700 per month to \$1,500 per month until Chase Street was reopened.

At this point in time, Chase Street has been open to the public since the first week of August of this year. Accordingly, as per our letter of April 10, we are requesting again that the monthly rental of \$2,000 per month be in effect on your payment beginning September 2003. To make this effective, we still need to have your signature on the Business License Agreement which you have in your possession. We would appreciate your cooperation in submitting this increased amount to us with the signed agreements. If you have any questions or would like to meet with us to discuss this matter any further, please let me know.

Sincerely,



James E. Pokrajac, Agent
Land Management/Engineering

/s/jm
encl.
cc:

Lou Casale, LCRBDC attorney
Arlene Colvin, LCRBDC Chairperson



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

ARLENE COLVIN, Chairperson
*Mayor of Gary's
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EMERSON DELANEY, Vice Chairman
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TO: O&M Committee members: Bob Huffman, Arlene Colvin,
Steve Davis, Emerson Delaney, Bob Marszalek,
Jim Flora and Phil Gralik, R. W. Armstrong Company
Dan Gardner

FROM: James E. Pokrajac, Agent, Land Management/Engineering

SUBJECT: Notes of the O&M Committee Meeting on August 21, 2003

DATE: August 22, 2003

Attendees at the O&M Committee meeting held on August 21 at the Commission Office: Bob Huffman, Steve Davis, Emerson Delaney, Bob Marszalek, Jim Flora, Phil Gralik, Dan Gardner, and Jim Pokrajac.

Following are the notes from the discussion we held at that O&M meeting:

1. Operation and Maintenance Funding

- Dan Gardner discussed the operation and maintenance that was a part of the State Budget Committee presentation which was held on August 14 at the Commission office. He mentioned that the current Budget Committee seemed very informed on our project. He also mentioned that we will work with the Committee on submitting future reports (quarterly) on funding and expenditures.
- The Budget Committee discussed what the local contributions were and asked what our future strategy is for upcoming O&M. The cities of Gary and Hammond were represented and indicated that both communities support this project and would work with the Development Commission on participating for the operation and maintenance of completed segments in their respective community.
- It was resolved that the O&M Committee will concentrate their efforts on the technical portion of the operation and maintenance and that the Finance Committee will do the funding coordination.
- Possibilities of different funding were discussed, including creating a Conservancy District. (Jim Flora discussed different ways of creating a district and also forming committees.)

2. Individual Features Tables

- Phil Gralik presented and discussed the table regarding sluice gate maintenance.

- The Committee concurred that the information provided was satisfactory. However, we would like to expand this table to include additional information.
- In addition to the items listed and the intervals that these will have to be done, we should include a table that would have the date the item was completed, a column to initial for the responsible party, a column for comments on what would be required (if needed) to repair or correct that item, and a reference to where this item would appear in the O&M Manual.
- The Committee agreed that the COE needs to give the Development Commission an official checklist for each O&M item to help us establish a format that is acceptable.
- Phil Gralik will comprise a modified table to include this additional information and we will have the Committee comment and review. Upon concurrence, we will submit this form (as an example) to the COE to allow them the opportunity to review and comment. (This will be included as an attachment to our letter of concern to the COE)
- A letter of concern will be written to the COE regarding our accepting any levee segments prior to the COE providing us with detailed O&M information, which we have requested in the past.
- The Committee also mentioned that we should indicate that we are willing to accept future O&M after the COE provides us with information that we need to structure our format for doing inspections as per their Federal regulations.

3. O&M Summary for Individual Phases

- The Committee agreed we cannot proceed with other O&M features until we receive all the information (tables and formatting) in order that we do not have to re-do each feature.

4. Field Inspection

- The Committee agreed that the best time to do this would be at 1:30 p.m. in the afternoon rather than on a weekend. Commissioner Bob Huffman expressed a concern to have this inspection prior to our Commission meeting on September 3.
- The inspection will be for Stage II Phase 3C which extends from Grant Street to Harrison, south of the river. It is our intent to include the operation of the sluice gate as part of our inspection.
- The following dates for this field inspection (for LCRBDC O&M Committee only) we would like you to consider and respond to in order that we can set a day and the time:

Monday, August 25
Tuesday, August 26
Thursday, August 28
Friday, August 29
Tuesday, September 2

We intend to meet in the Gas City Parking Lot east of Grant Street and walk the entire levee segment. We anticipate the entire inspection could take 2-3 hours. Will you please respond back to me as soon as you can in order to finalize a date.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters.

2. The second part outlines the specific procedures for handling sensitive information. It stresses the need for strict confidentiality and the implementation of robust security measures to protect data from unauthorized access or disclosure.

3. The third part addresses the role of communication in organizational success. It highlights the importance of clear, concise, and timely communication between all levels of the organization to ensure that everyone is aligned with the same goals and objectives.

4. The fourth part discusses the importance of continuous learning and development. It encourages the organization to foster a culture of innovation and growth by providing opportunities for employees to acquire new skills and knowledge.

5. The fifth part focuses on the importance of maintaining high standards of quality and safety. It outlines the necessary protocols and procedures to ensure that all products and services meet the highest standards of excellence and are safe for use.

6. The sixth part discusses the importance of maintaining strong relationships with external stakeholders, including customers, suppliers, and regulatory bodies. It emphasizes the need for open communication and collaboration to build trust and ensure long-term success.

7. The seventh part addresses the importance of maintaining accurate financial records and reporting. It outlines the necessary procedures for tracking expenses, revenues, and other financial data to ensure that the organization remains financially sound.

8. The eighth part discusses the importance of maintaining a strong corporate culture and values. It emphasizes the need for leadership to set a clear vision and mission statement that guides the organization's actions and decisions.

9. The ninth part focuses on the importance of maintaining a strong commitment to social responsibility and sustainability. It outlines the necessary steps to ensure that the organization's operations are environmentally friendly and socially responsible.

10. The tenth part discusses the importance of maintaining a strong focus on customer satisfaction and loyalty. It emphasizes the need for the organization to listen to customer feedback and respond promptly to their needs and concerns.

11. The eleventh part addresses the importance of maintaining a strong focus on employee well-being and engagement. It outlines the necessary steps to ensure that employees are motivated, supported, and able to perform at their best.

12. The twelfth part discusses the importance of maintaining a strong focus on innovation and research and development. It emphasizes the need for the organization to invest in new technologies and ideas to stay competitive in the market.

13. The thirteenth part focuses on the importance of maintaining a strong focus on risk management and compliance. It outlines the necessary steps to ensure that the organization is aware of and able to manage all potential risks and is compliant with all applicable laws and regulations.

14. The fourteenth part discusses the importance of maintaining a strong focus on strategic planning and execution. It emphasizes the need for the organization to have a clear, long-term vision and to develop a detailed plan to achieve it.

15. The fifteenth part addresses the importance of maintaining a strong focus on talent management and recruitment. It outlines the necessary steps to ensure that the organization is able to attract, develop, and retain the best talent in the industry.

16. The sixteenth part discusses the importance of maintaining a strong focus on corporate governance and ethics. It emphasizes the need for the organization to have a clear set of ethical principles and to ensure that all actions are guided by these principles.

17. The seventeenth part focuses on the importance of maintaining a strong focus on digital transformation and technology adoption. It outlines the necessary steps to ensure that the organization is able to leverage the latest technologies to improve its operations and competitiveness.

18. The eighteenth part discusses the importance of maintaining a strong focus on global expansion and international relations. It emphasizes the need for the organization to have a clear strategy for entering new markets and building strong relationships with international partners.

19. The nineteenth part addresses the importance of maintaining a strong focus on crisis management and disaster recovery. It outlines the necessary steps to ensure that the organization is able to respond quickly and effectively to any potential crises or disasters.

20. The twentieth part discusses the importance of maintaining a strong focus on corporate social responsibility and community engagement. It emphasizes the need for the organization to be an active and positive member of the community and to contribute to the well-being of society.



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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CHARLIE RAY
*Porter County Commissioners'
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DAN GARDNER
Executive Director

LOU CASALE
Attorney

August 15, 2003

Mr. Kelly G. Hall
President
C&H MOWING, INC.
918 South 250 West
Hebron, Indiana 46341

Dear Kelly:

Enclosed please find 2 copies of the agreement between C&H MOWING and the Little Calumet River Basin Development Commission to provide herbicide treatment on the crown of the levee within the city of Gary. Also enclosed is the map showing the area to be treated.

If you are agreeable to all of the terms provided therein, please sign both copies, keeping one for yourself and returning the other one to this office. Once I have received your signed copy, you may consider this letter as your notice to proceed.

Upon completion of the work, please call me and I will meet with you at the site to review, for record, what has been cleared. If you have any questions at any time, you can reach me at the number listed above.

Sincerely,

James E. Pokrajac, Agent
Land Management/Engineering

/sjm
encl.



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DAN GARDNER
Executive Director

LOU CASALE
Attorney

August 15, 2003

Mr. David Zak
South Shore Marina, Inc.
1700 Marine Street
Portage, Indiana 46368

Dear Dave:

Enclosed please find 2 copies of the agreement between South Shore Marina and the Little Calumet River Basin Development Commission for services to do miscellaneous repair and refitting at various sites in Gary.

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

Sincerely,

James E. Pokrajac, Agent
Land Management/Engineering

/sjm
encl.

5

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P.O. BOX 288 / 2621 BEECH STREET / VALPARAISO, IN 46384 / AREA 219 462-5106



August 19, 2003

RE: Vacant dwellings in Gary

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

Dear Sandy,

Dan Gardner sent me a letter back in March explaining that the Commission owns properties in Gary on which ~~three~~ abandoned, dilapidated dwellings sit. These dwellings are scheduled for demolition no sooner than spring of 2004. In the meantime, Nautilus Insurance Company considers these structures a serious liability hazard as "attractive nuisances" and they must be secured against illegal entry. If the foundations and exteriors are sound, the doors and windows must be locked and the windows boarded up. If the foundations and exteriors are not sound, the perimeter of each such dwelling must be completely surrounded by at least a six-foot high fence. In either instance, "No Trespassing" signs must be posted.

Hopefully, these security measures have already been taken. If not, however, they must be implemented as soon as possible. Please let me know when these precautions have been or will be taken. I will need photographs to pass on to the company to document your compliance.

As always, please call me if you have any questions regarding the above.
Thanks for your help, Sandy.

Sincerely,

A handwritten signature in dark ink, appearing to read 'John'.

John E. Green AU, APA
Manager/Agent
Valparaiso Insurance Professionals

PROJECT ENGINEERING MONTHLY STATUS REPORT

**For meeting on Wednesday, September 3, 2003
(Information in this report is from July 30 – August 27, 2003)**

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. Rausch Construction started on November 20th, 1995. (Construction is now completed)
 - Current contract amount - \$3,288,101.88
 - Original contract amount - \$3,293,968.00
 - Amount overrun – current contract is under COE estimate.
2. A final inspection with the LCRBDC and the COE was held on December 18th, 2002.
LCRBDC received O&M Manuals & inspection was found to be completed as per plans & specifications.
 - Awaiting “as-built” drawings.
 - Contractor is relieved from any further contractual responsibilities.
3. Refer to monthly construction status report

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

1. WEBB Construction was the contractor.
 - Original contract amount - \$3,451,982.36.
 - Current contract amount - \$3,915,178.36
 - Amount overrun - \$463,196 (13%)

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

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

1. Projected date to advertise – August, 2003.
2. Projected construction start – Spring, 2004.

3. Anticipated construction cost \$1,787,000.
4. Kickoff meeting held with Chicago COE & A/E (St. Paul Army Corps District) on December 5th, 2002.
5. **LCRBDC received 50% plans for review and comment.**
6. **Refer to COE monthly status report.**

2

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

1. Project is completed.
 - Current contract amount - \$4,186,070.75
 - Original contract amount - \$3,089,692.00
 - Amount overrun - \$1,096,378 (36%)
2. A final inspection was held with the LCRBDC and the COE on December 18th, 2002, including the Ironwood stormwater pumping station.
 - The LCRBDC received O&M Manuals and the inspection was found to be completed as per plans and specifications.
 - Contractor has no more legal responsibilities for this contract.
3. LCRBDC received as-built drawings from the COE on January 6, 2003.
4. Refer to monthly construction status report

STATUS (Stage III) Chase to Grant Street:

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

STAGE III Drainage Remediation Plan:

1. The bid opening was September 10, 2002
 - A. The low bidder is Dyer Construction
 - Contract was awarded on September 30, 2002
 - Construction started February, 2003
 - Anticipated completion November, 2003
 - B. Project money status:
 - Original contract estimate - \$1,695,822
 - Original contract amount - \$1,231,845
 - Current contract amount - \$1,231,845
 - C. COE estimates approx. \$1 million to do this work. \$800,000 for ditches and pumps, \$50,000 to engineer an 18,500 GPM pump station west of Grant Street. The remainder will be applied toward work with the city of Gary.
2. The scope of this project is to include the following:
 - A. Lift stations West of Grant to remediate drainage problems due to Stage III construction.
 - B. East Reach remediation lift station for interior drainage.
 - C. Extending the combination sewer, East of Grant St., North to our line of protection.
3. A meeting was held on April 17 with NIPSCO, LCRBDC, COE, Dyer Construction and their electrical contractor.
 - A. NIPSCO is engineering and coordinating their power to the drop and is working with Dyer's electrical contractor. This is west of Grant and west of Marshalltown (to serve both pump stations).

