

Little Calumet River Basin Development Commission

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Portage, Indiana 46368

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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

MEETING NOTICE

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

EXECUTIVE SESSION - 4:00 P.M.

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 November 5, 2003
5. Chairperson's Report
 - Report regarding Commission Executive Session
6. Executive Director's Report
 - Report on 11-7 FEMA/COE meeting regarding Gary floodplain designation
 - Report on Engineering Policy/Cost Containment meeting on 11-19
 - Report on field investigation on 11-20 by COE/IDEM on hydric soil request
- Outstanding Issues
 - COE update regarding Gary road closures during flood events, investigation of settlement gauges, and segment removal from floodplain
 - Report to Commission regarding Mr. Askew's request for barn rental

*Per Arlene
in Jan.*

*minutes
done
today!*

1-4

*Make EIS report
for next mtg.*

*Charlie R.
SS# 268-54-5064
Mark L.
SS# 341-64-7054*

*WPC mtg.
2:00
CU & AC
at Brown Ridge*

*Ex. Sec.
report*

*Reshkin
SS# 143-24-9111*

8. Standing Committees

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

Land Acquisition

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

Land Management

- Report on farm leases
- Issues for Discussion

Operation & Maintenance – Committee Chairman Bob Huffman

- GSD conference call being pursued
- Once R. W. Armstrong has completed manpower/cost format, O&M Committee meeting will be held
- Issues for Discussion

B. Environmental Committee – Committee Chairman Mark Reshkin

- Mitigation status of Hobart Marsh area
- IUN meeting regarding Partners for Prairie, Wetlands, and Botanical Gardens to be held 12-3
- Issues for Discussion

C. Legislative Committee – Committee Chairman George Carlson

- Federal appropriation approved for water projects – Little Cal flood control project at \$4 million
- Issues for Discussion

D. Project Engineering Committee – Committee Chairman Bob Huffman

- Pump Station 1A progress meeting held on 11-21
- Utility coordination meeting on 11-18 held at Chicago COE office to review Stage VI- Phase 1 utilities
- 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 November 2003
- Report on Finance Committee meeting held 11-21
- Proposed 2004 budget
- 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

MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
HELD AT 6:00 P.M. WEDNESDAY, NOVEMBER 5, 2003
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

Chairperson Arlene Colvin called the meeting to order at 6:10 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
Mark Lopez
Charlie Ray
Bob Marszalek
Curt Vosti
Steve Davis

Visitors:

Bill Petrites – Highland resident
Kelsee Waggoner – Congressman's Office
Jerry Ewen – Lake Station
Don Ewoldt – LEL
Sandy O'Brien – Hobart
Don Ewen – Hobart

Staff:

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

The minutes of the October 1, 2003 meeting were approved by a motion from Curt Vosti; motion seconded by bob Marszalek; motion passed unanimously.

Chairperson's Report – Chairperson Arlene Colvin referred to Executive Director Dan Gardner to speak about the upcoming meeting to be held November 7 with FEMA, IDNR, city of Gary, COE, and the Commission. The meeting will address the time table for removing the city of Gary from the floodplain. Mr. Gardner added that he has been in contact with IDNR and has also asked Imad to confirm that he has made all the documentation needed available to IDNR. He invited any Commissioners to attend. He thanked Kelsee Waggoner for setting up the meeting with FEMA. Commissioner Vosti asked the status of the betterment levee and about how cost overruns would be addressed. Mr. Gardner replied that the last communication on this subject was the conference call he had with Jim Meyer and the COE. It was discussed that the phase 2 portion of the levee could be built with 2 contracts (one contract by the city and the other contract by the COE). The removal of the floodplain designation relies on the construction completion of the Burr Street levee in a timely manner.

- Chairperson Colvin stated that a Nominating Committee needs to be selected. The by-laws call for 3 members to form the committee. Ballots were distributed to the Board members for them to select 3 names and the top 3 vote getters would form the Nominating Committee. They will meet, select a slate of officers and report back at the January Board meeting. Commissioner Vosti asked that his name be removed as he has served several times before on the Nominating Committee and proceeded to ask if any other member had a strong desire to serve. Commissioner George Carlson replied that he did have a desire to serve.

Executive Director's Report – Mr. Gardner referred to the letter on hydric soils. He is hoping that the COE and IDEM can identify other lands owned by the Commission instead of the 200 acres between the levees between Grant and Chase. The Commission feels these 200 acres would better serve the community as a public wetland mitigation project. He stated that Greg Moore from the COE and Marty Maupin from IDEM, plan to investigate several other

pieces of property that the Commission owns to determine if these lands meet IDEM's requirements for use as hydric soils. Several Commissioners expressed an interest in accompanying them on their inspection. Commissioner Mark Lopez asked if there would be any negative impact to Gary. Mr. Gardner replied that all properties being considered are within the line of protection and they would only be using the land we own that will be periodically flooded.

- Mr. Gardner informed the board members that he and Imad Samara attended a meeting at INDOT on October 10 regarding bridge credits. He thanked Kelsee Waggoner for setting up the meeting with INDOT. He felt the meeting was very helpful. We will be working with the Chief of Finance & Policy of INDOT to identify the design elements relative to flood control and the monies apportioned thereto. We realize that the amount of \$19 million originally mentioned in a previous letter from INDOT that would be available for credit is probably not going to be all applicable – but only if the amount of state money spent on needed flood control measures could be identified, it would still be a sizable amount. Mr. Gardner went on to say that we have sent a letter to Lake County Highway Dept and asked them to identify costs associated with flood control in regard to the county bridges they have re-constructed.
- Mr. Gardner referred to several articles in the agenda packet on the Illinois Thorn Creek Reservoir project.
- Mr. Gardner informed the Board members that Don Ewoldt has filed a request for administrative review of the mitigation permit. A hearing date has been set for December 10 at IDNR in Michigan City, with Steve Lucas being the hearing officer for DNR. Attorney Casale went on to explain that Mr. Ewoldt has filed a complaint with IDNR saying the permit we originally received for the east reach has been violated without proper procedure being followed. The mitigation portion of the project that was originally identified within the project area has been moved outside the impacted area into the Hobart Marsh area. Mr. Ewoldt has filed the complaint as an individual, not representing LEL. Attorney Casale has entered an appearance on behalf of the Commission.

Outstanding Issues – Regarding the USGS agreement for the Hart Ditch gauge station, Mr. Gardner stated that we have checked our past records to how much we have paid in the past for financing the operation of the gauge stations and it has been considerably more than the current amount they have requested. Mr. Gardner recommended to the Board that we sign the USGS agreement to pay the \$5,470 for the operation of the Hart Ditch gauge station. Mr. Vosti made a motion to sign the agreement with USGS for this amount for the operation of the station for the period of October 1, 2003 through September 30, 2004; motion seconded by Bob Huffman; motion passed unanimously.

- Mr. Gardner referred to the information we received from Imad regarding the road closure locations and requirements. It included information such as the height, width, number of sand bags, estimated installation time, locations, etc. Jim Pokrajac added that this is the updated version that will be included in the O&M manual. He will simplify this information and respond back to Spike Peller (who originally requested the information). We will speak further with Imad and have him clarify it at the next meeting.
- Mr. Gardner referred to the INDOT scheduling regarding the letting of the interchange work at Grant and Broadway. He stated that the COE will provide money to their project for construction related to the flood protection system. Jim Pokrajac added that he has the plans and specifications for these INDOT projects that are scheduled. The interchange work at Grant and at Broadway will be similar to the layout as the Burr Street interchange.

Land Acquisition/Land Management Committee – After discussion, Committee Chairperson Arlene Colvin made a motion to agree to the cost of fencing at the Mansards (for the lowest quote received of \$6,395) contingent upon (1) indemnification of the Commission, (2) they would agree to sell us a permanent easement at the appraised fair market value price, and (3) be responsible for the maintenance of the fence; motion seconded by Curt Vosti; motion passed unanimously.

- Ms. Colvin reported that on October 31 we received bids for the advertised farm land. The low bidder for Area #1 (Chase to Grant outside the levees and south of 35th) was Don Ewen at a price of \$70/acre. The low bidder for Area #2 (Chase to Grant between the levees) was Tim & Ed Bult at a price of \$74/acre. Ms. Colvin made a motion to accept these bids subject to staff having a bid clarification meeting with the bidders to get particulars worked out. Bidders need to understand the pumping situation and the charges for the pumping and irrigation of the land. Motion seconded by Bob Huffman; motion unanimously.

- A Gary resident, Mr. Joe Askew, addressed the Board. He has asked the Board members for consideration to rent a barn on Commission property (flowage easement in the East Reach Remediation area) to board his horses. He is currently trespassing and has no permission to be on the premises. The property was transferred to us on a tax sale from the Lake County Commissioners and Mr. Askew was on the property at that time. We had 4 structures on 4 separate properties in this area and the other 3 have been demolished; this is the only remaining structure. Mr. Askew stated that he had made some repairs to the barn at his expense. After a lengthy discussion, the matter was referred back to staff to obtain more information and report back at the next Commission meeting. Arlene Colvin made a motion to allow Mr. Askew to stay on the property for the next 30 days if he would sign a liability waiver; motion seconded by Bob Huffman. Staff was asked to inspect the property to determine what kind of repairs were made on the barn. Jim Pokrajac stated that he has seen the barn and believes that very minimal repairs were made and the barn is still sub-standard. Commissioner Bob Marszalek expressed his concern that once we give him permission to stay, we assume the liability. Attorney Casale said that if Mr. Askew agrees to sign a waiver, he could not sue us if something happened. Staff will check further into the issue of the insurance. Mr. Marszalek amended the motion to include that he must sign a waiver and include the reference to the liability insurance issue; motion seconded by Curt Vosti; motion passed unanimously.

Operation & Maintenance Committee – Committee Chairman Bob Huffman referred to the COE's response to our request for the investigation and removal of settlement gauges. There are about 10 gauges that remain to be removed and filled. It is proposed that it would be done in the next contract (VI-1). Commissioner Steve Davis stated that he would ask staff to follow up on his previous request of needing surveys and elevations of the tops of the levees in order to protect ourselves from any future liability on this issue. Jim Pokrajac stated that he has sent an email to Imad and will follow up.

- Bob Huffman stated that he went on a bike ride on the levees and noticed that a section of the levee (east of Harrison Street and south of the river) is in very poor condition. Since that is where the rotational failure was and since it is in such poor condition, there must be a connection. Staff will inform the COE. Jim Pokrajac referred to the October, 1998 COE letter explaining the levee failure.

Environmental Committee – Committee Chairman Mark Reshkin reported we are moving along with the acquisition process of the mitigation property. TPL has ordered the survey and revised title work for the 173 acre parcel we wish to acquire. DNR is currently writing up an offer which would have to be approved by the Attorney General before it goes to the owner. TPL will then pursue other properties. Mr. Gardner added that since the Commission does not have the authority to acquire property in the Hobart Marsh area, the Attorney General is required to review it.

- Dr. Reshkin reported that Dr. Spencer Cortwright spoke at the Environmental Committee meeting held on October 23. Present at the meeting were Steve Davis, George Carlson, Bob Huffman, Mark Lopez, Greg Moore, Imad Samara, Jim Pokrajac, and himself. He stated that Dr. Cortwright has been managing/restoring a 10 acre prairie just north of 33rd Avenue by IUN and described the work he has been doing. Dr. Cortwright asked about participating in the future landscaping planning in the east reach of the project. He will work with Imad and Greg Moore. After discussion, it was decided that a working group would be formed consisting of Dr. Cortwright, Imad Samara, Greg Moore, Jim Pokrajac and possibly others.

Legislative Committee – Committee Chairman George Carlson stated there was no report.

Project Engineering Committee – Committee Chairman Bob Huffman informed the Board that the Pump Station 1A coordination meeting was held on October 30 to review the status of the contract. The Baring Avenue pump station would be operational by December 1, 2003.

- An INDOT coordination meeting was held on August 12, 2003 to review their projects in northwest Indiana. Discussion ensued on INDOT's stating they could not release Phase 1A (Ridge Road to 81st Street) until 2005. Because the flood protection system in that area has to be built before the installation of the INDOT pump station, they cannot

proceed with their construction. The INDOT pump station will not be functional until the total line of flood protection is installed. While it would be desirable to have this pump station construction moved up, we cannot commit to it until we determine that sufficient funds remain after our immediate obligations are met in Stages VI-1 and VI-2, which are our top priorities.

- GSD has not yet signed off as owners for the installation of electric service with NIPSCO for the 2 new lift stations in the Stage III Remediation contract. They still have some concerns and will not sign until the issue of water quality is addressed. IDEM is being brought in on the discussion. A conference call needs to be pursued.

Recreation Committee – In Committee Chairman Emerson Delaney's absence, Bob Huffman reported that on October 25 there was an organized bike ride on the levees by the Gary Green Link which was organized by Doreen Carey. About 30 people were involved. There were many positive comments about the trail. Discussion was held regarding some of the work that the group hopes to accomplish.

Marina Committee – In Committee Chairman Emerson Delaney's absence, Mr. Gardner referred to the financial status report on the marina. He talked about the income and expenditures. It is hoped that we can begin discussions with the city of Portage again in regard to the build out of the marina.

Finance Committee – Committee Chairman Curt Vosti gave the financial report. He referred to the financial status sheet and current claims. He made a motion to approve the financial status sheet and the claims for the month of October; motion seconded by Bob Marszalek; motion passed unanimously. He then referred to a proposed 12 month budget for the completion of 2003. With no commitment of continued state funding at the beginning of 2003, we originally started out the year with a 6 month budget. We then went to a 9 month budget and now have proposed a 12 month budget, showing the allocation of the \$5 million from this biennium. Mr. Vosti made a motion to approve and accept the proposed 12 month budget for the administrative budget; motion seconded by George Carlson; motion passed unanimously. Mr. Vosti then made a motion to approve and accept the proposed 12 month budget for the land acquisition budget; motion seconded by George Carlson; motion passed unanimously.

- Mr. Vosti announced that the COE has requested a local cash contribution amount of \$400,000 for fiscal year starting October 1, 2003.

- Mr. Vosti made a motion to transfer the amount of \$63,069.65 into the administrative account in order to cover anticipated expenses until the end of the year. These monies comprise the sale of the Berkheimer property at \$32,859.45 and the \$30,210.20 interest money earned from several savings account. Motion was seconded by George Carlson; motion passed unanimously. Commissioner Mark Lopez asked whether all financial matters require Board action and Mr. Gardner replied that they did.