- B. It appears NIPSCO has modified some of the electrical requirements for conduits to serve the pump stations. This could affect the contract cost.
4. Refer to COE monthly status report.

3
2

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. We received "as built" drawings from the COE on March 13th, 2002. The only item needed to be completed is to assure turf growth in all areas.

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

1. Dyer Construction was low bidder. Given 450 days to complete
 - Current contract amount - \$4,285,345
 - Original contract amount - 3,862,737
 - Amount overrun - \$422,608 (11%)
2. An inspection was held with Dyer Construction/COE/LCRBDC on December 18th, 2002.
 - The inspection was found to be satisfactory as per plans and specifications, and the contractor is relieved of any further contractual responsibilities.
 - The LCRBDC received O&M Manuals, "as-built" drawings on the day of inspection.
3. We received a response from the COE on January 7th, 2003, addressing vegetation.
 - Current plantings are for erosion control that will give way to native grasses. Native grasses weren't planned on this contract, but will be part of the upcoming landscaping II contract.
4. Refer to COE monthly construction status report

4

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

1. Dyer Construction – 100% complete.
 - Current contract amount - \$3,329,463.66
 - Original contract amount - \$2,473,311.50
 - Amount overrun - \$856,152 (34%)
2. The North Burr St. stormwater pumping station has been completed.
 - A. A memo was sent to the COE on September 17th, 2002, requesting their consideration to add some minor items to the contract. This will be incorporated into the Stage III remediation contract.
 - Awaiting as-built drawings.
3. The final inspection was held on December 18th, 2002, with the COE, Dyer & LCRBDC and found to be satisfactory as per plans and specifications.
 - We received O&M Manuals and the hand held programmer on December 18th, 2002
4. Refer to COE monthly construction status report.

/

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

1. Project money status:
 - Current contract amount - \$1,948,053.31
 - Original contract amount - \$1,530,357.50
 - Amount overrun - \$417,696 (27%)
2. The COE submitted "as built" drawings to the LCRBDC on October 2nd, 2002.

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. The bid opening was held on May 9th, 2000
 - The low bidder is Dyer Construction.
 - Current contract amount - \$2,228,652.16
 - Original contract amount - \$2,074,072.70
 - Amount overrun - \$113,604.62 (6%)
2. The drainage ditch north of the Mansards is having sloughing problems that should be corrected when Burr St. Phase II is completed.

STATUS (Betterment Levee – Phase 2) Colfax to Burr St., the North. NSRR, then East (North of RR R/W ½ between Burr and Clark, back over the RR, then South approx. 1,400 feet:

1. The projected government estimate for this project is approx. \$3.6 million.
 - **The City of Gary has agreed to commit \$1.4 million to this project, which will be available by February, 2004. This will allow utility re-locations to begin.**
2. Utility coordination needs to be reviewed (but not money spent) and a letter was sent to NIPSCO on September 27th, 2002, requesting this information.
3. A letter was sent to Wolverine Pipeline on July 18, 2003 requesting coordination for necessary utility re-locates for their two (2) 16" pipelines.

5-6

STATUS (Stage V Phase 1) Wicker Park Manor:

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

STATUS (Stage V Phase 2):

1. A meeting was held with the LCRBDC and the COE on May 14 to discuss revised scheduling with the recent appropriation from the State.
 - A. We agreed to break up Stage V-2 into (2) segments as follows:
 - Stage V-2A (Kennedy to Indianapolis Blvd.)
 - Stage V-2B (Indianapolis Blvd. to Northcote)
 - A letter was sent to the COE on June 5 requesting division of V-2 into (2) segments & also hydrology data and recreational tie-in. **(Response is ongoing.)**
 - B. A revised schedule proposes to do Stage V-2B this biennium, with a tentative start of construction in late summer of 2004. (Based upon \$7 million being available-excluding Burr Street II)
 - **LCRBDC cannot make a firm commitment to this segment due to potential real estate costs escalating for VI-1.**

- Until we finalize acquisition and sign the ROE for VI-1, we won't know what our balance is for our remaining \$5 million in the budget.
 - This will be done approximately the same time, or slightly after, the INDOT Tri-State pump station
 - As part of an email from the COE on June 26th, 2003, they indicated that the bridge over the Little Calumet River and the trail North of the River will remain part of V-3. (See item #3 in the email.)
2. INDOT drainage issues at Indianapolis Blvd. and the Little Calumet River.
- A. INDOT anticipates that this project will have a March, 2004 letting, and a construction completion near the end of 2005.
- A letter of commitment (Memo of Understanding) was sent from North Township to INDOT on May 30, 2003 indicating that they support this project and are willing to pay its fair share.
 - A letter of commitment (Memo of Understanding) was sent from the town of Highland to INDOT on July 15th, 2003, indicating their Sanitary Board passed a resolution to participate in their paying their fair share.
- B. We received a letter from INDOT on January 6th, 2003, that is a conceptual proposal of costs, responsibilities, and O&M concerns.
- INDOT needs local money prior to advertising for bids. Highland has 7.38% (\$18,450), North Township has 89.35% (\$233,375), and INDOT has 3.27% (8,175).
 - O&M for this station (\$40,750) needs to be negotiated.

STATUS (Stage V Phase 3) Woodmar Country Club:

1. Refer to Land Acquisition report for status of appraisal process and revised schedule.
 - The current schedule shows a March 2006 advertising date. The construction sequence due to hydrology will push construction back in the schedule.
2. This project will be done after all other construction between Cline Ave. and Northcote is completed due to hydrology concerns with installing the control structure as part of the project.

STATUS (Stage VI – Phase 1) Cline to Kennedy – North of the river, and Kennedy to Liabe, South of the river:

1. The COE is currently planning to advertise this project in October, 2003, award in February of 2004, and start construction in April, 2004. The contract estimate for Stage VI-1 is \$6 million, and North Drive pump station at \$1.5 million, these two contracts are estimated at a cost of \$7,500,000 (local share at 7% would be \$525,000.)
2. A meeting was held with the COE, town of Highland, and LCRBDC on February 6, 2003 to review North Drive Pump Station and discuss VI-1 construction.

A. LCRBDC proposed that sheet piling be installed in one large area behind residences instead of levee construction (similar to the accepted V.E. proposal in Stage VII)

 - COE responded on April 7, 2003 saying they are working on it and it may be in the VI-1 review set.

B. A letter was sent to NIPSCO on July 18th, 2003, providing information from the COE for locations and electrical requirements.

3. A coordination meeting was held on August 25th, 2003, with the Lake County Highway Dept., LCRBDC, and the Army Corps to discuss the upcoming construction by the county for their bridge and our construction on and adjacent to Kennedy Ave. 7-8
 - The county is only re-building portions of the existing bridge deck.
 - COE agreed we could accept the cost for the incremental difference for a 10' trail, include the concrete closure slabs, engineering costs, and minor clay work.
 - An interlocal agreement will need to be signed between the COE, Lake Co. Hwy., and the LCRBDC.
4. A contract was signed with SEH Engineering to coordinate all Hammond utility re-locations, Water Department, Hammond Sanitary District, etc. on May 21.
 - Received status report from SEH on July 23rd, 2003.
 - A conference call was held with SEH and the COE on July 23rd, 2003 to discuss status and scope of work. We received a spreadsheet and letter on July 23rd detailing each utility relocation.
5. A contract was signed with NIES Engineering to coordinate all Highland utility re-locations on May 23.
 - A letter was sent to NIPSCO on July 3, 2003, submitting civil engineering drawings and requesting coordination.
 - A field meeting was held on July 21, 2003, to review all re-locations. A conference call was held to discuss impacts on July 30th.
6. Some concerns were expressed by the City of Hammond regarding the COE design of tie back levees adjacent to the S.E. Hessville pump station.
 - The COE responded with an email on August 5th, 2003, explaining their position. 9

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

1. Rani Engineering was awarded the A/E contract by the COE in January 2000. They are out of St. Paul, Minnesota.)
 - The anticipated construction cost for this segment is \$3,650,000.
2. It is the intent of the COE to advertise this segment separately from Stage VI-1. A schedule has not yet been determined because the final engineering and real estate have not yet been completed, nor reviewed.
 - An e-mail was sent to the COE on April 7, 2003 requesting confirmation that this will be bid separately from VI-1 and to what their schedule is.
 - COE responded that RANI should complete their plans by September, 2003.
3. NIES Engineering will be given the task to do all utility coordination (excluding NIPSCO for this segment.
 - LCRBDC will coordinate NIPSCO utility work.
4. Refer to COE monthly contract status report. 10

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 COE anticipates we should be getting the 100% drawings for review and comment no later than the Spring of 2003. (ongoing)
 - LCRBDC completed plan and spec review and submitted it to the COE on July 9th, 2003.
3. Refer to COE monthly construction status report. 1

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

1. Project currently on hold.
2. Some preliminary design has been completed by SEH. (Contract has been terminated at this point in time.)

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%)
2. The lift station at the Southwest corner of the existing levee that will handle interior drainage is being done as part of the Stage III remediation project. (See Stage III remediation in this report for details.) Construction started March, 2003.

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

1. Bids were opened on September 17th, 2002, and Renewable Resources, Inc. (from Barnesville, Georgia) is the successful bidder.
 - The government estimate is \$1,017,082 and the low bid came in at \$921, 103 (this is \$95,979 under the estimate).
 - Construction started in late March, 2003. On site at Chase Street; clearing and grubbing, signage installed, trenching and backfilling. (Refer to page 3 of attachments)
2. Refer to COE monthly construction status report. 11

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 July 23, 2003.)
 - Current contract amount - \$4,855,320
 - Original contract amount - \$4,638,400
 - Amount overrun – \$216,920 (4.7%)
3. We received the project progress update from the COE on August 20th, 2003 For any detailed information regarding construction status, refer to the attached "Project Progress Update Report". 12-13

- Baring Pump Station
60% complete
- Walnut Pump Station
60% complete
- S. Kennedy Pump Station
49% complete
- Hohman/Munster Pump Station
76% complete

4. Morgan Overstreet stated that Overstreet is attempting to hire a general contractor to manage and complete all of their work on this contract. (Ongoing)
5. Refer to COE monthly construction status report.
6. A letter was written to the COE by the HSD on July 28th, 2003, regarding flooding concerns at the Baring Ave. Pump Station. 14
 - The COE wrote a letter of response to the HSD on August 13th, 2003, providing them with information on scheduling and of pump sequencing for repairs or replacements. 15-16

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. Thieneman Construction from Griffith, IN was the successful bidder.
 - Current contract amount - \$2,120,730.12
 - Original contract amount - \$1,963,400.00
 - Amount overrun - \$157,330 (9%)

North Fifth Avenue Pump Station:

1. The low bidder was Overstreet Construction
 - Current contract amount - \$2,486,277
 - Original contract amount- \$2,387,500.00
 - Amount overrun - \$98,777 (4.1%)
 - Project is currently 85% completed
 - Project completion date was scheduled for May 28, 2003.
2. We received the last Project Progress Update from the COE on August 20th, 2003. 12-13
3. Refer to COE monthly construction status report.