- A Finance Committee meeting will be scheduled before the next Board meeting.
- Mark Lopez asked about what engineering services are procured and how much of the approved claim amounts comprise engineering charges. Staff will work with him to explain the breakdown.
- Mr. Vosti made a motion to approve 2 invoices to be paid out of O&M funds. They are (1) \$200 to Don Powers Insurance for 3 months coverage on Commission owned property at 3120 Gerry Street and (2) \$19,100 to Congress Enterprises for the demolition of 3 structures on Commission owner property in the East Reach Remediation area. Motion seconded by Mark Lopez; motion passed unanimously.

Policy Committee – There was no report.

Public Relations Committee – There was no report.

Other Issues – Chairperson Arlene Colvin announced that the Nominating Committee will consist of George Carlson, Steve Davis, and Mark Lopez. They will meet, select a chairman, and propose a slate of officers at the January meeting.

Statements from the Floor – There were none.

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

4

Sandy Mordus

From: "Lundberg, Patricia L" <plundber@iun.edu>
To: "Cortwright, Spencer A" <scortwr@iun.edu>; "Jones, Earl" <ejones@iun.edu>; "Mucci, Robert" <rmucci@iun.edu>; "Cutler, Dianne L." <dcutler@iun.edu>; "Ige, Dorothy W K" <dige@iun.edu>; "Lundberg, Patricia L" <plundber@iun.edu>; <tarmstrong@jorsm.com>; <elainec@jorsm.com>; "Jefimenko, Otto W" <ojefimen@iun.edu>; "Jacobs, Randall C" <rcjacobs@iun.edu>; "Steward, Donald L" <dsteward@iun.edu>; <dgardner@nirpc.org>
Cc: "Bergland, Bruce William" <bberglan@iun.edu>; <cynbruberg@aol.com>; "Vasquez, Marilyn" <mvasquez@iun.edu>; "Kindred, Pamela Jean" <pkindred@iun.edu>
Sent: Sunday, November 23, 2003 1:29 PM
Attach: IUN Gardens Planning.doc
Subject: Report of IUN "Gardens" projects, meeting and future meeting

I have summarized and attached a briefing /meeting that most of us held last week at the request of Elaine Chandler, Lake County Parks Superintendent for Planning, about work underway or in planning for IUN gardens and prairies etc. projects, the outcomes we are seeking, and the potential for collaborations with the university park project and others. As requested, we have scheduled a follow up meeting with Elaine Chandler (Lake County Parks), Kim Lyles (Gary Parks), and Dan Gardner (Little Calumet River Basin Development Commission). (Kim Lyles has been invited but has not yet confirmed). December 3, 2003, 8:30 a.m., LC 115, IUN. Please bring this report to that meeting and include anyone you think would wish to contribute.

My apologies for the "map" at the end of the report. I've reach my techie limits this weekend and will seek help next week for a better visualization.

Patti Lundberg,
 Executive Director, IUN Center for Cultural Discovery and Learning
 980-6970

**Report on Planning for Prairie, Wetlands, and Botanical Gardens, IUN,
Including Potential for Partners, 11/22/03; prepared by Patricia Lundberg, IUN**

2003 Team: Spencer Cortwright, Assoc. Professor of Biology (Prairie and Wetlands reconstruction); Earl Jones, Assoc. Professor of African-American Studies (Botanical Garden and Historical Tour of African-American Gary); Patricia Lundberg, Executive Director, Center for Cultural Discovery and Learning (team coordinator); Bob Mucci, Assoc. Professor, Anthropology (Native American Garden); Dianne Cutler (IUN Grounds and Gardens Supervisor); Otto Jefimenko, Director, IUN Facilities; Don Steward, VC IT and Facilities; Dorothy Ige, Dean of Arts and Sciences; Randy Jacobs, Chancellor's rep, University Park Project; Tim Armstrong, Landscape Architect, Lake County Parks; Elaine Chandler, Superintendent, Planning, Lake County Parks; Dan Gardner, NIRPC, Little Calumet River Basin Development Commission.

I. Summary to date.

This team, except for Elaine Chandler who had a last-minute scheduling conflict and Dan Gardner whom we contacted later, met on 11/19 for briefings on IUN projects already under way or in planning by IUN faculty and staff, planning and execution that has been separate from planning underway for the University Park Project and other cultural projects. The desirability of a briefing became clear after a University Park steering committee meeting in August 2003, during discussion of potential for a nature reserve and other ecological development from Franklin School to IUN along the levee. Ideas proposed at the University Park meeting included creating a Franklin community center park, a butterfly garden, projects to study the health of the river, and to explore the viability of a botanical garden; in short, an ecological corridor (Elaine Chandler). Because IUN has various projects in development for extending our campus as a dynamic learning laboratory into the surrounding community, especially toward the river, for the benefit of researchers, students, and community, it seemed important to brief those working on the University Park Initiative. It seems also an excellent time to consider partnerships. At the 11/19 meeting, we decided to request that the work of IUN faculty and staff already underway be acknowledged in the University Park Open Space Committee's draft for presentation to the Chancellor and the Mayor. A follow-up meeting of the Gardens/Prairie team is scheduled for **12/3 in the IUN Library Conference Center Room 115 at 8:30 a.m.**

II. Purpose: to coordinate work underway at IUN and to explore creating a planning partnership among IUN and Lake County and Gary Parks, in concert with the Army Corps of Engineers and Little Calumet River Basin Development Commission and whatever other authorities are necessary for multiple distinct but interrelated projects:

- 1) To extend reconstruction of the prairie begun under Spencer Cortwright's grant;
- 2) To formally designate the IUN campus as a Botanical Garden by the American Association of Botanical Gardens and Arboreta (only IUB among Indiana Universities has this designation now (Earl Jones);
- 3) To extend and create gardens and reserves on campus and along the levee, to include creating "theme gardens" and recreating the Native American Garden;
- 4) To re-study with Lake County Parks the feasibility for a conservatory;

- 5) To create a walking tour of important sites in African-American history (Jones);
- 6) To realize the Center's vision for a dynamic indoor and outdoors ecological and cultural discovery learning laboratory that spills throughout the neighborhood for the benefit of campus and community, in concert with city and University Park projects; to create an environment that will attract ecologically friendly economic development and an attractive residential environment; to make the area a destination point (Center for Cultural Discovery);
- 7) To establish a long-range plan for the Center for Cultural Discovery and Learning to construct an architecturally significant building to house cultural discovery and learning archives, laboratories, performance space, a cultural resource center, etc., in partnership with the community, and to support the university strategic goals for sustainable regional vitality.

III. Current Status of Gardens at Indiana University Northwest, as of winter 2003-04.

Rose Garden. The Rose Garden wraps around the southwest corner of Hawthorn Hall. Dianne Cutler and her staff arranged funding, designed, and constructed the garden. A cement walkway offers easy access to the south edge of the garden. Dianne and her staff maintain the garden.

Sculpture Garden. The Sculpture Garden of monumental works and garden will be located in the courtyard between Savannah and Moraine Centers. IUN sculptor Neil Goodman and landscape architect Cynthia Owen-Bergland are designing and implementing the sculpture Garden. It will feature plantings representing the North American prairie along with monumental scale sculptures with the theme of presettlement life in Northwest Indiana and its contemporary industrial landscape set against the ecological riches of wetlands and dunelands. Considerable funds have been raised for this project, the first manifestation of the Center for Cultural Discovery and Learning.

Tallgrass Prairie and Wetlands. In 2002, Spencer Cortwright won a grant from the US Department of the Interior, Fish and Wildlife Service to manage the open space adjacent to campus, which faculty and students have been restoring to native prairie and wetland. The Little Calumet River Prairie and Wetlands presently occupies 10 acres. It abuts the northern edge of IUN's main parking lot and lies between Broadway and Harrison south of the south dike along the Little Calumet River. Because of this site's urban location, and its significant level of disturbance, the restoration requires labor-intensive restoration techniques and active management to control invasive species. It introduces not only university faculty and students but also the community at large to native grassland, to wetland, to migratory birds and to other wildlife that make this urban environment their home. This grant subsidizes a program of control of invasive species and prairie wetland restoration, and the preparation and installation of informational signs to interpret the environment to the public. The grant also enables a program of activities, publications, field days, which serves to educate the site's visitors to the importance of controlling invasive species and to the merit of restoring greenspace to native species. The first year of extensive seeding was 1999 and the project continues to present. Initially 10 species native to Northwestern Indiana prairies and wetlands were on the site; over 140 such species exist today. Aspirations for expansion include the 55

acres of wetlands inside the dike (north and south of the river) and hundreds of other acres along the river. Spencer Cortwright with assistance from students works on the site, which will include a prescribed burn in spring of 2004. Its slightly scruffy appearance along the perimeter is temporary, caused by annual weeds that will quickly be supplanted by perennials now growing to maturity. Funding for the project has come from Indianapolis Power and Light, NiSource, US Fish & Wildlife Service, and an IUN Grant-in-Aid; pending resources are National Fish and Wildlife Foundation and Indiana Department of Natural Resources.

Native American Garden. A Native American garden has been constructed through the work of anthropology professors and students and used in related course work, but since has been obliterated by construction of a new building. It likely will be resurrected when access improves by the anthropology program, led by Bob Mucci, and students. It will feature plants variously used by Native Americans, including medicinal plants.

Tree Signage. Each species of tree on the IUN campus has been labeled by species name with additional informative comments. Dianne Cutler and Cynthia Owen-Bergland completed the signage project. No formal tree garden was created; rather, the informative signage is scattered around the campus with each sign placed in clear view of passersby.

IV. Gardens and Related Projects under Consideration or in Planning at IUN:

Formal Designation of IUN Campus as a Botanical Garden. Earl Jones and others have formed an IUN Botanical Gardens Committee, which has worked on this for about a decade, researching how other university campuses were structured as Gardens and recognized by The American Association of Botanical Gardens and Arboreta. Consistent with AABGA guidelines the committee has developed policy for the gardens as recommended by AABGA and begun the process to implement activities (e.g. labeling, etc.) to achieve full designation as a botanical garden (see IUN Botanical Gardens policy on file). The Botanical Garden would extend into the neighborhood north of the campus as a nature preserve. Its purpose is several-fold: to educate and enrich the public through excellent horticultural displays; to display plants with ornamental and/or botanical value; to display the most easily cultivated, adaptable, robust, tolerant species for Northwest Indiana; to display herbaceous native plants that represent Northwest Indiana habitats and are compatible with onsite conditions; to provide esthetic enjoyment and recreation for the public as well as a research laboratory for faculty and future generations. Criteria have been developed, including processes for record keeping and supervision of collection by Dianne Cutler, the Grounds Maintenance Supervisor. The project needs an architectural rendering, a two-year work plan with goals and objectives, and a budget. It has been designed to meet AABGA guidelines: it is open to the public year round; it functions as an aesthetic display, educational display, and a site for research; plant records are maintained, it has at least one professional staff member; and its specimens are clearly labeled for visitors. As the entire grounds budget is currently only \$27,000, dues for designation by AABGA would be reasonable.

Fern Garden. Some consideration has been given to constructing a fern garden that will illustrate the wide variety of ferns native to northwest Indiana. Peggy Ruckman, lecturer in Biology, conceived this project.

$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$
[illegible]

Spring Wildflower Garden. Some consideration has been given to constructing a spring wildflower garden that will illustrate the diversity of woodland wildflowers of Northwest Indiana that bloom in spring. Spencer Cortwright has considered this project and possible sites, including the shady areas under silver maples east and west of Tamarack Hall.

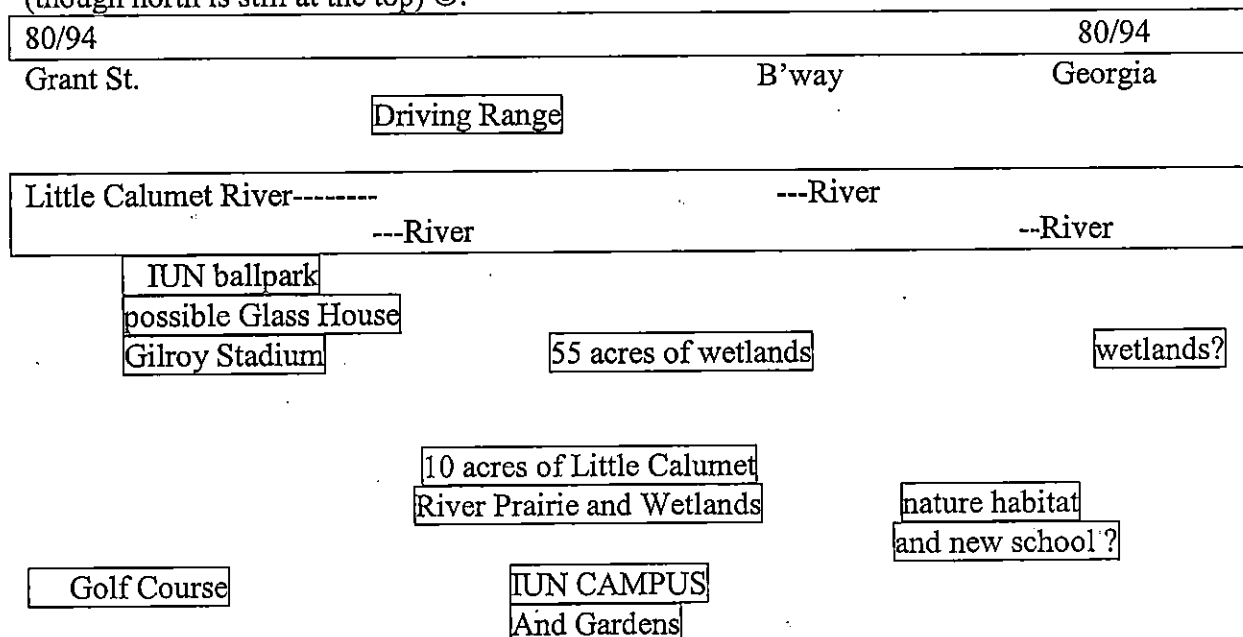
Scent Garden. Dianne Cutler and Spencer Cortwright have considered that a scent garden be placed on campus. The primary feature of all species in this garden would be that they produce a variety of scents. No real planning has gone on here other than to conceive the general idea based on a visit to Chicago Botanic Garden.

Midtown/The Central District: The Historic Black Community. A multifaceted IUN project underway has potential for partnerships: Last year Earl Jones won an Indiana Humanities Council grant to develop a plan for identifying and collating materials about the Historic Black Community in Gary, to present to youth to improve their self-esteem, engender pride in their heritage, and increase their knowledge of the historical significance of the Black community in Gary. It would include a walking tour of historic sites, spilling north of the freeway, thus extending the learning experience from campus, across the prairie, around the levee, and into Midtown Historical Gary.

V. Conclusion.

Much is underway at IU Northwest, concurrent with development of a University Park planned partnership with the university and the City of Gary and Lake County authorities. This team invites further discussion for collaborations and partnerships. A meeting is scheduled on **December 3, 2003 in the IUN Library Conference Center Room 115 at 8:30 a.m.** for anyone interested.

We'll have a better map on Dec. 3, but below is the roughest map sketch you'll ever see (though north is still at the top) ☺:



Fed funds continue for Little Cal, Cady Ditch

BY JOSEPH RYAN
Times Staff Writer

The federal government recently bestowed two multimillion dollar checks on Northwest Indiana to continue work on local waterways to prevent flooding, saving thousands of residents flood insurance.

Part of the money will go exclusively toward work in Griffith on the Cady Marsh Ditch to direct overflow water underground to the Little Calumet River. In addition, \$4 million will be used to shore up the sides of the Little Calumet River with levees through Hammond and Highland.

Both projects are designed to remove properties from federally designated flood plains, which require homeowners to purchase insurance.

In Griffith, authorities will use \$4.5 million from the recent federal government allocation to begin work on a 10-foot-wide underground pipe that will stretch from near Argos Avenue and north past the Mansards apartment complex, where it will dump into the Little Calumet.

That ditch can't handle the water that is there, said Ron Szafarczyk, Griffith's clerk treasurer. This will take a majority of people out of the flood plain, which will mean tremendous savings.

Some of the money will up-

grade the town's pumping station, which has at times spilled water into the ditch, said Szafarczyk. Construction is expected to begin next summer and is tentatively scheduled for completion in 2005. In all, the project will cost about \$24 million.

Griffith has been lobbying for the cash since the 1970s, but until just recently has been unsuccessful.

U.S. Rep. Pete Visclosky, D-Merrillville, has claimed responsibility for securing the federal funds for improving local waterways.

As for the Little Calumet River project, the most recent federal appropriation will be combined with \$7 million secured this year from the state.

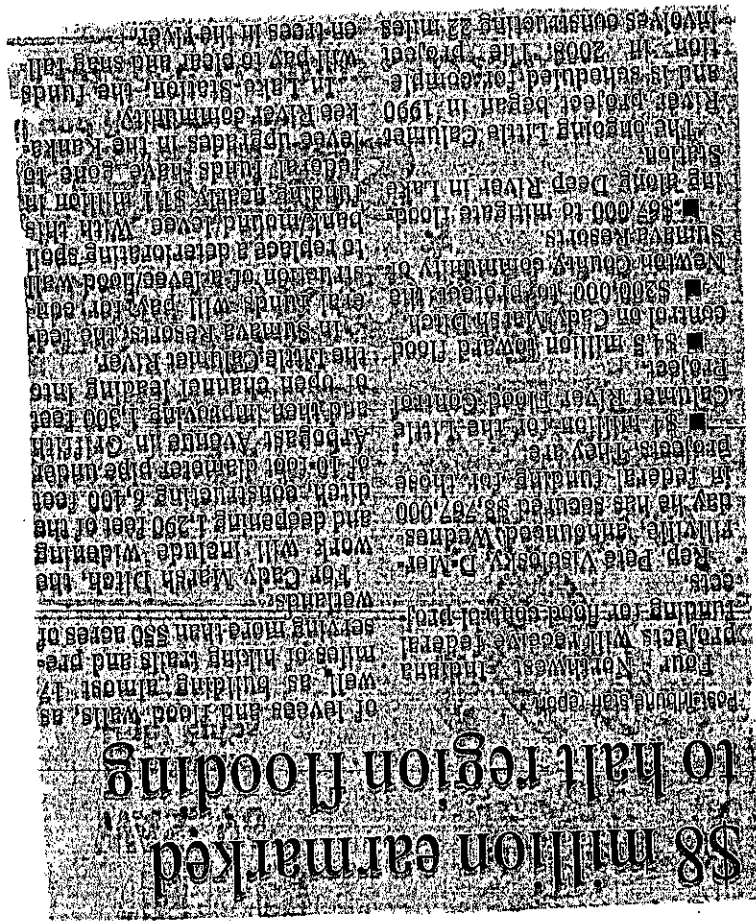
That money will build new levees along the river's banks in Hammond and Highland as the second part of an 18-year project that started in Gary and is planned to end in 2008.

The project has been running slow because of problems obtaining state money and private property but completion on the set timetable is still in sight, said Dan Gardner, director of the Little Calumet River Basin Commission.

The more than \$90 million project is expected to take 8,800 homes out of the flood plain from Munster to Gary. Munster will be last on the list for new levees and bank improvements.

For more information, call 317-844-1111.

The Post Tribune
Thursday, November 20, 2003



LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

FINANCIAL STATEMENT
JANUARY 1, 2002 - OCTOBER 31, 2003

CASH POSITION - JANUARY 1, 2003	
CHECKING ACCOUNT	134,776.87
LAND ACQUISITION	43,780.09
TAX FUND	0.00
INVESTMENTS	958,000.00
SAVINGS	315,341.09
ESCROW ACCOUNT INTEREST	1,015.16
	<u>1,452,913.21</u>

RECEIPTS - JANUARY 1, 2003 - OCTOBER 31, 2003	
LEASE RENTS	45,161.00
LET MONIES (SAVINGS)	28,725.50
INTEREST INCOME (FROM CHECKING & FIRST NATL)	453,816.28
LAND ACQUISITION	250.30
ESCROW ACCOUNT INTEREST	42,002.34
MISC. RECEIPTS	385.00
CASALE, WOODWARD, BULL	485.00
CHICAGO TITLE	6,108.63
SAFE CO INSURANCE	385.00
TICOR	32,859.45
MERIDIAN TITLE CORP	1,755.05
G. W. BERKHEIMER	14.21
NIPSCO	10.00
B. GOAD (BANK CHARGE)	1,138.97
KRBC REIMBURSEMENT RE: TELEPHONE CHARGE	47,839.94
TRANSPERRED FROM SAVINGS	228.92
PROCEEDS FROM VOIDED CHECKS	2.80
CK#7798 MARION WILLIAMS	50.00
CK#7814 MARION WILLIAMS	176.12
CK#7853 D.M.S. INC	
TOTAL RECEIPTS	619,163.25

DISBURSEMENTS - JANUARY 1, 2002 - OCTOBER 31, 2003	
ADMINISTRATIVE	119,002.99
PER DIEM	7,950.00
LEGAL SERVICES	3,958.30
NIRPC	107,957.64
TRAVEL & MILEAGE	1,180.06
PRINTING & ADVERTISING	2,093.88
BONDS & INSURANCE	6,429.00
TELEPHONE EXPENSE	4,715.13
MERTING EXPENSE	889.45
LAND ACQUISITION	62,713.94
LEGAL SERVICES	62,713.94
APPRAISAL SERVICES	49,975.00
ENGINEERING SERVICES	26,309.96
LAND PURCHASE CONTRACTUAL	76,556.00
FACILITIES/PROJECT MAINTENANCE SERVICES	0.00
OPERATIONS SERVICES	0.00
LAND MANAGEMENT SERVICES	168,973.37
SURVEYING SERVICES	12,910.00
MISCELLANEOUS EXPENSES	0.00
ECONOMIC/MARKETING SOURCES	0.00
PROPERTY & STRUCTURE COSTS	47,469.67
MOVING ALLOCATION	0.00
TAXES	6,842.85
PROPERTY & STRUCTURES INSURANCE	200.00
UTILITY RELOCATION SERVICES	24,625.41
LAND CAPITAL IMPROVEMENT	0.00
STRUCTURAL CAPITAL IMPROVEMENTS	2,484.00
BANK CHARGES MERCANTILE	61.80
PASS THROUGH FOR SAVINGS	96,265.90
TOTAL DISBURSEMENTS	710,561.36

CASH POSITION - OCTOBER 31, 2003	
CHECKING ACCOUNT	68,501.95
LAND ACQUISITION	18,406.60
GENERAL FUND	0.00
TAX FUND	86,908.55
TOTAL FUNDS IN CHECKING ACCOUNT	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	159,402.15
(LET MONEY)	133,721.49
(MARIANA SAND MONEY)	
(STATE DRAW MONIES)	
(GARY PAIRS & REC MONIES)	
SAVINGS INTEREST	30,620.15
TOTAL INVESTMENTS & SAVINGS	1,281,743.79
ESCROW ACCOUNT INTEREST AVAILABLE	1,265.46
TOTAL OF ALL ACCOUNTS	<u>1,369,917.80</u>

12

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

MONTHLY BUDGET REPORT, NOVEMBER 2003

	2003							12 MONTH	UNALLOCATED
	BUDGET	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ALLOCATED	BUDGETED
								TOTAL	BALANCE
5801 PER DIEM EXPENSES	16,000.00	200.00	0.00	0.00	0.00	0.00	0.00	200.00	15,800.00
5811 LEGAL EXPENSES	8,500.00	593.66	283.33	310.33	589.33	634.33	697.33	3,108.31	5,391.69
5812 NIRPC SERVICES	135,000.00	10,210.39	10,747.62	10,448.76	10,456.63	10,809.44	10,416.63	63,089.47	71,910.53
5821 TRAVEL/MILEAGE	14,000.00	91.42	13.44	11.48	7.28	15.96	23.52	163.10	13,836.90
5822 PRINTING/ADVERTISING	5,000.00	0.00	203.88	0.00	0.00	0.00	0.00	203.88	4,796.12
5823 BONDS/INSURANCE	7,500.00	0.00	77.00	0.00	0.00	6,352.00	0.00	6,429.00	1,071.00
5824 TELEPHONE EXPENSES	7,000.00	115.61	384.39	296.20	290.49	405.42	0.00	1,492.11	5,507.89
5825 MEETING EXPENSES	8,000.00	109.90	68.65	24.84	78.00	90.80	329.35	701.54	7,298.46
5840 PROFESSIONAL SERVICES	350,000.00	22,062.06	27,986.54	38,322.98	42,878.68	47,427.93	34,239.27	212,917.46	137,082.54
5860 PROJECT LAND PURCHASE EXP.	4,763,121.00	1,300.00	1,650.00	155.61	79.00	5,532.00	34.00	8,750.61	4,754,370.39
5881 PROPERTY/STRUCTURE INS.	25,000.00	691.00	0.00	0.00	0.00	0.00	0.00	691.00	24,309.00
5882 UTILITY RELOCATION EXP.	200,000.00	0.00	0.00	0.00	10,133.15	2,096.19	745.80	12,975.14	187,024.86
5883 PROJECT LAND CAP. IMPROV.	250,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250,000.00
5884 STRUCTURES CAP. IMPROV.	25,000.00	2,484.00	0.00	0.00	0.00	0.00	0.00	2,484.00	22,516.00
5892 PROJECT COSTSHARE/ESC ACCT	400,000.00							400,000.00	0.00
	6,214,121.00	37,858.04	41,414.85	49,570.20	64,512.56	73,364.07	46,485.90	713,205.62	5,500,915.38

	2003							12 MONTH	UNALLOCATED
	BUDGET	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ALLOCATED	BUDGETED
								TOTAL	BALANCE
5801 PER DIEM EXPENSES	16,000.00	3,100.00	0.00	0.00	0.00	0.00		3,300.00	12,700.00
5811 LEGAL EXPENSES	8,500.00	283.33	283.33	283.33	283.33	283.33		4,524.96	3,975.04
5812 NIRPC SERVICES	135,000.00	10,483.16	10,636.33	10,437.66	10,754.71	10,417.18		115,818.51	19,181.49
5821 TRAVEL/MILEAGE	14,000.00	349.68	24.92	29.68	17.64	41.30		626.32	13,373.68
5822 PRINTING/ADVERTISING	5,000.00	0.00	1,880.00	0.00	66.28	0.00		2,150.16	2,849.84
5823 BONDS/INSURANCE	7,500.00	0.00	0.00	0.00	0.00	0.00		6,429.00	1,071.00
5824 TELEPHONE EXPENSES	7,000.00	705.20	513.07	0.00	643.57	322.35		3,676.30	3,323.70
5825 MEETING EXPENSES	8,000.00	0.00	59.70	91.12	37.09	172.37		1,061.82	6,938.18
5840 PROFESSIONAL SERVICES	350,000.00	67,948.68	42,710.61	44,668.83	34,467.68	55,132.73		457,845.99	-107,845.99
5860 PROJECT LAND PURCHASE EXP.	4,763,121.00	30,055.28	8,510.00	126.00	6,046.57	23,750.00		77,238.46	4,685,882.54
5881 PROPERTY/STRUCTURE INS.	25,000.00	200.00	0.00	0.00	0.00	0.00		891.00	24,109.00
5882 UTILITY RELOCATION EXP.	200,000.00	3,076.92	5,019.17	3,554.18	0.00	6,028.70		30,654.11	169,345.89
5883 PROJECT LAND CAP. IMPROV.	250,000.00	0.00	0.00	0.00	0.00	0.00		0.00	250,000.00
5884 STRUCTURES CAP. IMPROV.	25,000.00	0.00	0.00	0.00	0.00	0.00		2,484.00	22,516.00
5892 PROJECT COSTSHARE/ESC ACCT	400,000.00							400,000.00	0.00
	6,214,121.00	116,202.25	69,637.13	59,190.80	52,316.87	96,147.96	0.00	1,106,700.63	5,107,420.37