GENERAL:

1. We received a letter from Spencer Cartwright (Associate Professor of Biology at Indiana University Northwest) on July 9th, 2003, with concerns, and ideas, regarding landscaping, wetlands, plantings, and ecology of Northwest Indiana. 17-19
 - This was submitted to the COE on August 26th, 2003, for their information, and also for their consideration of controlled burns in the East Reach on some of our completed levees. 20-21
 - Landscaping – Phase II includes some controlled burns and this could affect the scope of work.

**CALUMET AREA OFFICE
CONTRACT STATUS REPORT**

18 JUL - 20 AUG 2003

CONTRACT NO: DACW23-95-C-0071		CONTRACTOR: RAUSCH	
DESCRIPTION: STAGE II - PHASE 3B		PR & C NO. 959776	
		CONTRACT AMOUNT	CONTRACT COMPLETION
C-S MGR: GARCES	ORIGINAL: \$3,293,968.00	ORIGINAL: -	% COMPLETE SCH ACT
C-S QA REP: KARWATKA	CURRENT: \$3,288,101.88	CURRENT: 05 DEC 98	100 100
C-C MGR: TURNER	OBLIGATED: \$3,288,101.88	SUBSTANTIAL: 05 DEC 98	
	EARNED: \$3,288,101.88	FINAL W/O D. 18 DEC 02	
COMMENTS: Initiating contract closeout. Awaiting PP-PM/ED-D responses to following issues: A) Submitted red line as-builts to ED-DT for preparation of As-Builts in September 2001. Received preliminary drafted as-builts from ED-DT on 16 JUL 03. Two (2) drawings were missing. ED-DT is in the process of drafting the two (2) missing drawings.			

CONTRACT NO: DACW23-95-C-0073		CONTRACTOR: DYER CONSTRUCTION	
DESCRIPTION: STAGE IV - PHASE 2A		PR & C NO. 759328	
		CONTRACT AMOUNT	CONTRACT COMPLETION
C-S MGR: GARCES	ORIGINAL: \$2,473,311.50	ORIGINAL: -	% COMPLETE SCH ACT
C-S QA REP: RUNDZAITIS	CURRENT: \$3,329,463.66	CURRENT: 29 SEP 01	100 100
C-C MGR: TURNER	OBLIGATED: \$3,329,463.66	SUBSTANTIAL: 29 SEP 01	
	EARNED: \$3,329,463.66	FINAL W/O D. 01 JUN 02	
COMMENTS: Local Sponsor requesting phase indicator system for generator plug-in. Will be incorporated via modification to Stage III Remediation. Awaiting action on other field changes that will be incorporated with the phase indication system for generator plug-in. Initiating Contract Closeout. Awaiting PM-M/ED-D responses to following: A) TS-C-S has As-Builts for Chief TS-C to sign. However, holding pending upcoming modification for generator phase indicator system. Once modification for generator phase indicator system is completed, appropriate sheets will be revised by TS-DC, returned to TS-C-S for incorporation into complete as-built set. TS-C-S will then obtain TS-C chief signature.			

CONTRACT NO: DACWXX-XX-C-00XX		CONTRACTOR: -	
DESCRIPTION: LITTLE CAL STG. VII		PR & C NO. -	
		CONTRACT AMOUNT	CONTRACT COMPLETION
C-S MGR: -	ORIGINAL: -	ORIGINAL: -	% COMPLETE SCH ACT
C-S QA REP: -	CURRENT: -	CURRENT: -	- -
C-C MGR: -	OBLIGATED: -	SUBSTANTIAL: -	
	EARNED: -	FINAL W/O D.	
COMMENTS: 100% BCOE Review completed.			

CONTRACT NO: DACW23-02-C-0010		CONTRACTOR: DYER CONSTR. CO., INC.	
DESCRIPTION: STAGE III REMEDIATION		PR&C NO. %774112	

		CONTRACT AMOUNT		CONTRACT COMPLETION		% COMPLETE	
C-S MGR:	GARCES	ORIGINAL:	\$1,231,848.50	ORIGINAL:	9 NOV 03	SCH	ACT
C-S QA REP:	KARWATKA	CURRENT:	\$1,231,848.50	CURRENT:	9 NOV 03	59	59
C-C MGR:	-	OBLIGATED:	920,000.00	SUBSTANTIAL:	-		
		EARNED:	\$ 836,895.70	FINAL W/O D.			

COMMENTS:

Constructed the Marshalltown pump station structure.

Constructed the drain tile pump station structure.

Clearing and Grubbing 75% complete.

Installed drain tile pump station outlet structure & piping from pump station to outlet structure.

Completed existing structure demolition and removal at concrete box culvert

Constructed ditch control structure.

Completed regrade, compacting and paving of existing ramps.

Completed pavement marking.

Completed bollard retrofit and hardwares.

Concrete box culver, complete

Witness Testing for pumps at both pump stations completed. Test results being submitted for approval.

Modification for additional 24" & placement for riprap was sent to Contractor for Signature.

Modification for Concrete Demolition was sent to Contractor for Signature.

Modification for Stone Riprap at Culverts was sent to Contractor for Signature.

Contract expected to be completed at the end of OCT 03.

CONTRACT NO: DACWXX-XX-C-00XX		CONTRACTOR:	
DESCRIPTION: LITTLE CALUMET LANDSACPING II		PR & C NO. %	

		CONTRACT AMOUNT		CONTRACT COMPLETION		% COMPLETE	
C-S MGR:		ORIGINAL:	\$	ORIGINAL:	01 MAR 03	CH	ACT
C-S QA REP:	RUNDZAITIS	CRRENT:	\$	CURRENT:	30 APR 03	100	100
C-C MGR:	TURNER	OBLIGATED:	\$	SUBSTANTIAL:	-		
		EARNED:	\$	FINAL W/O D.	-		

COMMENTS:

50% BCOE is in progress.

Sandy Mordus

From: "Sandy Mordus" <smordus@nirpc.org>
To: <BKWoodberry@NISOURCE.com>
Sent: Thursday, August 21, 2003 3:32 PM
Subject: Stage III Remediation

Brian:

As per our conversation of August 21, I am forwarding the email I received from the ACOE regarding electric service for our Stage III remediation project. This includes the electric service to be provided in the Marshalltown area for the pump station and also includes the pump stations west of Grant Street. Will you please address these concerns as expressed by the COE?

Will you please send me your cost estimates for providing electric service for these stations in order that I may get approval from the COE for the amount you have estimated? I realize I must determine who the owner will be and I will pursue this with the city of Gary.

Jim Pokrajac

(Brian - I found that I had deleted the email so I have retyped it exactly as it was sent to us. - Sandy).

FROM: Edmund.J.Karwatka@lrc02.usace.army.mil
TO: littlecal@nirpc.org; Ven.S.Garces@lrc02.usace.army.mil;
Victor.P.Gervais@lrc02.usace.army.mil;
cc: Douglas.M.Anderson@lrc02.usace.army.mil; Imad.Samara@lrc02.usace.army.mil;
Ernesto.T.Go@lrc02.usace.army.mil; Edmund.J.Karwatka@lrc02.usace.army.mil;
SENT: Tuesday, August 19, 2003 10:37 am
SUBJECT: Stage III Remediation - Little Calumet River

Jim Pokrajac:

As discussed this morning, I have been informed by Dyer Construction that NIPSCO has asked for changes in the design: Dwg. E-1 Marshalltown and Dwg. E-2 drain tile pump stations, show underground 2" rigid conduit from both the meter poles to the metering cabinets and from the metering cabinets to the pump stations. From metering cabinets to pump stations, we specify four, #8 cables, installed by contractor. From meter poles to metering cabinets, we do not size the cables which are to be installed by NIPSCO. Sub-contractor, Marquiss Electric Inc., has advised Dyer that Brian Woodberry, NIPSCO engineer, has informed them that they require a 3" conduit minimum to pull their cables. We do not know what size cables they propose to utilize. If this requirement holds, Marquiss Electric has submitted an additional cost of \$2,659.00 to upsize the conduits. Keep in mind that this does not include Dyer's mark-up. Please respond.

Edmund Karwatka

Jim Pokrajac:

CONTRACT NO: DACW27-01-C-0001		CONTRACTOR: OVERSTREET ELEC. CO.	
DESCRIPTION: PUMP STA. 1A		PR & C NO. 015179	

		CONTRACT AMOUNT		CONTRACT COMPLETION		% COMPLETE	
C-S MGR:	ANDERSON	ORIGINAL:	\$4,638,400.00	ORIGINAL:	08 OCT 02	SCH	ACT
C-S QA REP:	CRAIB	CURRENT:	\$4,859,564.85	CURRENT:	01 DEC 03	75	68
C-C MGR:	TURNER	OBLIGATED:	\$3,376,427.59	SUBSTANTIAL:	-		
		EARNED:	\$3,057,996.93	FINAL W/O D.			

COMMENTS:
Contractor is continuing with submittals.

Baring – Installation of SWP-1 is about complete. Commissioning will take place soon.

Hohman – The reinstallation of DWP-2 drive shaft is completed. Commissioning will take place soon. Little activity this month.

Rebuilt Fairbanks Morse pumps from Walnut Avenue pump station are being factory tested. Installation is expected soon. Viking is rehabilitating Pump 1-3 discharge piping.

Removal of old and installation of new electrical equipment at Baring, Walnut, and South Kennedy continues.

Pump #5 from South Kennedy has been rebuilt and has set in place. However, the pump & motor are not able to be commissioned until electrical connections within the MCC are completed

Portable pumping units are located at Baring Ave. for removal of SWP-1&2. Temp. pump was stolen from Baring Pump Station. Rental unit was brought on-site as a replacement.

A00010 – Time Extension NPSH Testing Issued. Executed and Distributed

A00011 – Handrail at South Kennedy Johnston pump discharge box. Executed & Distributed.

Awaiting PM-M/ED-D responses to the following: None

CONTRACT NO: DACW27-00-C-0015		CONTRACTOR: DYER CONSTRUCTION	
DESCRIPTION: STAGE IV – PHASE 1 SOUTH		PR & C NO. 476674	

		CONTRACT AMOUNT		CONTRACT COMPLETION		% COMPLETE	
C-S MGR:	ANDERSON	ORIGINAL:	\$3,862,736.65	ORIGINAL:	09 AUG 01	SCH	ACT
C-S QA REP:	KARWATKA	CURRENT:	\$4,285,344.70	CURRENT:	16 NOV 01	100	100
C-C MGR:	TURNER	OBLIGATED:	\$4,285,344.70	SUBSTANTIAL:	16 NOV 01		
		EARNED:	\$4,285,344.70	FINAL W/O D.			

COMMENTS:
Contract Closeout Completed.



**OFFICE OF THE MAYOR
GARY, INDIANA 46402 - 1236**

**SCOTT L. KING
MAYOR**

**(219) 881-1301
FAX (219) 881-1337**

July 22, 2003

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

Mr. Imad Samara
Project Manager
U.S. Army Corps of Engineers
1100 Canal Street
Chicago, IL 60606-7206

Dear Gentlemen:

I am writing to the Little Calumet Basin Development Commission and the U.S. Army Corps of Engineers regarding construction of the final segment of the Little Calumet River Flood Control/Recreation Project in Gary – the Burr Street levee segment. I understand that additional non-federal funding is needed to allow construction to be let due to the fact that constructing full levee protection is a locally preferred "betterment". I also understand that once non-federal funding for the project is committed, the Federal Emergency Management agency can begin the process to remove the city from floodplain designation. To achieve full and equal flood protection for the City, I support this full levee construction.

I understand the Federal participation toward the Burr Street project is capped at \$2,700,000.00. In recognition of the need for added non-federal funding to construct the preferred full levee protection; and in recognition of the State of Indiana's commitment of 25% funding of the Burr Street levee segment (consistent with the State's participation on the remainder of the project), I commit City funding capped at \$1,400,000.00 to move this needed segment to construction at the earliest time possible. This funding amount will be available by February, 2004.

I wish to also indicate that with City resources committed to this segment, the project needs to comply with applicable City ordinances regarding city residents and minority business participation. I believe the previously adopted Affirmative Action Commitment made by Col. David Reed on February 10, 1993 can form the basis for development of the Burr Street levee contracting procedure.