13

CLAIMS PAYABLE FOR NOVEMBER 2003

ACCT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5811	CASALE, WOODWARD & BULS LLP	283.33	MONTHLY RETAINER THROUGH 11/20/03
5812	NIRPC	10,376.07	SERVICES PERFORMED OCTOBER 2003
5812	JAMES E. POKRAJAC	41.11	REIMBURSEMENT FOR DEVELOPING OF FILM FOR PROJECT USE
5821	JAMES E. POKRAJAC	24.50	REIMBURSEMENT FOR TOLLS & PARKING FOR 11-18-03 FOR MEETING AT CHICAGO DISTRICT COE OFFICE
5821	SANDY MORDUS	16.80	MILEAGE 11/4/03-11/18/03
5824	VERIZON	122.05	BILLING PERIOD 11/16/03-12/16/03(TOTAL BILL 234.72, KRBC 112.67)
5824	AT & T	200.30	BILLING PERIOD 10/13/03-11/12/03(TOTAL BILL 222.26, KRBC 21.96)
5825	SAND RIDGE BANK CHARGE	19.50	EXPENSES INCURRED 11/17/03 FOR NOMINATING COMMITTEE MEETING
5825	SAND RIDGE BANK CHARGE	65.00	EXPENSES INCURRED 11/19/03 FOR MEETING WITH COMM. TREASURER
5825	SAND RIDGE BANK CHARGE	87.87	EXPENSES INCURRED 11/21/03 FOR FINANCE COMMITTEE MEETING
5841	JANET O'TOOLE & ASSOCIATES	1,500.00	APPRAISAL FEE FOR DC-69A
5841	JANET O'TOOLE & ASSOCIATES	1,500.00	APPRAISAL FEE FOR DC-603
5842	R. W. ARMSTRONG	147.00	PROFESSIONAL SERVICES FOR PERIOD ENDED 11/7/03
5842	GARCIA LE & ASSOCIATES LLC	2,212.50	PROFESSIONAL SERVICES ON LAKE ETTA PROPERTIES
5843	CHICAGO TITLE INSURANCE COMPANY	385.00	TITLE WORK PERFORMED FOR DC-1000
5844	JAMES E. POKRAJAC	5,434.00	ENGINEERING SERVICES 10/16/03-10/31/03
5844	JAMES E. POKRAJAC	180.88	OCTOBER MILEAGE
5844	JAMES E. POKRAJAC	4,336.75	ENGINEERING SERVICES 11/3/03-11/14/03
5844	JUDITH VAMOS	3,402.80	LAND ACQUISITION SERVICES 10/16/03-10/31/03
5844	JUDITH VAMOS	35.28	OCTOBER MILEAGE
5844	JUDITH VAMOS	3,139.60	LAND ACQUISITION SERVICES 11/3/03-11/14/03
5844	G. LORRAINE KRAY	996.40	CREDITING TECHNICIAN/LAND ACQUISITION ASST 10/16/03-10/30/03
5844	G. LORRAINE KRAY	911.80	CREDITING TECHNICIAN/LAND ACQUISITION ASST 11/04/03-11/13/03
5844	SANDY MORDUS	257.25	CREDITING TECHNICIAN SERVICES 10/20/03-10/30/03
5844	SANDY MORDUS	61.25	CREDITING TECHNICIAN SERVICES 11/6/03-11/15/03
5847	DLZ	2,002.50	PROFESSIONAL SERVICES FOR DNR-6
5847	DLZ	2,585.00	PROFESSIONAL SERVICES FOR DC-1000
5847	DLZ	2,617.00	PROFESSIONAL SERVICES FOR DC-1001
5847	DLZ	2,520.50	PROFESSIONAL SERVICES FOR DC-1004
5847	DLZ	3,906.75	PROFESSIONAL SERVICES FOR DC-1009
5847	DLZ	2,815.00	PROFESSIONAL SERVICES FOR DC-1016
5847	DLZ	1,637.50	PROFESSIONAL SERVICES FOR DC-1017
5847	DLZ	3,833.75	PROFESSIONAL SERVICES FOR DC-1030
5849	CASALE, WOODWARD & BULS LLP	8,714.22	LAND ACQUISITION/LEGAL SERVICES FOR PERIOD ENDED 11/20/03
5861	ROTT DEVELOPMENT COMPANY	23,750.00	UNIFORM EASEMENT OFFER FOR DC-1010F
5882	NIES	219.24	UTILITY RELOCATION SERVICES FOR STAGE VH
5882	SHORT ELLIOTT HENDRICKSON INC	777.50	PROFESSIONAL SERVICES FOR SVI
5882	SHORT ELLIOTT HENDRICKSON INC	5,031.96	PROFESSIONAL SERVICES FOR SVI

TOTAL

96,147.96

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PROPOSED
2004 OPERATING BUDGET

*add 3rd column
w/ actual
expenses for
finance
committee
mfg*

Budget Code	Category	2003 (12 month) Budget	2004 (12 month) Budget
<u>ADMINISTRATIVE BUDGET</u>			
5801	Per diem expenses	\$16,000.00	\$15,000.00
5811	Legal Services	\$8,500.00	\$8,500.00
5812	NIRPC Services	\$135,000.00	\$130,000.00
	a) Basic staff support		
	b) Mileage/expenses		
	c) Room rental		
	d) Postage		
	e) Copying machine		
	f) Printing/graphics labor		
	g) Office supplies		
	h) Other		
5821	Travel and Mileage	\$14,000.00	\$10,000.00
5822	Printing and Advertising	\$5,000.00	\$5,000.00
5823	Bonds and Insurance	\$7,500.00	\$8,000.00
5824	Telephone Costs	\$7,000.00	\$7,000.00
5825	Meeting Expenses	\$8,000.00	\$8,000.00
SUB TOTAL		\$201,000.00	\$191,500.00

LAND ACQUISITION/PROJECT DEVELOPMENT BUDGET

5840	Professional/Consultant Services	\$350,000.00	\$650,000.00
5841	Appraisal Services		
5842	Engineering/design services		
5843	Land Purchase contractual services		
5844	Land management services		
5845	Facilities/project maintenance services		
5846	Operational services		
5847	Surveying services		
5848	Economic/marketing sources		
5849	Legal Services		
5860	Project Land Purchase Contracts	\$4,763,121.00	\$4,073,177.00
5861	Property & Structures costs		
5862	Moving/relocation costs		
5863	Real Estate Taxes owed account (pass through account)		
5881	Property/Structure Insurance	\$25,000.00	\$25,000.00
5882	Utility Relocation Costs	\$200,000.00	\$200,000.00
5883	Land Capital Improvements	\$250,000.00	\$25,000.00
5884	Structures Capital Improvements	\$25,000.00	\$25,000.00
5892	Project Cost Share Payments/Escrow Account	(\$400,000.00)	(\$400,000.00)
SUB TOTAL		\$6,013,121.00	\$4,998,177.00
TOTAL BUDGET		\$6,214,121.00	\$5,189,677.00

Note:

- \$5 million allocated on 8/14/03 from 2003/04 - 2004/05 General Fund budget
- \$2 million appropriated from 2003/04 - 2004/05 yet to be allocated

LAND MANAGEMENT REPORT
For meeting on Wednesday, December 3, 2003
(Information in this report is from October 28 – November 25, 2003)

A. NON-PROJECT LAND MANAGEMENT

Charles Agnew Park sign will be finished. However, the dedication will be rescheduled for spring 2004.

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 24th, 2003.
- **With the onset of winter coming, staff will pursue the advertising to sell the house in the spring. Legal action that allows us to sell state property has already been completed.**

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 pervious motion by the Commission, their monthly rental will be increased to \$2,000 per month.
- We have had no acknowledgement of our letter to them. **We have received payments since September still in the amount of \$1500.**

3. FARM LEASES:

- **LCRBDC met with the Bult brothers on November 13 to review concerns with site conditions, pumping, and new project instructions. A meeting was held with Don Ewen on December 2.**

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. **A meeting will be scheduled before the end of 2003.**

C. 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)

1. A letter was sent to the COE on September 22nd, 2003, requesting a response to the settlement around settlement gage east of Harrison.
2. LCRBDC received a response from the COE on October 17th, 2003, with their findings and recommendations.
 - COE visited the site on October 15th, 2003, and found that a 4' diameter area around the settlement gage had subsided about 18".

- The COE said it may be due to inadequate compaction.
 - COE feels levees are sound and only to fill and compact this area with clay. COE will remove remaining gages 12" below crest, fill with grout, the backfill.
3. Supplemental request to COE on October 7th, 2003, to obtain elevations on gages and levee for record purposes. **(Ongoing)**
- D. Emergency Management/River Monitoring
1. LCRBDC sent a letter to the COE on September 12th, 2003, requesting an updated, current project map showing road closings and sandbagging locations.
 - **The COE submitted modified tables from the upcoming O&M manual on November 4. These need to be put in a different format prior to the LCRBDC submitting to the city of Gary (as requested by Spike Peller)**
- E. 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.
 - **A meeting will be scheduled with the HSD to review our final proposal for agreement for the S.E. Hessville Pump Station.**
- 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 27th, 2003.
- LCRBDC received revised legal descriptions for this 12' temporary easement on October 24th, 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.
 - 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. A letter was sent to INDOT on November 3 indicating some concerns with wording in the INDOT ROE request.
- G. The LCRBDC received information from our insurance company that the only remaining demolition in the East Reach Remediation area is not insurable.
1. Mr. Askew requested at our November 5 Board meeting to rent the barn on this property from us to stable his horses. Without insurance, we need to do demolition. LCRBDC to write letter denying his request.
- H. COE letter received September 8, 2003 requesting hydric soil lands
1. LCRBDC sent a letter to the COE on October 9th, 2003, requesting consideration to use lands we own other than the 200 acres between levees between Chase and Grant for hydric soils.
 2. **A field meeting was held with Marty Maupin (IDEM), Greg Moore (COE) and Jim Pokrajac (LCRBDC) on November 20 to review LCRBDC lands to see if they may be used for mitigation.**

- The only area that could be acceptable is an 85 acre parcel west of the Chase Street "in project" mitigation area.
- Some additional soil analysis needs to be done and some minor culvert and berm installations.

I. An Environmental Committee meeting was held on October 23rd, 2003, with Spencer Cortwright (Associate Professor of Biology at I.U. Northwest).

1. Steve Davis presented a list of nine (9) items regarding concerns of DNR in reference to native plantings on levees.

- The COE responded to these concerns on November 19.
- A thank you was sent to Professor Cortwright on November 13 which also afforded him the opportunity to review and comment on the Landscaping Phase II 50% plans and specs.

5-9
10

J. A kick-off meeting was held on October 29 at the Gary Sanitary District with the Gary Storm Water Management District.

- The purpose was to review a comprehensive approach to the drainage problems in Gary.

ITEM #4

Sandy Mordus

From: <Imad.Samara@lrc02.usace.army.mil>
To: <smordus@nirpc.org>; <Imad.Samara@lrc02.usace.army.mil>
Sent: Tuesday, November 04, 2003 1:07 PM
Attach: Garyclosure.xls; garyclosure1.xls
Subject: RE: Note from Jim Pokrajac

See Response below

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

From: Sandy Mordus [mailto:smordus@nirpc.org]
Sent: Thursday, October 30, 2003 11:22 AM
To: Samara, Imad LRC
Subject: Note from Jim Pokrajac

Imad:

At our upcoming Commission meeting on November 5, there are three (3) outstanding issues on the agenda that still need to be addressed by you. They are as follows:

1. Response from you regarding road closures during flood events[Samara, Imad LRC] Working on it I thought a list of these closures are part of the O&M Manual that we submitted to you. But have updated the O&M manual the attached files are the updated tables.
2. Response from you regarding follow-up of investigation of settlement gages[Samara, Imad LRC] In a letter to you I did address the Stage II 3c settlement gage item. We are still discussing what we should do with the seetelemt gages. These settelemnt gages were installed for varifying the contractor quantities during the construction.
3. Response from you regarding a letter about levee segments that could be removed from the floodplain when construction is completed in the west reach and [Samara, Imad LRC] An email response was send to you on this yesturday.
4. COE response to Commissioner Steve Davis on the memo regarding levee plantings (as discussed at the Environmental Committee meeting held on the 23rd)[Samara, Imad LRC] Greg Is preparing a response. He will get the response to you by the end of this week.

Jim Pokrajac, Agent
Land Management/Engineering

11/4/2003

TABLE A-11
CLOSURE ACTION BASED ON GRANT STREET GAGE DATA

FLOOD ELEVATION ATTAINED		ALERT ELEVATION AT GRANT STREET GAGE (feet, NGVD)	TOP-OF-CLOSURE ELEVATION (feet, NGVD)	CONSTRUCTION STAGE PHASE	CLOSURE STRUCTURE ACTION
INVERT ELEVATION (feet, NGVD)	ALERT ELEVATION (feet, NGVD)				
595.0	594.0	594.5	597.8	Stage II Phase 1	Install Sandbag Closure: North Levee, At Eastbound I-80/94 to Southbound Broadway Off-ramp
594.0	593.0	593.5	597.5	Stage II Phase 1	Install Sandbag Closure: North Levee, At Eastbound I-80/94 from Northbound Broadway On-ramp
598.8	597.8	597.8	602.3	Stage III	Install Sandbag Closure: North Levee, At Eastbound I-80/94 to Southbound Grant Street Off-ramp
598.8	597.8	597.8	602.3	Stage II Phase 2	Install Sandbag Closure: North Levee, At Eastbound I-80/94 from Northbound Grant Street On-ramp
600.0	599.0	599.5	602.0	Stage II Phase 3B	Install Sandbag Closure: South Levee, Georgia Street
600.4	599.4	599.4	602.3	Stage II Phase 3B	Install Sandbag Closure: South Levee, Broadway
599.5	598.5	598.5	602.3	Stage II Phase 3C	Install Sandbag Closure: South Levee, Harrison Street
600.0	599.0	See Note 3.	602.0	Stage II Phase 4	Install Sandbag Closure: North Levee, At Penn Central Railroad
593.4	592.4	591.9	596.9	Stage III	Install Panel Closure: North Levee, At Chase Street
596.1	595.1	594.6	598.0	Stage III	Install Panel Closure: South Levee, At Intersection of 35th Avenue and Chase Street
598.8	597.8	597.8	602.3	Stage III	Install Sandbag Closure: South Levee, At Grant Street

NOTES:

1. FLOOD ELEVATION ATTAINED = The flood elevation is attained and the river is still rising.
2. Closure elevation data for Broadway I-80/94 ramps will be modified when Broadway ramp reconstruction is complete.
3. A closure across the railroad under extreme flood conditions may be necessary. River stage data from the Gary gage should be used to make this closure.

TABLE A-13
CLOSURE REQUIREMENTS OF THE GARY LEVEE SYSTEM

CLOSURE STRUCTURE LOCATION	OWNERSHIP	TYPE OF CLOSURE STRUCTURE	CLOSURE HEIGHT (feet)	CLOSURE WIDTH (feet)	MINIMUM REQUIRED SANDBAGS	ESTIMATED TIME TO ASSEMBLE (hours)
* Colfax Street (N)	Gary	Sandbag	3.2	80	1920	1.7
* Calhoun Street (N)	Gary	Sandbag	3.2	90	2160	1.9
Clark Street (N)	Gary	Sandbag	3.1	60	1750	1.5
Chase Street (N)	Gary	Panel	4.8	50	Panels	3.50
35th Avenue (S)	Gary	Panel	5.8	35	Panels	3.00
Grant Street (S)	Gary	Sandbag	3.5	85	2425	2.1
I-80/94 Exit Ramp S Bound on Grant Street	Gary	Sandbag	3.5	60	1710	1.5
Grant Street E Bound Entrance Ramp to I-80/94	Gary	Sandbag	3.5	68	1904	1.7
Harrison Street (S)	Gary	Sandbag	2.8	36	1040	0.9
Broadway (S)	Gary	Sandbag	1.6	93	1000	0.9
I-80/94 Exit Ramp S Bound on Broadway	INDOT	Sandbag	2.8	90	1710	1.5
Broadway E Bound Entrance Ramp to I-80/94	INDOT	Sandbag	3.5	90	2610	2.3
Georgia Street (S)	Gary	Sandbag	2.0	60	600	0.6

LEGEND: N = North side of river, S = South side of river, N&W RR = Norfolk and Western Railroad, S = South, E = East, INDOT = Indiana Department of Transportation, * Subject to change pending project construction completion

NOTES:

1. Sandbag closure time assumes a 25 person crew for each shift, 2 sandbag stacking sites, 4 sandbag filling stations, and a production rate of 19 bags per minute. Panel closure time assumes a 4 person crew, portable electrical generator, and power tools.
2. Mobilization time of 2 hours or more should be assumed.
3. Panel closure supplies are stored at the business located at the corner of Chase Street and 35th Avenue.
4. Earth material is to be stockpiled near each road.



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

November 3, 2003

Mr. Ted Elmore
Chief Acquisition Specialist
Land Acquisition Division
IN Dept. of Transportation
100 N. Senate Avenue, Room N955
Indianapolis, Indiana 46204-2219

Re: Project IM-80-1 (158)
Highway I-80/94, Lake County

Dear Ted:

In response to your letter of October 24 enclosing the revised legal descriptions for your right-of-entry south of I-80/94 and the documents for securing this temporary grant, I have reviewed them with the Commission's attorney, Louis Casale, and he would like to make the following changes in the Temporary Highway Easement Grant:

- He would like to add the following statement at the end of first paragraph: "Grantee shall hold harmless and indemnify Grantor from any and all claims, actions, liability or suit that might arise as a result of the highway project, except as caused by the negligence of Grantor."
- On page 2 of the Easement Grant, he would propose to eliminate the first 2-sentence paragraph as being non-applicable. (If it is a temporary easement, it would revert back to the Development Commission upon completion of construction and any features that are presently on the easement would remain in the ownership of the Development Commission.)

Our attorney found no objections to the format for the Donation Agreement (Without Offer).

Will you please make the appropriate changes and re-submit them to us in order that we may submit them for approval at our upcoming Board meeting on Wednesday, November 5. If you have any questions regarding these requests for change, please call me at the above number.

Sincerely,

James E. Pokrajac, Agent
Land Management/Engineering

/s/jm
cc: Lou Casale, LCRBDC attorney

4



REPLY TO
ATTENTION OF

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

19 November 2003

Planning Branch

Mr. Steve Davis
Lake Michigan Specialist
Indiana Department of Natural Resources
Division of Water
100 West Water Street
Michigan City, Indiana 46360

RE: Response to your 20 October 2003 list of questions concerning landscaping with native plant species on Little Calumet River flood control project levees.

Dear Steve,

This letter contains my responses to questions from you and other IN-DNR staff members concerning Little Calumet River levee landscaping with native plant species. I have reproduced your questions here and have answered them in the order you presented them. I have also attached your original memorandum as reference for those on the Copies Furnished list.

Question 1. Use of native plantings is not a typical approach. IN-DNR Division of Water staff is not aware of any long term performance information. It should be approached with caution.

Answer 1. In addition to the contacts that you provided in your memorandum (Van Shipley, Louisville USACE, 502/315-6877; Steve Ballman, Muncie, Indiana Levee Maintenance Superintendent, 765/747-4842), I also reached Alan Wade (507/452-1362) of Prairie Moon Nursery in Winona, Minnesota, who worked on a USACE levee native landscaping project in the city of Houston, Minnesota.

I was unable, after several tries, to reach Mr. Ballman to discuss specific native levee landscaping maintenance issues with him, but I did finally reach his assistant. Mr. Ballman will return to the office on 17 November if you have any follow-up questions that you would like me to check out for you.

Mr. Ballman's assistant said that the Muncie project was installed about three years ago, and has been improving each year, which makes sense because native plants spend the first two or three years of their lives putting down root growth. Current maintenance consists of annual spring burning. She said that they did experience erosion problems, in areas that were not planted with natives.

Mr. Shipley has been away from the Muncie project for a while, so he was unfamiliar with specific management issues, but he was involved with the design, implementation and early establishment of the project. He was impressed with plant stability and hardiness and their ability to control erosion, as well as the aesthetics of the project. He said that he couldn't imagine why anyone would not want to use native species for levee landscaping.

The Houston, Minnesota project covers nearly 30 acres of levee together with a 3 acre savanna and wetland restoration near the levee, but off the dike. There was early opposition to the project by adjacent residential property owners, but the city soon embraced the project. They acquired a nearby abandoned railway, converted it into a bike trail, and built a nature center and picnic area where the bike trail and levee intersect. The nature center supplements its income by collecting and selling native seed.

Mr. Wade observed some interesting results due to the diversity of the seed mix used on the Houston, Minnesota project. Even though the same (diverse) seed mix was used throughout the project, as the planting progressed, it appeared as if the design consisted of three separate seed mixes. On the north-facing levee slopes, the more mesic component of the mix was favored, while on the lower south-facing slopes the more dry-mesic species predominated.

There was another interesting occurrence on the upper south-facing slopes. Early in the establishment period, it appeared as if most of the plants from the levee crest down approximately 25 feet had died. It turned out that these plants had gone dormant during a severe drought. When the drought ended and rains resumed, the xeric, short grass members of the seed mix emerged strongly. These included such species as little bluestem (*Andropogon scoparius*), side oats grama (*Bouteloua curtipendula*), June grass (*Koeleria cristata*) and prairie dropseed (*Sporobolus heterolepus*).

Even when the species of the upper south-facing slope were dormant, Mr. Wade did not observe any erosion. The network of roots, even in this relatively early stage of establishment, was sufficient to support the plants and hold the soil in place. Also, the planting appears to be continually changing. Different plants become more or less prominent as seasons progress and climatic conditions change, adding both stability and aesthetic interest.

Q2. "the concept of "out of site out of mind" Over a period of years the importance of levee structural maintenance may be lost because the levee does not look like a well maintained flood control structure anymore. In our experience with dams, overgrowth of vegetation over the years has caused local officials, unfamiliar with the structure, to mistakenly think the structure was just a part of the natural landscape and not an engineered fill.

A2. There are several ideas in this comment that I need to address. Let me deal with the "out of sight out of mind concept" first. There will be an Operation and Maintenance (O&M) Manual that will require periodic levee inspections according to specific schedules and procedures. These inspections, and any necessary repairs, will be carried out regardless of whether the vegetation growing on those levees is native or exotic. Aesthetics have nothing to do with maintenance or repair schedules. Speaking of aesthetics, the Little Calumet River levee landscape project will be the product of intensive planning, design and maintenance with the intention of emulating a specific plant community native to northwest Indiana. It absolutely will not be the type of default assemblage of weedy exotic plants, a product of neglect, that you may have seen on other types of water control structures. Finally, I do not see anything wrong with a levee structure appearing to be a part of the natural landscape and not an engineered fill, so long as routinely scheduled inspections, and any necessary repairs, are made.

Q3. Tall plants prevent easy viewing of the levee surface.

A3. The city of Muncie inspects their levees several times each year. A state agency (Mr. Ballman's assistant did not have contact information. If necessary, I can get it for you when Mr. Ballman returns on 17 November) inspects the levees once each year. Even though Muncie manages its levees by means of annual spring burns, these inspections routinely occur when the prairie plantings are in full growth. Neither city of Muncie nor State inspectors had complaints with respect to native vegetation hindering their inspections.

If those charged with inspecting Little Calumet River levees, for some reason, needed to perform their inspections with the vegetation off, this could easily be accommodated. Native prairie species will be regularly burned, which will expose the levee surface, as well as any animal burrows, erosion areas or other structural problems, very clearly. If for any reason a burn cannot be scheduled, the native plantings can be mowed in either spring or fall. Mr. Shipley noted that with fall mowing on some of his projects, local farmers would mow the levees free of charge if allowed to bale and keep the hay. Mr. Wade has a preference for spring mowing for aesthetic reasons, but also because the standing native vegetation provides food and cover for wildlife over the winter months.

According to the city of Muncie, standing native vegetation in no way hinders either their levee inspections or State levee inspections. They have found that neither burning nor mowing is necessary for them to perform their inspections. My opinion is that if turf grasses were used instead of native species for levee landscaping, they probably would need to be mowed in order to expose potential levee structural failures. They are sod formers and also tend to fall over with wind and rain as they grow taller. But their limited root systems cannot provide nearly the level of protection afforded by the natives.

Q4. Extra vigilance and more intensive inspection time would be required to adequately search for obscured deficiencies.

A4. First of all, as anyone who owns a lawn knows, turf grasses are not maintenance free. They

require regular mowing, fertilizing, watering, weed control, pest control and reseeding. These activities require not only time, but materials as well. Any additional time required to inspect levees planted with natives would almost certainly be offset by these activities and their associated expenses. But the natives can be burned every year if time and resources permit. The newly burned native vegetation would clearly reveal any structural problems much more clearly than even newly mowed turf grass. This would serve to speed up the inspection process, rather than slow it down. If annual burning is not feasible for any reason, spring or fall mowing of the native plantings could be performed if necessary to help reveal any structural deficiencies.

Q5. Native vegetation could hide signs of erosion or entrances of burrowing animals

A5. Answers A3 and A4 apply here as well. Animal burrows and their associated mounds of soil become readily apparent following a prescribed burn. Again, if annual burning is infeasible for staffing, budgetary or any other reason, spring or fall mowing could be performed if necessary to help reveal any evidence of animal burrows.

Q6. The periodic burning of native species, for the purpose of keeping the native plants healthy and to keep woody species down, leaves the levee surface bare of vegetation during the recovery or regrowth period, potentially subjecting the levee surface to increased erosion potential.

A6. Actually, the Question 6 premise is incorrect. Burning does not leave the levee surface bare of vegetation until growth resumes. A large proportion of the biomass of native plants, often up to 80-90% or more, depending upon species, is below ground. Once established, there will be an extensive network of roots and rhizomes in place to hold levee topsoil in place, certainly better than any Eurasian turf grass variety would be able to do.

Q7. Increased erosion potential may be a bigger concern at the designed overtopping or spillway areas.

A7. The extensive network of roots and rhizomes discussed under Answer A6 is relevant to this question as well. The root systems that will serve to hold levee topsoil more effectively will also serve to more effectively hold topsoil in place in overflow or spillway areas. Of course, we can't guarantee that a native levee landscape will never wash out, any more than we can guarantee that the levee itself will never wash out. But we can say that an established native levee landscape planting will be significantly more capable of withstanding a spillway overtopping event than a turf grass planting would.

Q8. Extra review and specific rewrite of the O&M Manual would be needed to address the maintenance practices specific to the native planting areas.

A8. I agree. We are aware of this and have been discussing it. We will rewrite the O&M Manual to cover native levee landscape management and maintenance.

Q9. These concerns apply specifically to the slopes and crests of the levees, not to the overbuild/planting zone areas, areas between the levees, or areas outside the levees.

A9. Understood.

I hope these responses address your questions and concerns, Steve. If not, please feel free to call me at 312/846-5586 or e-mail me at gregory.moore@lrc02.usace.army.mil.

Sincerely,

Greg Moore
Plant Ecologist

ATTACHMENT: 20 October 2003 Memorandum from Steve Davis.

COPIES FURNISHED: Louis Casale LCRBDC
Jomary Crary IN-DNR
Spencer Cortwright IU-NW
Dan Gardner LCRBDC
Mark Reshkin LCRBDC

Sandy Mordus

From: "Sandy Mordus" <smordus@nirpc.org>
To: "scortwr" <scortwr@iun.edu>
Sent: Thursday, November 13, 2003 4:37 PM
Subject: Environmental meeting held 10/23

Spencer:

First of all, on behalf of the Little Calumet River Basin Development Commission, I would like to thank you for making your slide presentation and providing your knowledge on plant communities in northwest Indiana. As a result of this meeting, I wanted to afford you the opportunity to provide written comments to the Army Corps of Engineers regarding their current 50% plans for our Landscaping Phase 2 project. Although some of this was discussed at the meeting, the Army Corps procedure requires that you submit questions or suggestions to those plans and specifications in writing.

Also, if you can email your fax number back to me, I will fax you the IDNR letter listing the 9 comments from our meeting, as presented by Steve Davis from IDNR. It was my understanding from the meeting that you were going to coordinate these concerns with Greg Moore. If you have any questions or need any additional information from me, please let me know and I will be happy to try to help you.

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

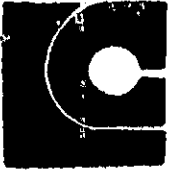


Budget Transfer

- Transfer \$200,000 from Budget Line 5860 (Project Land Purchase Expenses) to Budget Line 5840 (Professional Services) to cover November and December expenses.

Rationale: The increased activity brought about by the \$7 million State appropriation, the \$5 million released by the State Budget Committee in August and the very tight schedule to meet land/easement availability for construction lettings has required added professional services above what was contemplated at the start of the year when the budget was passed.





WORK STUDY SESSION
ENGINEERING COMMITTEE

December 3, 2003

Bob Huffman, Committee Chairman

1. Pump Station 1A progress meeting held on November 21.
 - Second pump should be installed no later than December 5, 2003. (Refer to attachment for current status and minutes of meeting).
2. Utility coordination meeting for Stage VI-1 (Cline to Kennedy) held with the COE on November 18.
 - All utility re-location, or utility coordination, has been identified in Hammond and Highland. (See pages 3-6 of attachments to the monthly Engineering status report).
 - The original estimate for costs for re-locations (based upon the COE FDM5) was approximately \$375,000. Much of this cost will be included in the contract and we anticipate less than \$100,000 in re-location costs will be the responsibility of the LCRBDC.
 - Agreements with each municipality or utility will be started soon.
3. Final plans for review (100% BCOE) for Stage VI-1 (Cline to Kennedy), Stage VI-2 (Liable to Cline, south of the Little Calumet River), and Burr Street Phase 2 (Colfax to ½ mile east of Burr Street) are projected to be distributed for final comments by early February, 2004.