Mr. Dan Gardner
Mr. Imad Samara
July 22, 2003

-2-

Also, in the presentation made July 10, 2003 regarding the funding commitment, it was indicated that a "project construction coordination team" made up of representatives of the U.S. Army Corps of Engineers, the Little Calumet River Basis Development Commission, and the City of Gary was desirable and feasible in order to insure appropriate coordination of the project. I strongly urge this coordinated "team" approach be used in order to insure a successful process for all parties concerned.

I trust this meets your needs to move this project segment to construction.

Sincerely,



Scott L. King
Mayor

SLK:ie

Cc: Congressman Peter Visclosky
Rep. Earl Harris
Marilyn Schultz

NOTES FROM THE MEETING WITH LAKE COUNTY HIGHWAY
DEPARTMENT REGARDING KENNEDY AVENUE BRIDGE
MONDAY, AUGUST 25, 2003

Attendees: Mark Malczewski, Superintendent, LCHD
Duane Alverson, Engineer, LCHD
Dan Gardner, LCRBDC
Jim Pokrajac, LCRBDC
Imad Samara, COE (By Telephone Conference)

Purpose of the meeting: Preliminary coordination meeting with the Lake County Highway Department and the COE to discuss the upcoming coordination for the re-constructing of the bridge deck on the Kennedy Avenue bridge over the Little Calumet River.

It was resolved at this point in time that Imad Samara will send a letter to the Lake County Highway Department and the Little Calumet River Basin Development Commission indicating what items of coordination the COE would like to have the Highway Department coordinate as part of their contract. Currently, three (3) items appear that will be addressed. These are as follows:

- (1) To include the construction of a 10' pedestrian walkway along the east side of the bridge (the COE verbally agreed that the incremental difference between the proposed 6' walkway and the new 10' walkway would be approximately \$90,000 and could be addressed as a project cost).
- (2) Concrete closure slabs that would be installed into the pavement along the line of protection on both the Hammond and Highland sides (This would make sense to do all of the construction of the rebuilding of the bridge deck and concrete closure slabs to avoid having multiple road closures during this construction).
- (3) The COE agreed to compensate the Highway Department's engineering consultant (RQAW) for the incremental engineering costs that will be necessary to coordinate the modification of the plans and specifications to include our work.

We discussed the potential of raising the bridge deck approximately 3' to eliminate the need for concrete closure slabs or sandbagging, and closing off Kennedy Avenue during flood events. By raising the bridge, the approaches from the north and from the south would be extended significantly making this a very expensive proposition. It appears that there is no funding mechanism available for construction of this raising of the bridge other than County funding or our using both State and Federal funds to supplement their costs. Accordingly, we have opted to only do as we have described above, whereby the County will only do repairs to the bridge deck and incorporate those supplemental items as outlined by the COE in their letter.

Page 2

The current schedule for the Lake County Highway Department is to try to start construction during the early summer of 2004 and complete construction before the end of 2004. The Development Commission Stage VI Phase 1 contract is anticipated to be advertised no later than the spring of 2004 with a construction start following shortly thereafter. We anticipate completion of our project in the fall of 2005. We will coordinate with the Lake County Highway Department in order that their contractor and our contractor will not interfere with each other's work.

It was agreed by all parties that the Development Commission will continue to pursue the necessary easement agreements for getting road closure easements from both the town of Highland and the city of Hammond that will allow the Highway Department to do their construction, will allow the Development Commission the right to maintain and inspect, and will allow flood fighting in those areas during a flood event.

After we receive the letter from the COE describing what items they want to be included as part of their project, the COE will work with the County engineering firm to coordinate the design. Costs will be estimated by the County Highway Department and will be reviewed by the COE to assure that the costs submitted are fair and reasonable. After COE concurrence, we propose, at that point in time, to enter into an Inter-local Agreement between the County Highway Department, the Development Commission, and the COE.

/sjm

Sandy Mordus

From: <Imad.Samara@lrc02.usace.army.mil>
To: <littlecal@nirpc.org>
Cc: <icasale@cwblawfirm.com>
Sent: Tuesday, August 05, 2003 2:42 PM
Subject: Levee's along the Hessville Pump Station

Dear Dan

As you know I had two-separate conversations with Commissioner Carlson regarding the Levee's along the Hessville Pump Station Outfall Pipe. The first conversation took place after the commissioners executive meeting on July 24, 2003. Mr. Carlson questioned the necessity of the levees along the pipe and raised the concern that these levees are built to protect the property owned by Krosan Enterprises to the east of the pump station. I did explain to Mr. Carlson that the purpose of the Levees along the pipe is to protect the entire area from a flood caused by the pipe failure. I explained that since the pipes are 30 to 40 years old the COE cannot certify that the pipe will be reliable in the event of a 200-year flood. The COE was faced with two alternatives to remedy the concern. One, is to replace an 87"X136" (7' by 11') Elliptical pipe. The second is to build the two levees along the pipe. The COE did do a cost evaluation at the time between the two alternatives and the least costly alternative is building the levees. Steve Davis also was involve in that conversation and he suggested that maybe a liner can be placed inside the pipe. When I came back to the office and looked into his suggestion I realized that the reason this was not considered because the shape of the pipe. The pipe is not a standard circular or box pipe it is an elliptical pipe. As a result of the conversation with Mr. Carlson the COE will not change the design. The second conversation I had with Mr. Carlson (indirectly) was the next day when Mr. Stan Dostatni, Hammond City Engineer, contact me on the phone and talked to me regarding the levees along the pipe. He did inform me that Mr. Carson was at his office. Stan's concern was that the two levees do not meet and the floodwater was channeled to 179th Street just north of the pump station. I did inform Mr. Dostatni that the two levees are connected with a floodwall just south of the pump station. Mr. Dostatni also had a concern about blocking the pump station access road and I assured him that the access of the pump station would not be blocked. I also informed Mr. Dostatni that the COE is completing the plans for the Stage VI-1 and he will have the opportunity to review and comment on them. I also informed him that I would make myself available to discuss any technical issue he may have. So as a result of this conversation the COE will not make changes to the levees along the pipe.

Imad N. Samara
Project Manager

111 N Canal Street
Chicago, IL 60606
Tel: 312-846-5560.
Fax: 312-353-4256

CONTRACT NO: DACWXX-XX-C-00XX		CONTRACTOR: -	
DESCRIPTION: LITTLE CAL STAGEV VI-PHASE 2		PR & C NO. -	
		CONTRACT AMOUNT	CONTRACT COMPLETION
C-S MGR: -	ORIGINAL: -	ORIGINAL: -	% COMPLETE SCH ACT
C-S QA REP: -	CURRENT: -	CURRENT: -	- -
C-C MGR: -	OBLIGATED: -	SUBSTANTIAL: -	
	EARNED: -	FINAL W/O D. -	
COMMENTS: Performed 100% BCOE. Meeting with A/E is being scheduled..			

CONTRACT NO: DACW27-02-D-0003		CONTRACTOR: K&S ENTERPRISES	
DESCRIPTION: INDIANA SHORELINE (MULTI-YEAR)		PR & C NO. %904245	
		CONTRACT AMOUNT	CONTRACT COMPLETION
C-S MGR: GARCES	BASE CONTRACT:	ORIGINAL:	% COMPLETE SCH ACT
C-S QA REP: LEE	ORIGINAL: \$ 763,169.00	ORIGINAL: 22 MAY 03	100 100
C-C MGR: -	CURRENT: \$ 763,169.00	CURRENT: 22 MAY 03	
	OBLIGATED: \$ 648,777.94	SUBSTANTIAL: -	
	EARNED: \$ 591,068.94	FINAL W/O D.: -	
	OPTION YR. 1:		
	ORIGINAL: \$ 577,680.60	ORIGINAL: 31 DEC 03	
	CURRENT: \$ 578,400.60	CURRENT: 31 DEC 03	
	OBLIGATED: \$ 587,900.00	SUBSTANTIAL: -	
	EARNED: \$ -	FINAL W/O D.: -	
	OPTION YR. 2:		
	ORIGINAL: \$2,322,730.00	31 DEC 04	
	CURRENT: \$ -	-	
	OBLIGATED: \$ -	-	
	EARNED: \$ -	-	
	OPTION YR. 3:		
	ORIGINAL: \$2,465,730.00	31 OCT 05	
	CURRENT: \$ -	-	
	OBLIGATED: \$ -	-	
	EARNED: \$ -	-	

COMMENTS:	
Sand placement for base contract completed as of 22 MAY 03. Completed variation in estimated quantities modification.	
Still waiting on As-Built drawings for base contract.	
Contractor is working with NPS to address issues related to damage to vegetation.	
Delivery Order #3 for 1 st Year Option period issued 7 AUG 03.	
Conducted Coordination Meeting on 19 AUG 03 for D.O. #3.	

CONTRACT NO: DACW27-01-C-0008			CONTRACTOR: OVERSTREET CONST. CO.		
DESCRIPTION: PUMP NORTH 5 TH AVE.			PR & C NO. 115055		
CONTRACT AMOUNT			CONTRACT COMPLETION		% COMPLETE
C-S MGR: ANDERSON	ORIGINAL: \$2,387,500.00	ORIGINAL: 17 MAR 03	SCH	ACT	
C-S QA REP: CRAIB	CURRENT: \$2,486,276.73	CURRENT: 04 JUN 03	100	84	
C-C MGR: TURNER	OBLIGATED: \$2,233,034.93	SUBSTANTIAL:			
	EARNED: \$2,079,924.74	FINAL W/O D.			
COMMENTS:					
Removal of old and installation of new electrical equipment is ongoing.					
New Pumps #4, 5, 6 are being stored on site awaiting installation.					
Old Pumps #4, 5, 6 and their motors have been removed.					
New mechanical trash rack was recently installed and commissioned.					
Awaiting PM-PM/TS-D responses to the following items: None at this time.					

CONTRACT NO: DACW23-02-C-0011			CONTRACTOR: RENEWABLE RESOURCES		
DESCRIPTION: MITIGATION			PR & C NO. %250858		
CONTRACT AMOUNT			CONTRACT COMPLETION		% COMPLETE
C-S MGR: GARCES	ORIGINAL: \$921,102.68	ORIGINAL: 11 JAN 04*	SCH	ACT	
C-S QA REP: KARWATKA	CURRENT: \$921,102.68	CURRENT: 11 JAN 04	10	10	
C-C MGR:	OBLIGATED: \$500,000.00	SUBSTANTIAL: -			
	EARNED: \$302,546.10	FINAL W/O D. -			
COMMENTS:					
Contractor is on-site and working on the following at Chase Street:					
Clearing & Grubbing is ongoing, installation of project and safety signs, drain tile trenching, plugging, backfilling is complete					
Grading north of ditch ongoing.					
At Black Oak – Removal of invasive trees and stockpiling for future burning is ongoing.					

Project Progress Update: 8-20-03**Pump Rehab 1A Contract C-0001 (Overstreet Electric Co.)**

Current contract completion date: December 1, 2003

Baring Ave Pump Station - 58%+- Complete.

1. The SWP-1 pump and motor installation is about complete. Commissioning is expected soon.
2. Concrete discharge box modification and trash rack access area work is about complete. New hatch covers have been installed.
3. Two standby pumps are installed and are ready for operation, by Hammond SD, if needed.
4. Demolition of old and installation of new electrical equipment has been put on hold. Sub-contractor is awaiting delivery of additional electrical equipment.

South Kennedy Ave Pump Station - 49%+- Complete.

1. Johnston pump #5 and it's motor was previously installed, but not commissioned due to electrical configuration difficulties associated with the MCC. Per conversation last month with Overstreet, pump #5 was to have been commissioned and pump #4 removed on June 9, 2003. It is still unknown when it will actually happen.
2. The new mechanical trash rack was previously set in place. Testing and Hammond employee training is complete. Hand railing and grating are expected to be installed soon.
3. Demolition of old and installation of new electrical equipment has been put on hold. Sub-contractor is awaiting delivery of additional electrical equipment.

Hohman/Munster Pump Station- 76%+- Complete.

1. DWP-2 re-startup/testing is expected soon. Commissioning will follow.
2. The existing wet well spiral stairway has been removed and a new ladder installed. However, the new ladder is the wrong length and will need to be removed. A proper length ladder will be installed after the rejected ladder is removed.
3. A new comminutor has been installed at this station. Commissioning is expected soon. Although, Overstreet has not acquired the flow sensor at this time.
4. Removal of old and installation of new HVAC equipment has been discontinued at this time.

Walnut Ave. Pump Station - 59%+- Complete.

1. Viking Engineering has previously removed and rebuilt three pumps (#1, #2, and #3). Viking is factory testing these pumps to ensure the specified performance criteria are achieved. The pumps are expected to be delivered, and installed, at this station soon.
2. Viking Engineering is on site refurbishing existing pump #1 - #3 discharge piping.
3. The new mechanical trash rack has been installed. Commissioning and station operator training is expected soon.
4. New concrete pump bases, for pumps #1 through #3, have been made. Although, they have not been set in place at this time. Installation of these bases is expected soon.
5. Removal of old and installation of new HVAC equipment is still discontinued at this time.
6. Removal of old and installation of new electrical equipment has been discontinued. Sub-contractor is awaiting delivery of additional electrical equipment.

North 5th Pump Station Rehab Contract C-0008 (Overstreet Engineering & Const.)
N.5th. Pump Station - 90%+- Complete. Current contract completion date: June 4, 2003.

1. Subcontractor Piping Technologies has previously removed various pumps & motors. New pumps and motors for #1, #2, #6, #7, #8, #9 and #10 have been installed and commissioned. Station operator training, for these types of pumps and motors, has been completed.
2. #3, #4, and #5 pumps and motors have been removed and existing concrete pump bases have been removed. The new pumps are currently being stored on site and should be installed after new concrete pump bases have been constructed.
3. The new mechanical trash rack has been installed, commissioned, and station operators have been trained on O&M requirements.
4. Concrete work in the inlet area of the south wet well was completed about three weeks ago.
5. Demolition of old and installation of new electrical equipment continues.
6. The new pump #1 through #5 seal water system has been installed and is operational. Station operators have been trained on its operation and maintenance requirements. A permanent gravity tank has yet to be installed.

SANITARY DISTRICT of HAMMOND

5143 COLUMBIA AVENUE
HAMMOND, INDIANA 46327-1794
TELEPHONE (219) 853-6412 - 13 - 14 - 88
FAX (219) 853-6321

Board of Sanitary Commissioners

ANTHONY ABILDUA
ROBERT L. ALLEN
STANLEY J. DOSTATNI
ALFRED J. KUHN
RUSSELL A. SNYDER



July 28, 2003

Mr. Imad Samara
Project Manager
U.S. Army Corps of Engineers, Chicago District
111 North Canal
Suite 600
Chicago, IL 60606

RE: Flooding Concerns at the Baring Avenue Pump Station
(Little Calumet River Flood Protection and Recreation Project)

Dear Mr. Samara:

The progress being made by the contractor on the Baring Avenue Pump Station is unacceptable. At the present time only one of the two original pumps at the Baring Avenue Pump Station is operational, leaving the station at reduced capacity. During July two storm events have occurred that resulted in repeated flooded basements for certain residents in Munster served by the station. IISD staff has noted little or no activity by the contractor during the recent past.

Citizens have requested the name of the contractor(s), who to call concerning their complaints, and a time-line for completion of the work.

We request that you provide this information to us and that the contractor restore the Baring Avenue Pump Station to its original pumping capacity immediately.

Respectfully submitted,

Michael T. Unger, Ph.D.
District Manager

MJU/plc

Cc: Mayor Duane W. Dedelow, Jr.
Tom DeGuilio, Town Manager—Munster
Board of Sanitary Commissioners, IISD



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

August 13, 2003

Programs, Planning and Project
Management Division

Michael T. Unger, Ph.D.
District Manager, Sanitary District of Hammond
5143 Columbia Avenue
Hammond, IN 46327-1794

Dear Dr. Unger:

Thank you for your letter dated July 28, 2003 regarding the flooding concerns at the Baring Avenue Pump Station. This letter will address the concerns raised in the letter and gives an update on the status of the construction work at the pump station.

The Baring Avenue Pump Station is a part of the Pump Station 1 A Construction Contract (Contract No. DACW27-01-C-0001), which made up of four pump stations that are being rehabilitated. The scope of work at Baring Avenue includes replacing and upgrading the two storm water pumps, the sump pump, all associated piping, heating and ventilation equipment, electrical distribution equipment, lighting systems, ladders, trash rack, and conducting various other pump station upgrades.

Key to your concerns, the rehabilitation work includes replacing the two existing 240- volt 50 horsepower motors, storm water pumps, and electrical systems with new equipment including pumps and 480-volt, 100 horsepower motors. The progress of the contractor is dictated by the contract. The contract states that no more than one pump or motor may be taken out of service at this pump station at any given time. This requirement was developed in consultation with Hammond Sanitary District (HSD). Thus, the Contractor is required to replace the pumps sequentially, one pump-at-a-time. Currently, one of the old storm water pumps is in service and the Contractor is in the process of installing the first of the new pumps.

As discussed above, the Contractor can only remove one pump from service at a time in order to maintain as much of the original pump station capacity as possible during rehabilitation. To maintain the capacity dictated by the contract the Contractor is required to install two 2,900-gpm transportable pumping units. The Contractor installed this additional pumping capacity at the Baring Avenue Pump Station in the fall of 2002, before work on the existing pumps began. Please note that the contract requirements were coordinated with HSD, per the contract and the request of HSD, the Contractor is not responsible for operating these transportable pumps. Rather, HSD requested that they would be responsible for operating the pumps as needed during storm events.

1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system. The study is divided into two main parts: a theoretical analysis and an experimental investigation. The theoretical analysis will focus on the development of a model that can predict the system's performance under different conditions. The experimental investigation will involve the design and execution of experiments to validate the model and to determine the range of conditions over which it is applicable.

The first part of the study, the theoretical analysis, will involve the development of a mathematical model of the system. This model will be based on the principles of physics and engineering, and will take into account the various factors that are known to affect the system's performance. The model will be used to predict the system's performance under different conditions, and will be compared with the results of the experimental investigation.

The second part of the study, the experimental investigation, will involve the design and execution of experiments to validate the model and to determine the range of conditions over which it is applicable. The experiments will be designed to measure the system's performance under a variety of conditions, and the results will be compared with the predictions of the model. The experiments will also be used to determine the range of conditions over which the model is applicable, and to identify any factors that are not accounted for in the model.

The results of the study will be presented in a series of papers, which will include the theoretical analysis, the experimental investigation, and a summary of the findings. The results will be discussed in detail, and the implications of the findings will be explored.

The study is a contribution to the understanding of the system, and will provide valuable information for the design and operation of similar systems. The results of the study will be made available to the public, and will be used to inform the design and operation of future systems.

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The Contractor is nearly complete with the installation of the first new storm water pump and is preparing for the installation of the second pump. The Contractor projects that the Baring Avenue pump rehabilitation work will be completed by the end of September 2003. The current Contract completion date of the entire construction is in December 2003.

If you have any questions or if you would like to discuss this matter further, please call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Imad Samara', with a long horizontal flourish extending to the right.

Imad Samara
Project Manager

CF: Dan Gardner, Little Calumet River
Basin Development Commission
Mayor Duane W. Dedelow, Jr.
Tom DeGuilio, Town Manager-Munster
Board OF Sanitary Commissioners, HSD

INDIANA UNIVERSITY
NORTHWEST



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

9 July 2003

DEPARTMENT OF
BIOLOGY

Dear Jim:

In this letter I will summarize how I believe the dike system and Little Calumet River area can be used to benefit wildlife, purify water, and provide education and pleasure for humans. I believe this will be compatible with intentions of the U. S. Army Corps of Engineers.

Rationale for Project

Why should we strive to have the dike system and surrounding lands/wetlands vegetated primarily with native plants as part of native ecosystems? There are at least four reasons.

First, let us acknowledge that northwest Indiana was once one of the majestic ecological areas in North America. The area lies at the junction of several major types of ecosystems: the tallgrass prairies and savannas to the west, the northern woods with boreal relicts to the north, and great deciduous forests to the east and south. Included are the unique dune ecosystems. The area featured a spectacular variety and abundance of wetlands. The area has incredible botanical diversity even though it has virtually no topographic relief. However, industrial, urban, and suburban activity has greatly altered this landscape.

There are numerous nature preserves that strive to capture this wonderful ecological heritage of ours. Most are very small and need dire attention. The Little Calumet dike system lies smack in the heart of this array of preserves. Furthermore, many acres of land are available for conversion to natural habitat and hence this area can enhance the value of these other preserves.

How can native habitat in the Little Calumet dike system enhance the ecology of our area? One way is if systems feature native plants, then they support native animals. We can have a much better developed natural food web of animals if we have at the base native plants! This includes birds, which are highly mobile and will seek out suitable habitat.

Another way is that once we have a sizeable collection of native habitats in the system, then we make shorter the distances among the entire network of preserves. For example, McCloskey Savanna, Liverpool Nature Preserve, Hobart Prairie Grove, and Cressmoor Prairie would be closer to the wetland mitigation bank and Indiana Dunes National Lakeshore because the Little Calumet area can be used as a stepping

3400 Broadway
Gary, Indiana
46408-1197

219-980-6724

stone for plants and wildlife. To the west and northwest, Hoosier Prairie, Oak Ridge Prairie, and Ivanhoe Dune and Swale become "closer" to the aforementioned preserves. Furthermore, the centrally located Little Calumet system can be the largest of the preserves (with the exception of the National Lakeshore). Being both central and large enhances its role in the regional network of preserves.

Third, native plants are very good at efficiently using nutrients. This not only helps the plants produce more biomass (and hence more food for wildlife), but also purifies water draining to the river. The more land and wetlands along the river in native habitat, the cleaner the river and the cleaner the water entering Lake Michigan.

Fourth, folks in northwest Indiana lead hectic, busy lives. A sizeable series of preserves along the Little Calumet can provide citizens with a psychosocial release from stress. Furthermore, school groups and civic groups of all sorts can work on the site, study its ecology, and take pride in their area. There is already the path system along the dike, so access to the site is not a major problem.

In sum, it is clear that land and wetlands in the Little Calumet River system can be incredibly useful for the ecology of our area, and as well for the enjoyment of our citizenry.

Summary of Project to Date

I have been working on about 10 acres of land outside the dike on the south side of the Little Calumet River between Harrison St. and Broadway. The soils in this area are variable in type and structure and have been trucked in at various times and worked in various ways. When the soil was trucked in, it brought with it an abundance of weed seeds, virtually all were of nonnative (originally Eurasian) weeds. The dike was seeded with a mix that was mostly nonnative. Hence, the site initially grew as primarily 10-20 plant species, most of which were aggressive nonnative weed species. To date, I have worked from the southwest corner of the dike to where the trail ends at Broadway.

I have made good progress. Now about 140 native plant species call the area home. Many are quite showy, especially from mid-July on into October. I don't like it, but some people find the plants so attractive that they come and dig them up, most recently two beautiful butterfly milkweed plants were taken from along Broadway. There still are considerable nonnative weeds, yet their abundance declines each year. It seems like every year I see more birds using the site and a greater variety and abundance of butterflies.

One way to hasten the demise of the nonnative weeds is to perform prescribed burns. I have obtained training to lead burns and intend to perform burns on the site in order to encourage the native plants and cut back on the nonnative weeds. I will train my crew and follow all procedures in obtaining permits and performing burns.

Future Expansion of Project Area

Given that much land along the dike system is of low value to other aspects of society, it seems reasonable to convert as many acres of land and wetland to quality natural areas. For example, the wetlands south and north of the Little Calumet River west of Broadway are of little

The first of these is the fact that the system is not in equilibrium. The second is that the system is not in a steady state. The third is that the system is not in a state of maximum entropy.

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use other than to wildlife and ecology education. It would be wise to improve those habitats. Egrets used to be common in them, but reed canary grass now is so dense they rarely visit.

Next, when I-80/94 is expanded to four lanes and the Broadway interchange to I-65 corridor is drastically modified, why not convert all those areas (Broadway interchange to I-65) to native prairie and wetlands?

Next, lots of land exists under NIPSCO power lines. This includes an area that parallels I-80/94 to the south and between Broadway and I-65 and the triangle of land between the network of interchanges between I-80/94 and I-65. Why not replace this scrubby vegetation with high quality natural area?