Sandy Mordus

From: <Robert.A.Craib@lrc02.usace.army.mil>
To: <littlecal@nirpc.org>
Cc: <Victor.P.Gervais@lrc02.usace.army.mil>; <Douglas.M.Anderson@lrc02.usace.army.mil>
Sent: Wednesday, December 03, 2003 10:15 AM
Subject: RE: Phase 1A - Baring Ave pump station

Hi Jim,

I have just faxed you copy of the November 21, 2003 Phase 1A Progress Meeting minutes. I hope it contains the information you are looking for.

As we discussed this morning, I will update the current status of the first paragraph (see below) in my message sent to you on November 21, 2003.

1. The SWP-2 discharge pipe has not been returned/received from the cement lining facility. It is expected to be delivered to the station on December 4 or December 5. Once delivered, it should probably take 6 hours to bolt it in place.
2. The SWP-2 (pump, and motor) is still scheduled to be started up (dry tested) on December 4, 2003 (tomorrow).
3. The two bright orange standby pumps (eye sore) will be removed from the station as soon as SWP-2 is capable of pumping water.

Thanks,
 Bob

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

From: Craib, Robert A LRC
Sent: Friday, November 21, 2003 3:06 PM
To: Jim Pokrajac (E-mail)
Cc: Samara, Imad LRC; Gervais, Victor P LRC; Anderson, Douglas M LRC
Subject: Phase 1A - Baring Ave pump station
Importance: High

Jim,

During discussions with you this morning, you basically asked, "When will the Baring Ave. pump station be at full pumping capacity?" As we discussed, there are two Storm Water Pumps (SWPs) at this station. The new SWP-1 is currently installed and fully operational. Per Overstreet, the new SWP-2 (the last pump) is currently installed and its discharge piping has been sent to a facility for a cement lining to be applied. The discharge pipe should be completed and installed on the pump in about a week. The new SWP-2 motor is to be delivered to the station on November 24, 2003 and installed shortly thereafter. The entire SWP-2 (pump, motor, piping, etc.) is scheduled to started up and made operational on December 4, 2003.

You have also basically asked, "How can USACE put more "teeth" in contracts to ensure performance of contractors?" You also expressed a desire to have a meeting some of our Chicago District folks regarding future contracts. I have discussed these concerns with Vic Gervais and we will contact our Project Manager, Imad Samara. We will ask him to meet with the appropriate Chicago District personnel so that they can address your concerns. We will ask Imad to contact you ASAP.

12/3/2003

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

REPLY TO
ATTENTION OF

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

November 28, 2003

C-0066

SUBJECT: Contract No. DACW27-01-C-0001
Pump Stations Rehabilitation, Phase 1A
Hammond Sanitary District
Transmittal of Meeting Minutes for the
November 21, 2003 Project Progress Meeting

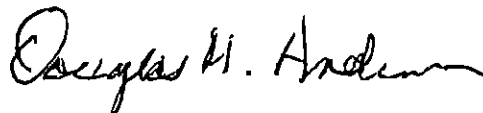
Mr. Morgan Overstreet
Overstreet Electric Co. Inc.
4220 N. Davis Highway, Bldg. B.
Pensacola, FL 32502

Dear Mr. Overstreet:

Enclosed is a copy of the minutes from the above-referenced project progress meeting. If you have comments on the minutes, please notify me within 48 hours of your receipt of this correspondence.

If you have any questions regarding this matter, please feel free to call Robert Craib at (219) 923-1763 or 1764.

Sincerely,



Douglas M. Anderson, P.E.
Contracting Officer's
Representative

Enclosure

Copies Furnished:

CELRC-TS-C-S (File)
CELRC-TS-C-C (D. Albert)
→ CELRC-TS-C-S (R. Craib)
CELRC-TS-C-S (D. Anderson)
CELRC-TS-C-S (V. Gervais)

PUMP STATIONS REHABILITATION - PHASE 1A
DACW27-01-C-0001

Agenda M: H,
PROGRESS MEETING
November 21, 2003

1. Attendees:

USACE: Robert Craib
Doug Anderson
Eric Strom

Overstreet: Morgan Overstreet
Ed Harris
Joe Brewer

Hammond SD: John Devine

LCRBDC:

2. Phase 1A Progress: * Actual: 72% (\$3,487,205.15) Projected earnings for November: TBD see item 7L

Original Contract Completion Date: 3 October 2002
Current Required Completion Date: 1 December 2003**

Original Contract Amount: \$4,638,400.00
Current Contract Amount: \$4,859,564.85**
Obligated Amount: \$3,543,562.76**
Earnings To Date: \$3,487,205.15*
Paid To Date: \$3,462,305.15*

* Thru September 29, 2003, Contractor's Pay Estimate No. 22.
** Thru Modification A00011 and P00015

3. Baring Ave Pump Station

Work Since Last Meeting:

- a. Worked on Installation of SWP#2.
- b. Installed 2 ladders, 2 more to go.
- c. HVAC work continued.

Work Expected or Scheduled Within in the Next Two Weeks:

- a. Complete installation of SWP-2. Startup is scheduled for Dec 4.
- b. Complete HVAC work.
- c. Finish ladder installations.
- d. Begin site restorations.
- e. Install/demo electrical work.

4. Hohman Ave. Pump Station

Work Since Last Meeting:

- a. Hung Cominutor spare parts box.
- b. Service call on DWP-1 motor.

Work Expected or Scheduled Within in the Next Two Weeks:

- a. Cominutor level switch.
- b. HVAC work will continue.
- c. Grab bars of discharge box.

5. Walnut Ave. Pump Station

Work Since Last Meeting:

- a. Demo pump bases for SWP 1, 2, & 3.
- b. Installed hatch.

PUMP STATIONS REHABILITATION - PHASE 1A
DACW27-01-C-0001

Agenda M.H.
PROGRESS MEETING
November 21, 2003
(Continued)

Work Expected or Scheduled Within in the Next Two Weeks:

- a. Continue pump base work.
- b. Schedule pump installation for SWP-1, 2, and 3.

6. South Kennedy Pump Station

Work Since Last Meeting:

- a. Work on exterior stair nosings.
- b. Work on Grating.

Work Expected or Scheduled Within in the Next Two Weeks:

- a. November 25, SWP-4 factory test.
- b. Potentially start fence work.

7. Old Business:

- a. Request for deficiency tracking letter was sent 10-20-03. Received deficiency tracking list at this meeting.
- b. Overstreet previously indicated that Baring work should be done by December 1, 2003. Now, startup of SWP-2 is scheduled for December 4th and work on the pump station should be done by the end of December.
- c. Overstreet previously estimated the rebuilt Walnut Ave. pumps would be installed by Dec 24, 2003.
- d. Last meeting Overstreet indicated costs were involved regarding RFI-0001-022 (re-wiring unit heaters). The Corps subsequently notified Overstreet to install unit heaters per the contract.
- e. Field Change SS026 – delete Baring Ave. discharge box grade beam, was issued on September 19, 2003. Overstreet gave proposal at the meeting.
- f. An Overstreet employee, while wearing safety glasses, got debris in his eye. Not a lost time accident. The employee went to the doctor. Overstreet submitted an accident report (ENG 3394) covering the incident.
- g. Rebuilt pump #4, from Kennedy, will be installed by Dec 9 if it passes testing.
- h. The permanent electrical conductors have not been installed for the flow meter and chart recorder at the Hohman station.
- i. Overstreet has not located an acceptable ultrasonic level flow sensor for the comminutor at Hohman.
- j. Overstreet ordered motor bolt-down bolts for DWP-1 at Hohman.
- k. Standby pump modification – Overstreet will provide cost data when it is available.
- l. Last meeting it was discussed that the most recent progress schedule submittal shows that Overstreet will not complete work by the contract completion date of December 1, 2003. The Corps sent a letter to Overstreet on October 7 requesting Overstreet to inform the Corps of the steps that will be taken to improve progress. Overstreet responded with a letter dated November 3, 2003. Paul Perkins stated that he would prepare next pay estimate and schedule a meeting with the Corps to finalize the pay estimate. Once the pay estimate is finalized then Overstreet plans to use the info to revise the progress schedule. A meeting to review the pay estimate had not yet been requested by Overstreet as of the meeting date. It was agreed at the progress meeting to meet /conference call, on Wed November 25 at 9:00 AM to discuss the schedule and pay estimate.

PUMP STATIONS REHABILITATION - PHASE 1A
DACW27-01-C-0001

Agenda M.M.
PROGRESS MEETING
November 21, 2003
(Continued)

- m. At a previous progress meeting, the pump bases for pumps 1, 2, and 3 at the Walnut Ave. pump station were discussed. Overstreet stated they would contact the COE and provide an inspection date. An inspection was performed by COE on October 20, 2003. A letter was sent indicating bases are suitable to build on. Overstreet has since cut the remaining bases down and evaluated further. They will request an anchor bolt inspection as soon as they have completed evaluations.

8. New Business:

- a. New Hohman Ave. pump controller settings were sent to Overstreet. Overstreet will follow up with Gasvoda.

9. Submittal Status:

Outstanding Submittals:

- See attached register copies. Attached are a complete submittal register and a register identifying only outstanding submittals.
- a. Factory test results of new motors for rebuilt pumps at Walnut including pump #5 at S. Kennedy, which has been recently commissioned. Overstreet stated they would check and work with Bob to clear up confusion.
- b. Ensure all 15100 section submittals are completed.

10. Modifications/Field Changes:

P00001 - Administrative - Transfer of contract from CELRL-CT to CELRC-CT.
P00002 - Field Change FC-01.03 - Administrative - \$400,000.00 Funding
P00003 - Field Change FC-01.02 - Partnering Conference, Government's Share - \$1,592.50
P00004 - Field Change FC-01.04 - Administrative - De-obligate (\$170,000.00)
P00005 - Field Change FC-01.05 - Administrative - \$464,087.50 Funding
P00006 - Field Change FC-01.06 - Equal Access to Justice Act Settlement - \$35,912.50
P00007 - Field Change FC-01.07 - Administrative - \$100,000.00 Funding
P00008 - Field Change FC-01.09 - Administrative - \$100,000.00 Funding
P00009 - Field Change FC-01.08 - Walnut Ave Fairbanks Pump Refurbishment - \$21,273.47
P00010 - Field Change FC-01.10 - Administrative - \$100,000.00 Funding
A00002 - Field Change FC-01.12 - Administrative - \$500,000.00 Funding
A00003 - Field Change FC-01.13 - Administrative - \$500,000.00 Funding
A00004 - Field Change FC-01.01 - South Kennedy Trash Rack Structure - \$16,993.52
A00005 - Field Change FC-01.14 - Replace Hohman Ave. Seal Water Pump - \$29,000.00
A00006 - Field Change FC-01.11 Baring Ave Float Tube, FC-01-12a Baring Underground Service, FC-01-15 Walnut Sediment, FC-01-16 Walnut Trash Rack, FC-01-17 Relocate Hohman Roof Drain, FC-01-18 South Kennedy Slab, FC-01-19 Overload Relay & Leak Indicator Power Connection, FC-01-21 Conduits Between MCC and Pump Controller - \$67,652.80
P00011 - Field Change FC-01.20 - Administrative - \$600,000.00 Funding
A00007 - SS016 - Time Extension for Union Picketing - No Cost
P00012 - SS017 - Administrative - \$150,000.00 Funding
A00008 - Field Change SS018 - Pump Impeller Change Out - \$38,915.30

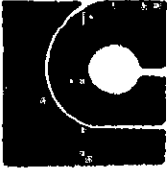
**PUMP STATIONS REHABILITATION - PHASE 1A
DACW27-01-C-0001**

***Agenda* MIN.
PROGRESS MEETING
November 21, 2003
(Continued)**

- P00013 - SS022 - Administrative - \$500,000.00 Funding.
- A00009 - SS019 - Lighting Panel Relocation/ Baring Ave, and SS021 - Valve Replacement/Hohman - \$5,579.68.
Modification complete.
- P00014 - SS024 - Administrative - de-obligate of \$150,000.00 - Complete.
- A00010 - SS023 - NPSH time extension - Adds 129 calendar days - Complete
- A00011 - SS020 - New Handrail on Johnson Pump Discharge/South Kennedy - Adds \$4,245.08 - Complete.
- P00015 - SS025 - Administrative - \$160,000.00 Funding
- SS026 - Delete Baring Ave. discharge box grade beam - Corps is evaluating contractor's proposal.

It was discussed, and agreed to meet twice a month

The next progress meeting will be on **Thursday December 11, 2003 at 9:00AM** in the Calumet Area Office.



Little Calumet River Basin Development Commission

WORK STUDY SESSION

DECEMBER 3, 2003

OPERATION AND MAINTENANCE

Bob Huffman, Committee Chairman

OPERATION AND MAINTENANCE

1. R. W. Armstrong anticipates a preliminary completion of manpower/cost information for review of Stage II-3C (Grant to Harrison) no later than December 15.
 - This will be distributed to each member of the O&M Committee, and other interested Commissioners, for comments.
 - After receipt of comments, a meeting will be scheduled for the O&M Committee to finalize the format.
 - Once established, we will complete all other Gary segments and begin discussions with Gary about their accepting some of these responsibilities.
2. GSD conference call regarding water quality and other remaining technical issues has been pursued.
 - A meeting will be scheduled with city of Gary (Jim Meyer) and IDEM to review this water quality issue.

*Dep -
summary for
sheet of pump station
issue*



Little Calumet River Basin Development Commission

WORK STUDY SESSION

DECEMBER 3, 2003

LAND MANAGEMENT

Arlene Colvin, Committee Chairperson

LAND MANAGEMENT

1. 2004 Farm Leases:

- Meetings were held with both high bidders in the Chase to Grant area - between levees (Tim and Ed Bult), and outside the levees (Don Ewen).
- Agreements have been structured to monitor pump hours for crediting and also to not impact each other by pumping.



WORK STUDY SESSION
3 December 2003

LAND ACQUISITION COMMITTEE
Arlene Colvin, Chairperson

1.) There is one increased offer:

DC 1010-E Motel 6 in the Kennedy Industrial Park. The landowner is disappointed with the \$25,250 offer (\$250 for the permanent levee easement and \$25,000 in damages). The damages are for a wood privacy fence, two light standards, an outside storage area, and one parking space. The site measures 2.4 acres and we are acquiring .111 acres. The Corps has allowed a 15% increase to be creditable.