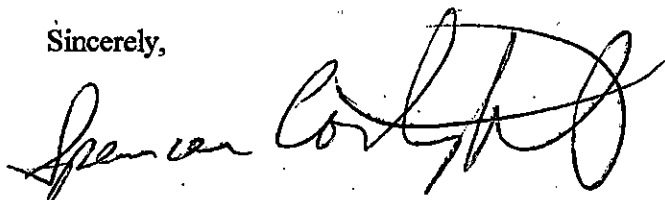
Next, let's consider the farmland northwest of the Interchange of I-80/94 and I-65. It is rented land, and the farmer may not rent forever. Why not engineer part of the site to hold water better and the rest be prairie and savanna? The wildlife drawn to that area in particular would be notable. Some of it will fly over the interstates and out-of-state travelers will get a notably nice view of those creatures plus the native area visible from the interstate. Their memory of northwest Indiana will be enhanced.

Taken together, these lands and wetlands could be a notable nature preserve that is both ecologically and educationally useful. They would demonstrate that we can take marginal lands and wetlands in an urban area and make something spectacular of them!

Summary

In this letter, I have covered three important items. One is a rationale for using land in the Little Calumet River dike system for a large, urban nature preserve. Two is a brief status of the 10 acre project by Indiana University Northwest, including a rationale for using prescribed fire. Three is a view on how certain lands could be used to construct a large, urban nature preserve. It is a huge dream, no doubt, and one that may take 40 years to play out. But efforts to make northwest Indiana a great place to live and be do take a lot of time and sweat. I feel this is one such worth project.

Sincerely,



Spencer Cortwright
Associate Professor of Biology

P.S. If you (Dan Gardner too) would like me to come in and talk about this more, I would be glad. I will be on vacation the week of 13 July and doing field work in southern Indiana the week of 21 July. Most of August I should be available to meet. I will do everything possible to meet with US Army Corps of Engineers or any other folks as well. As you can tell, I believe firmly in this dream, even though most of it is a long way off.



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

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

August 26, 2003

EMERSON DELANEY, Vice Chairman
Governor's Appointment

CURTIS VOSTI, Treasurer
Governor's Appointment

ROBERT MARSZALEK, Secretary
Governor's Appointment

GEORGE CARLSON
*Mayor of Hammond's
Appointment*

STEVE DAVIS
*Dept. of Natural Resources'
Appointment*

ROBERT HUFFMAN
Governor's Appointment

MARK LOPEZ
*Lake County Commissioners'
Appointment*

JOHN MROCZKOWSKI
Governor's Appointment

DR. MARK RESHKIN
Governor's Appointment

CHARLIE RAY
*Porter County Commissioners'
Appointment*

DAN GARDNER
Executive Director

LOU CASALE
Attorney

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

Dear Imad:

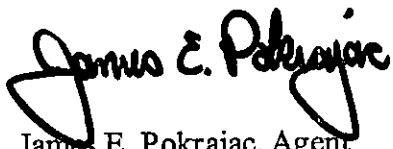
I received a letter from Spencer Cortwright, Associate Professor of Biology at Indiana University Northwest, on July 9, 2003. He expresses a number of concerns and ideas regarding landscaping, wetlands, plantings, and the ecology of northwest Indiana. He has been doing plantings of native grasses on the south face of the levee, directly north of Indiana University for the past several years with an increasingly improved vegetation of native grasses. He has discussed with me the possibility of doing controlled burns in this and in other areas of northwest Indiana. Will you please check with Greg Moore to see if we may consider allowing Mr. Cortwright the opportunity to do any controlled burns on any of our levee segments in the east reach. I feel the timing of this is good because we are currently in the process of reviewing the Landscaping Phase 2 project which has mentioned the use of controlled burns in the east reach for completed levee segments. Obviously, some coordination will be required; and I would like to know ahead of time if the COE might consider using someone else to do these burns, and if so, we could eliminate those from our scope of work for Landscaping Phase 2.

In this letter, Professor Cortwright also expressed thoughts on developing native habitats along the levee system in the east reach. Is there any interest by the COE in taking advantage of Professor Cortwright's knowledge and experience with native species in northwest Indiana? He has verbally expressed to me that he knows which species are easy or difficult to maintain in this area (This may be helpful in completing our final design for what we propose for our upcoming Landscaping Phase 2).

Mr. Imad Samara
August 26, 2003
Page 2

Will you please follow up on these items and contact me in order that we may proceed with any items you feel we may want to incorporate in our Landscaping Phase 2 project.

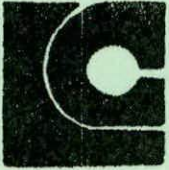
Sincerely,

A handwritten signature in black ink that reads "James E. Pokrajac". The signature is stylized with a large, looping initial 'J' and a cursive 'P'.

James E. Pokrajac, Agent
Land Management/ Engineering

/ sjm
encl.

cc: Spencer Cortwright
Greg Moore, ACOE
Arlene Colvin, LCRBDC
Mark Reshkin, LCRBDC



WORK STUDY SESSION
3 September 2003

ENVIRONMENTAL COMMITTEE
Dr. Mark Reshkin, Chairperson

- 1.) Trust for Public Lands has sent its appraisal for the 173 acre parcel in the Hobart Marsh to the Army Corps Reviewer. If approved (and indications are positive) TPL will exercise the option and close on the property before the end of September.
- 2.) The cover letter from TPL to the Army Corps is attached.
- 3.) Any further report on our LEL agreements?



Conserving Land
for People

August 28, 2003

Mr. Chris Borton
U.S. Army Corps
of Engineers
502 Eighth Street
Huntington, WV 25701

RE: Hobart Marsh – Bailey parcels

Dear Mr. Borton:

Please find enclosed the final appraisal report from Integra Realty Resources for approximately 173 acres of land owned by the Bailey family in Hobart, Indiana, in the Hobart Marsh wetland mitigation area.

Please let me know if you need any additional information to prepare your report for crediting purposes.

Sincerely,

Christine K. Slattery
Director, Chicago Office

cc. Imad Samara, US ACOE – Chicago District
Dan Gardner, Little Calumet River Basin Dev't Com'n
Judy Vamos, Little Calumet River Basin Dev't Com'n

The Trust for Public Land
Chicago Office
53 W. Jackson Boulevard
Suite 632
Chicago, IL 60604

(312) 427-1979
Fax (312) 408-1733
www.tpl.org

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC

DATE: Sept. 3, 2003

LOCATION: 6100 Southport, Portage IN

CHAIRMAN: Arlene Colvin

PLEASE SIGN IN

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	Phil Gratik	RW Armstrong
2	Don Ewoldt	LAKE ERIE LAND
3	JIM FLORA	R.W. ARMSTRONG
4	JONARY CRARY	DNR
5	Sandy O'Brien	Hobart
6	Kelsee Waggoner	Visclosky
7	Otto Lyles	GSD / GSWD
8	Spike Peller	GSD / GSWD
9	Steve Enger	
10	Mad Samara	
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REPLY TO
ATTENTION OF

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

21 August 2003

Planning Branch

Mr. Curt Vosti
Commissioner
Little Calumet River Basin Development Commission
6100 Southport Road
Portage, IN 46368

RE: Response to a 9 July 2003 letter from LCRBDC Executive Director Dan Gardner, received 1 August 2003, forwarding your request for information on the suitability for mitigation of the Hammond Oxbow Park property.

Dear Mr. Vosti,

First, before I get started, let me explain my late response. Although your letter to me is dated 9 July, for some reason I did not receive it until late in the day on Friday, 1 August. It has been six years since I have seen Hammond Oxbow Park, so I needed to schedule a field trip there to prepare an answer for you, and couldn't fit it into my schedule until the following Friday, 8 August. I know that this is after your 6 August Commissioners meeting, the date by which you probably would have preferred to receive my response, so I hope this causes you no great inconvenience.

As you know, we have based our mitigation area selection decisions on three basic criteria: 1) the nature and quality of the existing vegetation, and the suitability of the 2) soils and 3) hydrology to support the necessary mitigation.

Starting with existing vegetation, the wooded areas of Oxbow Park are comprised of weedy native and exotic species having no resemblance to a true or genuine native plant community, but instead represent a default assemblage of plants that have moved in following significant disturbance. As you can see from the attached Floristic Quality Index, dominant trees include silver maple, ash, mulberry, cottonwood and willow.

Most of the higher, shadier portions of the understory have been heavily invaded by garlic mustard (*Alliaria petiolata*), particularly on the west end near the developed picnic area. Virginia wild rye (*Elymus virginicus*) occurs sporadically in these higher portions, though garlic mustard is quickly overtaking these areas as well. The dominant herbaceous species in the lower, wetter and less shaded parts of the woods is reed canary grass (*Phalaris arundinacea*). These wetter areas, which comprise at least 90% of the site (Figure 1), were flooded to about two to three feet at the time of my visit on 8 August 2003.

Some native wetland herbaceous plants are present, but they are threatened by the uncontrolled invasion of reed canary grass, common reed (*Phragmites australis*) and cattail (*Typha x glauca*). These three species are the dominant herbaceous plants in the open areas and in the shrub wetland, although there are also patches of bur reed (*Sparganium eurycarpum*) associated with them. The shrub wetland also has various willows, blue-fruited dogwood (*Cornus obliqua*) and floodplain sapling trees.

Once a site has been degraded sufficiently to register a Floristic Quality Index (FQI) of less than 35, or a Mean Coefficient of Conservatism (Mean C) value of 3.0, there is little evidence that modern management techniques can increase it more than a few tenths of a point, and then not without assiduous and unrelenting effort (Swink and Wilhelm 1994). The FQI of 28 at Hammond Oxbow Park is substantially lower than 35, which means that the area does not approach the quality of even the most degraded type of natural area. The native mean C value is only 3.0, also indicative of both low quality and low restoration potential.

Also, of the native species appearing in the attached FQI, several have either been planted in developed areas of the park (e.g. *Andropogon gerardi*, *Echinacea purpurea*, *Ratibida pinnata*) or are represented by single individuals (e.g. *Crataegus mollis*, *Helenium autumnale*, *Panicum virgatum*).

Such a grouping of plants never comprised a legitimate presettlement plant community and cannot be considered to have natural area quality. Having no native plant community value or character then, the Oxbow Park area cannot be considered for enhancement. Other areas that are under consideration for enhancement for this project have suffered impacts but still retain native character. There are still oaks in the canopy and there are still noteworthy understory elements present. We can improve these areas by eliminating invasives, burning and perhaps by overseeding with appropriate native species.

Since enhancement is not an option, Oxbow Park would have to be a total restoration, with a complete removal and replacement of existing vegetation. This would entail great cost and great risk of failure. Most of the weeds present here are aggressive and are prolific seeders. Even if they could be eliminated through herbiciding, they would still come back from seed already deposited in the seed bank. The only way to eliminate them would be through excavation and replacement of the soil. But this great effort and expense would still be no guarantee of success. Weed seed would still be continually deposited by silty flood water from the Little Calumet River and from seed rain from nearby sources.

Present conditions at Oxbow Park indicate how difficult it would be to restore this site and the degree of effort that future stewardship would require. Even the small, formally landscaped areas near the picnic grounds are neglected and rampant with weeds such as sow thistles (*Sonchus uliginosus*), field thistle (*Cirsium arvense*), common reed (*Phragmites australis*), English plantain (*Plantago lanceolata*), garlic mustard (*Alliaria petiolata*), bull thistle (*Cirsium vulgare*), red clover (*Trifolium pratense*), creeping Charlie (*Glechoma hederacea*) and seaside goldenrod (*Solidago sempervirens*). Ironically, right behind a sign advertising a "summertime flowers mix of black-eyed susan, phlox, yarrow and fire pink" is nothing but field thistle (*Cirsium arvense*), motherwort (*Leonurus cardiaca*), reed canary grass (*Phalarus arundinacea*) and boxelder (*Acer negundo*) saplings and trees. This shows that invasive exotic plant species will continue to dominate in the long run.