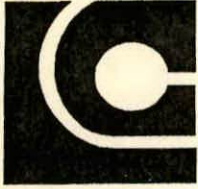
We respectfully ask for an increased offer to \$29,037.50 for DC 1010-E

- 2.) We've spoken with Mr. William Spatz of Hammond Center Associates Limited Partnership (DC 1173 in Stage V-2). He wants to donate 5 acres of his property to the project by the end of this year. The five acres are needed for a permanent and temporary work area easement and are located south of the K-Mart area in Hammond. We have identified the land and ordered title work. An appraisal for crediting purposes can be completed at a later date. We anticipate acquiring the land.

*On Virginia's
\$25,000 from appraisers
have we drawn money?*

*motion to
offer 15% higher
on condemn*

*motion to
accept donation*



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

LCRBDC EXECUTIVE SESSION

4:00 – 5:00 p.m. December 3, 2003

TOPICS

1. Status of Request for Administrative Review regarding Permit #FW16,167 (July 1995)
2. Update on Real Estate Acquisition/Litigation for West Reach Segment VI-1 (Hammond/Highland) and Burr Street Segment (Gary)

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: 12-3-03

LOCATION: 6100 Southport Rd. CHAIRMAN: Arlene Colvin

PLEASE SIGN IN

	NAME (PLEASE PRINT)	ORGANIZATION, ADDRESS, PHONE NUMBER
1	Don Ewoldt	LEL
2	Sandy O'Brien	Hobart
3	Kelsey Waggoner	Dischsky's
4	Jonary Cravy	DNR
5	Joseph Asken	1165 Harrison Blvd Gary
6	PATT Russell	1165 HARRISON BLVD GARY
7	Imad Samara	
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LAND ACQUISITION REPORT
For meeting on Wednesday, December 3, 2003
(Information in this report is from October 28 – November 25, 2003)

STATUS (Stage III) – Chase to Grant:

1. Six landowners want to complete their acquisitions. Appraisal has been approved by the COE. Title work is coming in. Offers are being mailed.
2. Landowners are asking for increases. **(Ongoing)**

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. **He has asked for an extension on the turn-around time due to an overload of business clients.**
3. **Appraisal will be submitted in December 2003.**

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”.
3. **A meeting with Woodmar County Club is scheduled on December 4 to review the status of the engineering and explore possible mutual interest in the acquisition process.**

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

1. We met with the appraiser for the old Burger King property and the Déjà Vu owners (same owners) on September 8, 2003. A new appraisal encompassing both properties must be completed under USPAP (Uniform Standards of Professional Appraisal Practice) rules. **Appraisal will be completed by mid-December.**
2. A permanent roadway permit was sent to INDOT on September 19, 2003 for approval.
 - The roadway permit was sent to Indianapolis. INDOT Land Acquisition is reviewing our request.

3. Condemnation hearing for DC1011-C (Best Western Motel) was held on November 19. Court appointed appraisers will be sworn in on December 4 and return with appraisal on January 9, 2004.
4. LCRBDC counsel has been informed that legal briefs on the Krosan (DC1015) condemnation will be available in 7-10 days.
5. We received a letter from Accor North America (Motel 6 in the Kennedy Industrial Park) expressing concerns about our offer and easements.
 - The Accor (Motel 6) letter and map were sent to COE on November 11, 2003 for their review and response.
6. Last of the residential appraisals (DC1032) was sent to COE for appraisal review on 10/16/03. COE reviewer has requested changes which were mailed to the reviewer on November 24, 2003. 2-3
7. The offer on DC1010-F (Super 8 Motel) has been verbally accepted. Title requirements must be fulfilled before the signed offer can be accepted. (Ongoing)
8. New assessments have been mailed to landowners. In some instances, new land values are much higher than previous values. Higher land values may result in landowners asking for higher increased offers than previous.

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

1. Stage VI-2 is under way. All surveys are scheduled to be completed by December 15, 2003. At Real Estate meeting with the COE, it was discussed to hire an appraisal company with several appraisers to complete the appraisals simultaneously. Deadline is spring of 2004.
 - We will be interviewing Integra Appraisals of Chicago for an estimate to complete the entire Stage VI-2 appraisals when surveys are completed.

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. Remaining Burr Street levee acquisitions are in the works.
2. Mansards Apartments (DC603) and I-80/94 Auto Parts appraisals are complete. All new information was delivered to attorney to prepare updated offers to be hand-delivered to landowners. 4-5
3. New assessments have been mailed to landowners. In some instances, new land values are much higher than previous values. Higher land values may result in landowners asking for higher increased offers than previous.
4. DC584 is on tax sale. Attorney will call owner's attorney to investigate how to acquire the property.
 - LCRBDC attorney has contacted landowner's attorney and deeds are being prepared for land sale.

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

1. Four properties (DC 574, 798, 799, 810) bought on tax sale were recorded on November 12, 2003. Lake County Commissioners issued 2 duplicate deeds (DC739 and 747) for properties they transferred to us but did not inform us of the transfer.

IN-PROJECT MITIGATION:

1. Acquisition on in-project mitigation is complete. Construction started March, 2003 and we anticipate completion by **February, 2004.**
 - Renewable Resources is the contractor.

CREDITING:

1. The COE appraisal reviewer is requiring a survey or copy of the real estate drawing on appraisals for property acquired before the LCA signing date of 9/26/90. We are complying in order to receive credit for these lots. **(Ongoing)**



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

11 November 2003

EMERSON DELANEY, Vice Chairman
Governor's Appointment

Mr. Imad Samara, Project Manager
Army Corps of Engineers
111 North Canal Street
Chicago, IL 60606

CURTIS VOSTI, Treasurer
Governor's Appointment

ROBERT MARSZALEK, Secretary
Governor's Appointment

GEORGE CARLSON
Mayor of Hammond's
Appointment

Dear Imad,

STEVE DAVIS
Dept. of Natural Resources'
Appointment

RE: DC 1010-E Motel 6 construction concerns

ROBERT HUFFMAN
Governor's Appointment

Attached to my letter today is a letter and map from Mr. Randy Lee, Vice-President of Real Estate and Development of the Accor North America Corporation. This is the Motel 6 in the Kennedy Industrial Park in Stage VI-1.

MARK LOPEZ
Lake County Commissioners'
Appointment

JOHN MROCZKOWSKI
Governor's Appointment

Mr. Lee is concerned about physical issues that would impact the motel at levee construction time. Appraisal issues have already been addressed in the appraisal and I have called Hammond Zoning Manager Don Novak and learned that the loss of the parking spaces is considered a legal non-conforming use if the spaces were removed for a public works project.

DR. MARK RESHIN
Governor's Appointment

CHARLIE RAY
Porter County Commissioners'
Appointment

Would you please have the Corps engineering department review the map and Mr. Lee's engineering concerns and respond to me in writing? Perhaps we should also discuss this acquisition at the next Real Estate Meeting.

DAN GARDNER
Executive Director

Thank you for your cooperation.

LOU CASALE
Attorney

Respectfully,

Judith (Judy) Vamos
Land Acquisition Agent, LCRBDC

Attachments:

ASSOCIATED PROPERTY COUNSELORS, LTD.

Real Estate Appraisers and Consultants

Main Office
3027 Ridge Road
Lansing, Illinois 60438
Phone: 708-895-6767
Fax: 708-895-3834

5301 South Cicero Avenue
Chicago, Illinois 60632
Phone: 773-585-0410
www.apclimited.com

November 19, 2003

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

Re: 3337 North Drive
Highland, Indiana
Appraisal dated October 16, 2003

Dear Mr. Gardner:

At the request of Mr. Christopher Borton, Review Appraiser, Army Corps of Engineers, this letter is written to clarify the extraordinary assumptions used in the appraisal of the above referenced property. The appraisal of the above referenced property was prepared by Associated Property Counselors, Ltd., and that report was to communicate an opinion of the market value (fee interest) as of September 16, 2003.

In this instance, the provided survey did not provide measurements of the lot boundaries. The identification of the lot boundaries and easements on the lot were based on discussions with the owner, Mr. Todd Dust, and a review of public records.

In the provided report, I assumed that the subject property is a buildable site and that a construction variance, if necessary, would be granted by the municipality. According to the Highland Building and Zoning Department, the minimum lot width required for new construction is 70 feet at the building line. Although the subject site meets the required minimum lot width of 70 feet at the street, the site tapers to a smaller width at the building line. It was reported that a variance could be requested if the lot did not meet the minimum width requirements at this point. In the provided report, I assume that the variance to allow construction would be granted.

As noted in the report, the subject site is located in an A3 flood zone. The municipality reports that new construction (without a basement) is possible in an A3 flood zone when the first floor is constructed two feet above base flood elevations. In my report, I assumed that the permit to construct on the site would be granted.

*Appraiser
Amended To
Copy Remained
on DE 1032
JW
11/24/03
Typed To
Chris on
11/24/03*

[illegible]

1. The first part of the document is a list of names and their corresponding dates. The names are: "John Doe", "Jane Smith", "Bob Johnson", "Alice Brown", "Charlie White", "David Green", "Eve Black", "Frank Gray", "Grace Pink", "Henry Blue", "Ivy Yellow", "Jack Purple", "Karen Red", "Leo Orange", "Mia Silver", "Noah Gold", "Olivia Bronze", "Pete Copper", "Quinn Iron", "Rory Tin", "Sam Lead", "Tina Zinc", "Uma Nickel", "Victor Platinum", "Wendy Silver", "Xavier Gold", "Yara Bronze", "Zoe Copper", "Adam Iron", "Eve Tin", "Frank Lead", "Grace Zinc", "Henry Nickel", "Ivy Platinum", "Jack Silver", "Karen Gold", "Leo Bronze", "Mia Copper", "Noah Iron", "Olivia Tin", "Pete Lead", "Quinn Zinc", "Rory Nickel", "Sam Platinum", "Tina Silver", "Uma Gold", "Victor Bronze", "Wendy Copper", "Xavier Iron", "Yara Tin", "Zoe Lead". The dates are: "1990-01-01", "1990-02-01", "1990-03-01", "1990-04-01", "1990-05-01", "1990-06-01", "1990-07-01", "1990-08-01", "1990-09-01", "1990-10-01", "1990-11-01", "1990-12-01", "1991-01-01", "1991-02-01", "1991-03-01", "1991-04-01", "1991-05-01", "1991-06-01", "1991-07-01", "1991-08-01", "1991-09-01", "1991-10-01", "1991-11-01", "1991-12-01", "1992-01-01", "1992-02-01", "1992-03-01", "1992-04-01", "1992-05-01", "1992-06-01", "1992-07-01", "1992-08-01", "1992-09-01", "1992-10-01", "1992-11-01", "1992-12-01", "1993-01-01", "1993-02-01", "1993-03-01", "1993-04-01", "1993-05-01", "1993-06-01", "1993-07-01", "1993-08-01", "1993-09-01", "1993-10-01", "1993-11-01", "1993-12-01", "1994-01-01", "1994-02-01", "1994-03-01", "1994-04-01", "1994-05-01", "1994-06-01", "1994-07-01", "1994-08-01", "1994-09-01", "1994-10-01", "1994-11-01", "1994-12-01", "1995-01-01", "1995-02-01", "1995-03-01", "1995-04-01", "1995-05-01", "1995-06-01", "1995-07-01", "1995-08-01", "1995-09-01", "1995-10-01", "1995-11-01", "1995-12-01", "1996-01-01", "1996-02-01", "1996-03-01", "1996-04-01", "1996-05-01", "1996-06-01", "1996-07-01", "1996-08-01", "1996-09-01", "1996-10-01", "1996-11-01", "1996-12-01", "1997-01-01", "1997-02-01", "1997-03-01", "1997-04-01", "1997-05-01", "1997-06-01", "1997-07-01", "1997-08-01", "1997-09-01", "1997-10-01", "1997-11-01", "1997-12-01", "1998-01-01", "1998-02-01", "1998-03-01", "1998-04-01", "1998-05-01", "1998-06-01", "1998-07-01", "1998-08-01", "1998-09-01", "1998-10-01", "1998-11-01", "1998-12-01", "1999-01-01", "1999-02-01", "1999-03-01", "1999-04-01", "1999-05-01", "1999-06-01", "1999-07-01", "1999-08-01", "1999-09-01", "1999-10-01", "1999-11-01", "1999-12-01", "2000-01-01", "2000-02-01", "2000-03-01", "2000-04-01", "2000-05-01", "2000-06-01", "2000-07-01", "2000-08-01", "2000-09-01", "2000-10-01", "2000-11-01", "2000-12-01", "2001-01-01", "2001-02-01", "2001-03-01", "2001-04-01", "2001-05-01", "2001-06-01", "2001-07-01", "2001-08-01", "2001-09-01", "2001-10-01", "2001-11-01", "2001-12-01", "2002-01-01", "2002-02-01", "2002-03-01", "2002-04-01", "2002-05-01", "2002-06-01", "2002-07-01", "2002-08-01", "2002-09-01", "2002-10-01", "2002-11-01", "2002-12-01", "2003-01-01", "2003-02-01", "2003-03-01", "2003-04-01", "2003-05-01", "2003-06-01", "2003-07-01", "2003-08-01", "2003-09-01", "2003-10-01", "2003-11-01", "2003-12-01", "2004-01-01", "2004-02-01", "2004-03-01", "2004-04-01", "2004-05-01", "2004-06-01", "2004-07-01", "2004-08-01", "2004-09-01", "2004-10-01", "2004-11-01", "2004-12-01", "2005-01-01", "2005-02-01", "2005-03-01", "2005-04-01", "2005-05-01", "2005-06-01", "2005-07-01", "2005-08-01", "2005-09-01", "2005-10-01", "2005-11-01", "2005-12-01", "2006-01-01", "2006-02-01", "2006-03-01", "2006-04-01", "2006-05-01", "2006-06-01", "2006-07-01", "2006-08-01", "2006-09-01", "2006-10-01", "2006-11-01", "2006-12-01", "2007-01-01", "2007-02-01", "2007-03-01", "2007-04-01", "2007-05-01", "2007-06-01", "2007-07-01", "2007-08-01", "2007-09-01", "2007-10-01", "2007-11-01", "2007-12-01", "2008-01-01", "2008-02-01", "2008-03-01", "2008-04-01", "2008-05-01", "2008-06-01", "2008-07-01", "2008-08-01", "2008-09-01", "2008-10-01", "2008-11-01", "2008-12-01", "2009-01-01", "2009-02-01", "2009-03-01", "2009-04-01", "2009-05-01", "2009-06-01", "2009-07-01", "2009-08-01", "2009-09-01", "2009-10-01", "2009-11-01", "2009-12-01", "2010-01-01", "2010-02-01", "2010-03-01", "2010-04-01", "2010-05-01", "2010-06-01", "2010-07-01", "2010-08-01", "2010-09-01", "2010-10-01", "2010-11-01", "2010-12-01", "2011-01-01", "2011-02-01", "2011-03-01", "2011-04-01", "2011-05-01", "2011-06-01", "2011-07-01", "2011-08-01", "2011-09-01", "2011-10-01", "2011-11-01", "2011-12-01", "2012-01-01", "2012-02-01", "2012-03-01", "2012-04-01", "2012-05-01", "2012-06-01", "2012-07-01", "2012-08-01", "2012-09-01", "2012-10-01", "2012-11-01", "2012-12-01", "2013-01-01", "2013-02-01", "2013-03-01", "2013-04-01", "2013-05-01", "2013-06-01", "2013-07-01", "2013-08-01", "2013-09-01", "2013-10-01", "2013-11-01", "2013-12-01", "2014-01-01", "2014-02-01", "2014-03-01", "2014-04-01", "2014-05-01", "2014-06-01", "2014-07-01", "2014-08-01", "2014-09-01", "2014-10-01", "2014-11-01", "2014-12-01", "2015-01-01", "2015-02-01", "2015-03-01", "2015-04-01", "2015-05-01", "2015-06-01", "2015-07-01", "2015-08-01", "2015-09-01", "2015-10-01", "2015-11-01", "2015-12-01", "2016-01-01", "2016-02-01", "2016-03-01", "2016-04-01", "2016-05-01", "2016-06-01", "2016-07-01", "20

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

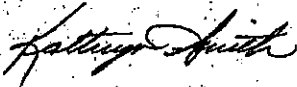
Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D).