The soil of Hammond Oxbow Park is comprised entirely of Pewamo silty clay loam, calcareous variant (Pe) soil type (USDA 1972). This soil type is similar to the Warners silt loam (We) soil type found at the Clay Street property east of the flood control project area and the Marl Bed (Mb) soil between Clark Road and Chase Street south of the river north of the Chase Street Wetland mitigation site, areas eliminated from consideration for mitigation. All of these soil types are alkaline in the upper horizons and will not support oak growth. The oaks require soil types that have acid to neutral pH in their upper horizons. With few exceptions, oaks are not found growing on alkaline soil types. This is certainly true in the vicinity of Oxbow Park, where oaks don't show up until farther from the river where the soil type changes to Maumee and Watseka loamy fine sands. In fact, an oak that had been planted at the north side of Oxbow Park is already dead or dying.

Finally, the hydrology of the park is not appropriate to sustain a forested wetland community of sufficient quality to satisfy mitigation requirements. A previous examination of the two year project area floodplain boundary showed that plant species diversity and habitat potential noticeably improve as flood frequency decreases with increasing topography above the two year elevation. Our objective, then, is to implement the mitigation in those areas that are above the two year flood frequency and which, consequently, can support a wider range of native plant diversity. It is in these types of areas where mitigation will be most likely to succeed. Conditions below the two year flood frequency are likely to default to cattail, giant reed, silver maple, black willow or cottonwood whether restoration efforts are expended there or not.

Also, once flood control project levee Stage VI-N is completed here, Hammond Oxbow Park will be an overflow area for Little Calumet River flood events (Plate 1). Once overtopped, the area would remain flooded for a period of weeks with warm, sediment laden, polluted water. Even though this overflow section is expected to overtop only rarely, the mitigation is intended to persist in perpetuity. One overtopping event would be sufficient to eliminate any trees planted there for mitigation, assuming that the types of trees required for mitigation could survive there in the first place.

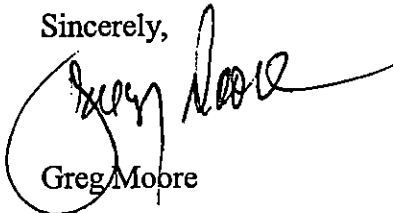
The fact that Hammond Oxbow Park is not suitable for flood control project mitigation does not mean that it is not valuable for other purposes. It provides a wonderful place in the middle of a highly urbanized area where people can walk through green space, fish and view wildlife. Even botanically degraded land is habitat for some species, so these disturbed wet woodlands, shrub wetlands and cattail/*Phragmites*/reed-canary grass wetlands are worth something as habitat for birds, insects and amphibians. Most of the park seems to have standing water up to several inches deep most of the time though, as I said earlier, it was quite a bit higher during my visit.

The boardwalk goes through some clear, standing water where bur reed (*Sparganium eurycarpum*), cut-leaved rice grass (*Oryzopsis asperifolia*) and some arrowhead (*Sagittaria latifolia*) and tall water parsnip (*Sium suave*) are present. The boardwalk also goes through some small, more open patches of saturated soil with fowl manna grass (*Glyceria striata*), marsh hedge nettle (*Stachys tenuifolia hispida*) and the sedges *Carex lupulina*, *Carex cristatella*. There are also a few large plants of turtlehead (*Chelone glabra*).

During my visit I saw cardinals, robins, red-winged blackbirds, a great blue heron, a red fox and fresh deer tracks; and your excellent boardwalk makes these resources available to everyone.

Thank you, Curt, for your interest in the Little Calumet River mitigation project and for giving me the opportunity to address your questions. I also appreciate your taking the time to meet with me at Oxbow Park during my visit there. Please call me at 312/846-5586 or e-mail me at gregory.moore @lrc02.usace.army.mil if you have any other questions.

Sincerely,



Greg Moore

ATTACHMENTS: 9 July 2003 letter from Dan Gardner to Greg Moore
Hammond Oxbow Park Floristic Quality Index (FQI)
Aerial Photo of Hammond Oxbow Park with Topography

COPIES FURNISHED: John Bacone, IN-DNR
Sean Fahey, IN-DNR
Dan Gardner, LCRBDC
Bill Maudlin, IN-DNR
Imad Samara, USACE
Kelsey Waggoner, Congressman Visclosky's Office

PROPOSED PRIORITIES FOR USE OF 2001-03 STATE BUDGET DOLLARS

15 MONTH SCHEDULE (May, 2002 thru August, 2003)

Revised: August 6, 2003

\$1,761,439	Cash to draw upon currently available from the \$3 million State Budget funds
<u>- 400,000</u>	Administration costs (Jim Pokrajac, Judy Vamos, Lorraine Kray, Sandy Mordus, Lou Casale, Jim Flora) <u>Expended to date \$414,799</u>
\$1,361,439	
<u>- 266,000</u>	COE escrow payment due October, 2002 (7% Cash contribution) <u>Expended to date \$266,000</u>
\$1,095,439	
<u>- 250,000</u>	Estimate for mitigation costs (Figure ½ of \$500,000 earlier committed. Needed for "good faith effort") <u>Expended to date \$26,654</u>
\$ 845,439	
<u>- 25,000</u>	Burr Street acquisition committed. Offers in process. <u>Expended to date \$4,586</u>
\$ 820,439	
<u>- 700,000</u>	Kennedy Industrial Park property acquisition (VI-1)(20 parcels) <u>Expended to date \$140,750</u>
\$ 120,439	
<u>- 75,000</u>	Utility relocation engineering money (VI-1 & VI-2) – (approx. 45 relocates) <u>Expended to date \$19,907</u>
\$ 45,439	
<u>- 45,439</u>	Estimate of ongoing title work costs for crediting purposes <u>Expended to date \$128,047</u>
-0-	Creditable Items expended <u>Expended to date \$114,496 + \$106,000 (COE escrow add'l payment)</u> not included in original budget

Total expenditures to date as of August 6, 2003 \$1,221,239

Remaining monies available for drawdown as of August 6, 2003 \$558,947

\$ 498,544 - 60,403

LAND ACQUISITION REPORT
For meeting on Wednesday, September 36, 2003
(Information in this report is from July 30 – August 27, 2003)

STATUS (Stage III) – Chase to Grant:

1. Several landowners in the same area have asked to have their acquisitions completed. Even though these acquisitions are on hold, the land value on these small lots is low. An appraisal has been completed and mailed to the COE for review. To finish these acquisitions will not impact budget/funding issues.
2. **We received the appraisal approval on 8/11/03. Title work updates will be ordered. Offers will be sent after title work is reviewed for new liens or judgments.**

1-3

STATUS (Stage III) – REMEDIATION

Pumping west of Grant Street

1. Status of Right-of-Entry:
 - ROE was signed by the LCRBDC on April 4th, 2002.
 - Contract awarded – Construction started February, 2003.

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

1. Construction on the WIND Radio station property has been completed using a right-to-construct. We still need a permanent easement on the property to perform O&M.
2. Tim Harris of Professional Appraisal Services is completing the new appraisal.
3. **Mr. Harris will complete two (2) railroad easements, DC593 and DC602, when we receive an approval from the COE that legal drawings are correct.**

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

1. Stage V-2 is (2) segments as follows:
 - Stage V-2A (Kennedy to Indianapolis Blvd.)
 - Stage V-2B (Indianapolis Blvd. to Northcote)
2. A revised schedule for budgeting appropriations proposes land acquisition for Stage V-2 to begin in April 2004, with a tentative construction start in October 2005.

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

1. Construction is currently projected to start in the summer of 2006.
2. Woodmar Country Club acquisition is "on hold".

STATUS (Stage VI-Phase 1) – Cline to Kennedy – North of the river, and Kennedy to Liabe – South of the River:

1. Owners of the old Burger King (3850 – 179th Street LLC) met with us and rejected our fee offer. They may settle for an easement on their property. COE will provide new drawings. The adjacent INDOT tract must now be used for an access roadway.
2. A field meeting was held with INDOT, LCRBDC, and the COE on August 7 to review project impacts to INDOT parcel (DC-100C), and 3850 – 179th Street LLC (DC-1010D) to discuss the roadway access to the levee construction area.

4

3. The uniform land offer was mailed on May 13th, 2003, to Krosan Development. The 25 day accept or reject period has expired and owners have rejected the offer. **Condemnation was filed on 8/21/03.**
4. LCRBDC sent 5 copies of a flood protection levee permit to INDOT on July 11, 2003, for lands adjacent to the west right-of-way of Cline Ave. **No response as yet.**
5. **DC-1022 ownership is now resolved. Appraiser will now remove DC-1022 from Hammond Park Dept. appraisal and include in a private landowner's appraisal.**

5-6

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

1. Staff had a meeting on 6/11/03 to review VI-2 Acquisitions. There are preliminarily 12 acquisitions in VI-2. Surveys have been ordered to start acquisition procedure. **Title work is now being ordered to establish correct ownership.**
2. **Two (2) appraisers will begin appraisals the second week of September. Starting ASAP is necessary to meet a spring of 2004 acquisition deadline.**

STATUS (Stage VII) – Northcote to Columbia:

1. COE Division Headquarters is still reviewing our request for bike trails on top of levee to be easements instead of fee takes from landowners. Letter was sent 2/19/03.

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

1. The COE has put Stage VIII on hold.

STATUS (Betterment Levee – Phase 2) Colfax to Burr Street, then North N.S. RR, then East (North of RR R/W) ½ between Burr and Clark, back over the RR, then South approx. 1,400 feet:

1. A letter was written to the COE on August 19 requesting their review, and approval, of previously completed legal descriptions of the (2) NSRR easements.
 - Upon approval, appraisals and the easement agreement process will begin.
2. With Burr Street Betterment levee funding now committed, acquisition of remaining tracts can begin anew. Eight tracts remain, but only 6 landowners.

7

8

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

1. Clean-up acquisition continues for those offers already sent. Properties available on tax sales are being purchased. No new offers have been sent since 4/18/02.

9

IN-PROJECT MITIGATION:

1. Acquisition on in-project mitigation is complete. Construction started March, 2003 and we anticipate completion by November, 2003.
 - Renewable Resources is the contractor.

CREDITING:

1. At Real Estate meeting on August 18, 2003, COE reported that a new tracking program is being established. We are currently excluded. COE realty specialist will ask if we can be included and access the data base.
2. Properties acquired before the LCA signing date of 9/26/90 must be appraised to a 9/26/90 land value. COE reviewer is requiring hydrology information and in a conference call on 8/26/03, agreed to accept arials showing water on lands as long as appraiser provides explanations.

U. S. ARMY CORPS OF ENGINEERS
HUNTINGTON DISTRICT
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701

APPRAISAL REVIEW:

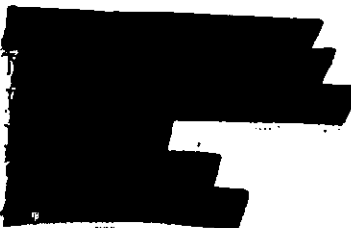
PROJECT: Little Calumet River, Indiana
Flood Control and Recreation Project

TRACT NUMBERS: DC 209, 210, 211, 212, 213, 213-A

LOCATION: Eight separate parcels located in the NW ¼ of Section 20,
Township 36 North, Range 8 West, in the Tolleston Club
First Addition of Gary, Indiana

OWNERS:

DC 209;
DC 210;
DC 211;
DC 212;
DC 213;
DC 213-



ESTATE(S) APPRAISED: Fee simple, subject to conditions of record, before and after
the impressment of a perpetual flowage easement

APPRAISAL PURPOSE: Land acquisition for project use

PROPERTY APPRAISED: DC 209; a parcel of vacant land (0.501 acres)
DC 210; a parcel of vacant land (0.517 acres)
DC 211; a parcel of vacant land (0.517 acres)
DC 212; a parcel of vacant land (0.504 acres)
DC 213; two parcels of vacant land (0.818 acres total)
DC 213-A; two parcels of vacant land (0.693 acres total)

HIGHEST & BEST USE: Assemblage for agricultural use

VALUATION DATE: 2 January 2003

REPORT DATE: 1 May 2003

ESTIMATED VALUES: DC 209; \$880
DC 210; \$590
DC 211; \$590
DC 212; \$880
DC 213; \$930
DC 213-A; \$920

*Appraisal
Approval
received
8/11/03
Jm.*

*Not for
distribution
Confidentiality*

APPRAISER: Janet O'Toole, MAI
Janet O'Toole & Associates

REVIEWER: Christopher D. Borton, MSA
Chief Appraiser
Huntington District, USACE

REVIEW CLIENT/USER: Chicago District, USACE

INTENDED USE: Confirmation of the appraisal, quality control and assurance

DATE OF REVIEW: 31 July 2003

PURPOSE AND SCOPE OF REVIEW:

The purpose of this review is to ensure the data and analyses developed and reported in the appraisal process substantiate the estimated value and that compliance with the applicable governing regulations and standards is met. Adherence to the current editions of the Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA) and the Uniform Standards of Professional Appraisal Practice (USPAP) are of special significance.

I have not inspected the subject property area in detail, but have familiarized myself with the subject area. I have not confirmed any sale data and other supporting information with either the buyer or seller, or other knowledgeable party. The undersigned appraiser has performed a desk review.

GENERAL COMMENTS:

The report is a complete, summary appraisal report. While it is recognized the subject market area is stagnant and there are not an abundance of sales, the utilization of comparables #1, #2 and #3 is inappropriate given their physical nature and ultimately, their highest and best use. Comparable #1 is an existing or current home site and will likely be utilized as such (now or when demand is sufficient). Comparable's #2 and #3 do not require assemblage for agricultural use such as the subject properties. That being said, these are extremely low value properties which federal agencies typically do not appraise (unless requested by the property owner) as the cost to do so exceeds the value of the property itself. Alternative means of valuation are employed which are more cost effective and still allow fair and reasonable compensation to the property owner.

In this instance, the appraiser's concluded values are similar to compensation amounts provided to other property owners in the Little Calumet project area and other projects within the Chicago District (\$500 - \$750 per ownership) with similarly low values. Comparables #4 and #5 are considered to be more indicative of the subject's value and were given weight in the appraiser's reconciled values. While discussions with the contract appraiser could likely result in changes to the first three comparables selected, ultimately the values would be no higher than those concluded and any existing "windfall" to the property owners at the expense of the government which might be

negated by further administration of the issues would quickly be lost in the cost of the additional administration. Based on the merits of sales #4 and #5 and prior market analysis of which the review appraiser is aware, the appraised values are accepted and considered sufficient for the client's purposes.

SUMMARY:

The identified appraisal report, effective date 2 January 2003, is approved for just compensation in the amounts of \$880 (DC 209), \$590 (DC 210), \$590 (DC 211), \$880 (DC 212), \$930 (DC 213) and \$920 (DC 213-A) as indicated in the Letter of Transmittal. No further action or comment is required.

REVIEWER'S CERTIFICATION:

This review is based on the same assumptions and limiting conditions as set out in the appraisal.

I certify that, to the best of my knowledge and belief:

- the facts and data reported by the review appraiser and used in the review process are true and correct.
- the analysis, opinions, and conclusions in this review are limited only by the assumptions and limiting conditions stated in this review report, and are my personal, unbiased professional analysis, opinions, and conclusions.
- I have no present or prospective interest in the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.
- I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.
- my engagement in this assignment was not contingent upon developing or reporting predetermined results.
- my compensation is not contingent on an action or event resulting from the analysis, opinions, or conclusions in, or the use of, this review.
- my analysis, opinions, and conclusions were developed, and this review was prepared, in conformity with the Uniform Standards of Professional Appraisal Practice.
- I have not made a field review of the property that is the subject of this appraisal. This is considered a desk review.
- no one provided significant professional assistance to the person signing this report.



Christopher D. Borton, MSA
Review Appraiser
Washington General Certification
Certification No. 1100619

31 July 2003

Sandy Mordus

From: "Sandy Mordus" <smordus@nirpc.org>
To: "Louis M. Casale" <lcasale@cwblawfirm.com>
Cc: "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>; "Judy Vamos" <jvamos@nirpc.org>
Sent: Monday, August 11, 2003 1:45 PM
Attach: INDOT.doc
Subject: INDOT and 3850 - 179th LLC

TO: Lou Casale, Attorney-at-Law
FROM: James Pokrajac, Agent, Land Management/Engineering
SUBJECT: INDOT (DC1010-C) and 3850 - 179th LLC (DC1010-D)
DATE: August 11, 2003

On Thursday August 7th, Judy Vamos, Imad Samara and I met in the field with Tom Konieczny from INDOT to discuss the upcoming easement that we will be requiring adjacent to the INDOT lab located in the Kenne Industrial Park area as part of Stage VI Phase 1 acquisition. We indicated INDOT that the COE request for real estate will require approximately 22' along the west portion of their property. We also discussed with Imad the necessity of extending that 22' easement southward to our permanent levee easement area along the westward portion of the 3850 - 179th LLC property (formerly the Gerodemos property).

I have currently ordered the surveys to be modified accordingly for both the INDOT parcel and the 3850 - 179th LLC property and will give these modified legals to Judy to get the appraisals.

If you have any questions regarding either of these modifications, please contact either myself or Judy.

/sjm
cc: Imad Samara
Judy Vamos



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

ARLENE COLVIN, Chairperson
Mayor of Gary's
Appointment

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Governor's Appointment

CURTIS VOSTI, Treasurer
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ROBERT MARSZALEK, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor of Hammond's
Appointment

STEVE DAVIS
Dept. of Natural Resources
Appointment

ROBERT HUFFMAN
Governor's Appointment

MARK LOPEZ
Lake County Commissioners'
Appointment

JOHN MROCZKOWSKI
Governor's Appointment

DR. MARK RESHKIN
Governor's Appointment

CHARLIE RAY
Porter County Commissioners'
Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

20 August 2003

Mr. Dale Kleszynski, MAI, President
Associated Property Counselors, Ltd.
3027 Ridge Road
Lansing, IL 60438

Dear Dale,

RE: New instructions on appraisal revisions for DC 1019 thru 1022
New instructions on appraisal 1023/1024

You completed an appraisal on 4/19/03 on DC numbers 1019 thru 1022. We thought the owners were the Hammond Park Department (Portions of Oxbow Park), however, we have found a discrepancy in the tract ownership. Please review the following information and submit revisions for Corps review. New drawings are attached. I have been in touch with Reviewer Chris Borton and the following are his suggestions:

- 1.) DC 1022 (3.69 acres) is not owned by the Hammond Park Department. It is owned by DC 1023/1024 Oak Brook Metro. Please remove 1022 from 1019 thru 1022 and add it to 1023/1024. The numbers for the before and after narrative appraisal on Oak Brook Metro are:

DC 1023 Parcel 1 (1.727 acres - temp .049 acres - levee .224 acres)
DC 1024 Parcel 2 (7.596 acres - temp .184 acres - levee 3.217 acres)
DC 1022 Parcel 3 (3.69 acres - temp .06 acres - levee 1.59 acres)

- 2.) The appraisal for the Hammond Park Department DC 1019 thru 1022 that you completed on 19 April with DC 1022 included is now reduced. It is now DC 1019 thru 1021.

Please complete an appraisal supplement addressing that tract DC 1022 of 3.69 acres has been removed from the original 1019 thru 1022.

Please re-number the appraisal DC 1019 thru 1021. Please note also that the new drawing dated 8/20/03 has new measurements. When the temporary work area easement is removed the flowage easement still remains on the land. Please re-calculate the flowage easement from the original 9.140 acres to the new 9.38 acres. (Compare the original drawing with the new drawing.)

*Letter to
Dale about
appraisal
revisions*

Dale Kleszynski
25 August 2003
page 2

I hope the directions are clear and ask that you call me when you receive this letter for further explanation. I send my thanks for your patience while the new drawings were being completed. Thanks, again.

Respectfully,

A handwritten signature in cursive script that reads "Judy Vamos".

Judith (Judy) Vamos
Land Acquisition Agent

Enclosures:



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

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Governor's Appointment

DR. MARK RESHKIN
Governor's Appointment

CHARLIE RAY
*Porter County Commissioners'
Appointment*

DAN GARDNER
Executive Director

LOU CASALE
Attorney

August 19, 2003

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

Dear Imad:

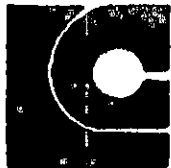
As per our Real Estate meeting of August 18, we are beginning our coordination to get easements with the Norfolk Southern Railway. Two (2) easements will be required with the Norfolk Southern - 1 is located directly west of Burr Street and the other is east of Burr, west of Clark where our tieback levee crosses their railroad from north to south. These will be required for the Burr Street II betterment levee. I have enclosed a copy of the legal descriptions and drawings that were completed by DLZ on June 23, 2001. These legals were based upon your most recent real estate drawings and I would like you to confirm that we may use these legal descriptions and drawings. Upon receipt of your confirmation, I will then request Judy Vamos to proceed with the appraisals and then have Lou Casale proceed with the necessary agreements. If you have any questions regarding this request, please contact me.

Sincerely,

James E. Pokrajac, Agent
Land Management/Engineering

/sjm
encl.
cc:

Lou Casale
Judy Vamos



Little Calumet River Basin Development Commission

MEMO

TO: Dan Gardner, Executive Director
FROM: Judy Vamos, Land Acquisition *JV*
DATE: 26 August 2003
SUBJ: Burr Street Acquisitions Remaining

As you requested on 26 August 2003 I have researched the remaining acquisitions in the Burr Street Betterment Levee. The following is information on those tracts. The offers made were for easement acquisitions only. Please contact me for further explanations. Thank you.

<u>DC Number</u>	<u>Legal Description</u>	<u>Offer/Date</u>	<u>Comments</u>
DC 69 DC 584	Pt. Sec. 24, T 36, R9 E1/2 W1/2 SE SE S24, T36, R9	\$38,500/6-29-01 (One offer both properties)	Contested ownership Contested ownership Attorney working on details
DC 69-A	E of Burr/ S of N&S RR	\$30,000/6-29-01	Owner requests new appraisal for landlocked area.
DC 574	Pt. SW NW Lot 5, S24,T36,R9	no offer	Property on tax sale
DC 582 DC 583	Pt. E1/2 E1/2 S of RR Pt. E1/2 E1/2 S of RR	\$8,600/6-15-01 (one offer both properties)	Both properties in bankruptcy Court order received authorizing sale.
DC 598/598-A	Railroad easements	no offer	Need appraisal



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Mayor of Gary's
Appointment

25 August 2003

EMERSON DELANEY, Vice Chairman
Governor's Appointment

ATT: Rosa

CURTIS VOSTI, Treasurer
Governor's Appointment

Lake County Tax Sale Department
2293 North Main Street
Crown Point, IN 46307

ROBERT MARSZALEK, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor of Hammond's
Appointment

RE: Properties on a tax sale
FAX Delivered: 219-755-3067

STEVE DAVIS
Dept. of Natural Resources
Appointment

The Little Calumet River Basin Development Commission would like to acquire certain lots for the Little Calumet River Flood Control and Recreation Project. I understand we may purchase these directly from the Tax Sale Department.

ROBERT HUFFMAN
Governor's Appointment

Would you please check your records and inform me which of the following properties are available in the Commissioners name? Please write yes or no and fax this letter back to me at 219-762-1653. I will begin the purchasing process immediately after I hear from you.

MARK LOPEZ
Lake County Commissioners'
Appointment

JOHN MROCZKOWSKI
Governor's Appointment

DR. MARK RESHKIN
Governor's Appointment

YES / NO

CHARLIE RAY
Porter County Commissioners'
Appointment

49-40-32 (our records indicate owner was [REDACTED])

42-297-59 (our records indicate owner is [REDACTED])

42-298-10 (our records indicate owners are [REDACTED])

42-298-16 (our records indicate owner is [REDACTED])

42-299-02 (our records indicate owner is [REDACTED])

40-61-1 (our records indicate owner is [REDACTED])

40-61-2 (our records indicate owner is [REDACTED])

40-61-3 (our records indicate owner is [REDACTED])

46-452-53 (our records indicate owner is [REDACTED])

46-545-71 & 72 (our records indicate owner is [REDACTED])

46-547-13 thru 17 (our records indicate owner is [REDACTED])

46-455-14 & 15 (our records indicate owner is [REDACTED])

46-458-10 & 11 (our records indicate owner is [REDACTED])

DAN GARDNER
Executive Director

LOU CASALE
Attorney

Please call me if you have questions about this letter. Thank you for your help.

Respectfully,

Judith (Judy) Vamos, Land Acquisition Agent
Little Calumet River Basin Development Commission