During the inspection of the property, I noted that a paved access roadway leads to a city water pumping station located to the north of the subject site. Mr. Dust indicated that the access road is located on the east side of the subject lot. Although the lot is presently vacant, the appraisal is made based on the assumption that the owner of the lot could also use the paved drive to access any garage constructed on the site.

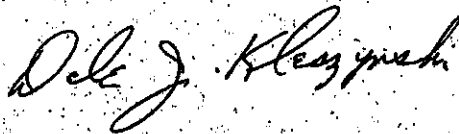
While completing the appraisal, a copy of a Title Insurance Policy Number 920022319 was reviewed. The policy references a bankruptcy that was discharged May 12, 2003. Although Mr. Dust has reported no litigation that would prevent him from selling the subject lot, the appraisal is based on the assumption that no adverse litigation impacts the marketability of the subject site.

If you have any questions, please call.

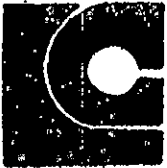
Very truly yours,



Kathryn Smith



Dale J. Kleszynski, MAI, SRA
President



Little Calumet River Basin Development Commission

MEMO

TO: Lou Casale, Attorney
cc: Angie Ogrentz, Paralegal

FROM: Judy Vamos, Land Acquisition *JV*

DATE: 21 November 2003

SUBJ: New Information on DC 603/Lake Country Trust # 4969 (Mansard Apartments)

*DC 603
Mansard
info
to
Judy*

As you are aware Burr Street Betterment Levee is "off hold" now. It is active with the anticipation of a spring deadline for acquisition, construction in 2004. The attached is new information on acquisition DC 603 to be completed.

Background:

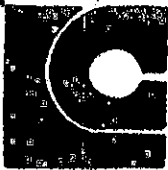
DC 603 Lake County Trust #4969 Mansard Apartments

Original Dale Kleszynski appraisal for permanent and temporary easements totaled \$1,800. Before offer was made landowner desired to sell in fee. Second appraisal by Janet O'Toole completed 24 September 2001 with fee value of \$3,800. Uniform Land Offer made 15 June 2001. Offer was rejected with two requests: an increased offer and installation of a fence to protect the north playground. LCRBDC agreed to pay for adequate fencing (6 ft chain link) and Mansards agreed to pay for any upgrade to a wooden fence. Burr Street Levee area then was put on hold. State refused to release funds for anything "not creditable."

Burr Street Levee is now active with funding sources. Ms. O'Toole completed an appraisal supplement on 11 October 2003 to her 9/24/01 appraisal. New fee offer is \$4,000. Two estimates for fencing were received and Mansards agreed to accept the lower estimate. Commissioners approved the request at 1 October 2003 meeting with the fence being a condition of an accepted offer. FENCE = \$ 6,395.00

In this follow-up packet I have enclosed new title work, the appraisal supplement, the fence estimate, and new phone numbers for the parent corporation, Bayshore Management. Please contact me if questions. Thanks for your cooperation.

4



Little Calumet River Basin Development Commission

MEMO

TO: Lou Casale, Attorney
cc: Angie Ogrentz, Paralegal

FROM: Judy Vamos, Land Acquisition *JV*

DATE: 21 November 2003

SUBJ: New Information on DC 69-A Lake Country Trust # 4950 (I-80/94 Auto Parts)

*DC
69-A
80/94 info
to Lou*

As you are aware Burr Street Betterment Levee is "off hold" now. It is active with the anticipation of a spring deadline for acquisition, construction in 2004. The attached is new information on acquisition DC 69-A to be completed.

Background:

DC 69-A Lake County Trust #4950 I-80/94 Auto Parts

Original Dale Kleszynski appraisal for permanent, temporary, and flowage easements totaled \$30,000. Uniform Land Offer made 29 June 2001. Offer rejected. Owners desired to sell in fee due to no utility left to the land. A fee appraisal completed by Janet O'Toole on 13 September 2001 set fee value at \$8,000. New offer to landowner never made because Burr Street Levee is "not creditable." State refused to release funds for anything not creditable.

Burr Street Levee is now active with funding sources. Ms. O'Toole completed appraisal supplement on 11 October 2003 to her 9/13/01 appraisal. New fee offer \$9,600.

Problem:

I don't think the landowner will accept the new lower offer. Additionally, the new reassessments have been mailed and there will probably be a substantial difference between the old assessment value and the new assessed fair market value.

To speed this acquisition I would like to hand-deliver the offer and negotiate with the landowners. Please call or e-mail me when you have completed the offer and I will deliver it. Please contact me if questions. Thanks for your cooperation.



**THE BOARD OF COMMISSIONERS
OF THE COUNTY OF LAKE**

2293 North Main Street
Crown Point, Indiana 46307
Phone: (219) 755-3200
Fax: (219) 755-3064

Rudolph Clay, First District
Gerry J. Scheub, Second District
Frances DuPey, Third District

10/20/03

Judith Vamos
Land Acquisition Agent
Little Calumet River Basin Development Commission
6100 Southport Road
Portage, IN 46368

RE: 25-40-0061-0002 DE 799
25-46-0452-0053 DE 810
41-49-0040-0032 DE 574

Dear Judy,

Attached is a copy of the letter in which you are requesting the above-mentioned properties.

In order to process the deeds, I will need a check for \$1,575.00, (\$525.00 per parcel) for transfer fees.

I will then proceed to do a Quit Claim Deeds for the three properties.

If you have any questions, please feel free to contact me.

Sincerely,

Rosa Rosas
Special Asst. to the Commissioners
for Tax Sale

*Received Two letters from
Rosa. Second letter lists
DE 798, 739, 747.
Jm.
10/24/03*

PROJECT ENGINEERING MONTHLY STATUS REPORT

For meeting on Wednesday, December 3, 2003

(Information in this report is from October 28 – November 25, 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 contract status report (Handout)

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.
 - General comments were submitted to the COE on September 22, 2003, indicating more detail would be put in for the next review when we receive more detail.
6. Refer to COE monthly contract status report. (Handout)
7. A meeting was held with the Environmental Committee, the COE, LCRBDC, and Dr. Spencer Cortwright (Associate Professor of Biology at Indiana University Northwest) on October 23rd, 2003, at 1:30 at the LCRBDC office.
 - A thank you was sent to Professor Cortwright on November 13 which also afforded him the opportunity to review and comment on the 50% plans and specs. /
8. Plans and specs were sent to the Lake County Parks Dept. on October 20 (comments were submitted to the Coe on October 28). Available upon request. 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.

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 contractor is Dyer Construction
 - Contract was awarded on September 30, 2002
 - Construction started February, 2003
 - **Anticipated completion February, 2004.**
 - B. Project money status:
 - Original contract estimate - \$1,695,822
 - Original contract amount - \$1,231,845
 - Current contract amount - \$1,257,835.02
 - 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 September 16th, 2003, with NIPSCO, LCRBDC, COE, Dyer Construction and their electrical contractor.
 - A. NIPSCO completed cost estimates for electrical drops and supply west of Grant and west of Marshalltown (to serve both pump stations.). These were forwarded to the City of Gary on September 18th, 2003. (Need Gary to sign off as owner.)
 - LCRBDC submitted an email to Gary on October 20th, 2003, requesting the status of our request.
 - Gary submitted response on October 20th, 2003, indicating they wouldn't sign because of an outstanding issue regarding Gary's future responsibilities for violations of the Clean Water Act. **(Ongoing)**
4. Refer to COE monthly contract status report (Handout)

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.
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.
 - LCRBDC has a concern with sloughing in the concrete ditch bottom between Colfax and Calhoun.

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. Refer to COE monthly construction status report

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. LCRBDC requested phase indicator system for generator plug-in. This will be done as part of 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 contract status report.(Handout)

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. A letter was sent to Wolverine Pipeline on July 18, 2003 requesting coordination for necessary utility re-locates for their two (2) 16" pipelines.
3. A conference call was held on September 9th, 2003, with the COE, City of Gary, and the LCRBDC to preliminarily discuss coordination regarding the City of Gary request for city ordinance compliance.
 - Tentative schedule – January 2004 for review of plans; advertise spring 2004; start construction early summer 2004; and construction completion late 2004.

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, 2003 to discuss revised scheduling with the recent appropriation from the State.

- A. We considered breaking 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 begin real estate acquisition for Stage V-2B this biennium **if money is available. Real estate costs in the Kennedy Industrial Park could prohibit this.**
 - This would be done approximately the same time, or slightly after, the INDOT Tri-State pump station
2. INDOT drainage issues at Indianapolis Blvd. and the Little Calumet River.
- A. We received an e-mail from INDOT on August 11th, 2003, requesting funding information for our construction in the Tri-State area.
 - A letter of response was sent back to INDOT on September 3rd, 2003, indicating that we do not know at this point what the balance of our \$7 million will be at the time this construction will be done, and indicated what the current monetary priorities are.
 - B. INDOT had a coordination meeting on August 12th, 2003, to review their projects in the Lake County area.
 - We received minutes of this meeting on October 14th, 2003.
 - INDOT indicated the earliest they could release Phase 1A (Ridge Road to Little Calumet River.) would be in 2005. Lift station couldn't be in use until we complete our levee in that area.

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.
3. **A meeting with Woodmar is scheduled for December 4, 2003 to discuss current status.**

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 the spring of 2004, award in May of 2004, and start construction in June of 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 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.
 - 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.

3. Plans and specifications for 65% BCOE review were received from the COE on August 12th, 2003, and distributed to Hammond and Highland, as well as other affected parties.

UTILITY COORDINATION

1. A contract was signed on May 21, 2003 with SEH Engineering to coordinate all Hammond utility re-locations, Water Department, Hammond Sanitary District, etc.
2. A contract was signed with NIES Engineering to coordinate all Highland utility re-locations on May 23.
 - Received updated status report from NIES on September 30, 2003.
3. **A utility coordination meeting was held with the COE on November 18 to review all currently identified utilities, get in-put on which need agreements, cost estimates, compensability review, and which will be included as part of the contract.**
 - Tables for VI-1 utility identification
4. **Conference call held with COE & LCRBDC on November 5 to discuss compensability (milestones were established).**

3

4-6

7-8

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.) (COE anticipates 100% review set will be available in February, 2004).
 - 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.
3. NIES Engineering **has been given** the task to do all utility coordination (excluding NIPSCO for this segment).
 - LCRBDC will coordinate NIPSCO utility work.

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 2004**. (ongoing)
 - LCRBDC completed plan and spec review and submitted it to the COE on July 9th, 2003.
3. Refer to COE monthly contract status report. (Handout)

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. **Approximately 75% complete.**

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.
2. Refer to COE monthly contract status report.(Handout)

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 a modification #15 to this contract on November 4 requesting additional funding in the amount of \$166,000.** 9-10
4. We received the project progress update from the COE on **November 17th**, 2003 For any detailed information regarding construction status, refer to the attached "Project Progress Update Report". 11

- Baring Pump Station
80% complete
- Walnut Pump Station
62% complete
- S. Kennedy Pump Station
56% complete
- Hohman/Munster Pump Station
90% complete

5. Refer to COE monthly contract status report.(Handout)

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.
 - **Final** 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 a modification #11 to the contract on November 4 requesting additional funding in the amount of \$210,000.**
3. We received the Project Progress Update from the COE on November 17th, 2003.
4. Refer to COE monthly contract status report. (Handout)

12-13

14

GENERAL:

- A. **An Engineering coordination meeting was held on November 19 to discuss the project, the history of the project, cost responsibilities, and current and future cost containments.**
- B. **A kick-off meeting was held on October 29 at the Gary Sanitary District with the Gary Storm Water Management District.**
- C. LCRBDC received a public notice on behalf of INDOT on September 8th, 2003, regarding their upcoming construction at the Grant St. and Broadway interchanges at I-80/94.
 1. A meeting was held with the COE, INDOT, J.F. New, and the LCRBDC on October 20th, 2003, to review the project and discuss status and responsibilities.
 - Project is design/build and is at 30% completion.
 - All unsuitable material to be removed and be replaced with compatible material
(10' of peat is in the area).
 2. INDOT is anticipating letting out for bids in December, 2003, with a tentative construction start in the Spring of 2004. Interchanges – 1 year to complete, 2nd year to complete ramps.
 3. **Property identification was sent to INDOT on November 13 for the southeast quarters of both the Grant and Broadway interchanges.**
- D. The removal, from the floodplain, of sections in the West Reach was discussed at the October 1st, 2003 Commissioners Meeting. Could sections be done on a individual basis after construction is completed.
 1. An email was sent to the COE on October 22nd, 2003, requesting a response to this issue. (Awaiting response)

15-16

17-18

19

Sandy Mordus

From: "Sandy Mordus" <smordus@nirpc.org>
To: "scortwr" <scortwr@iun.edu>
Sent: Thursday, November 13, 2003 4:37 PM
Subject: Environmental meeting held 10/23

Spencer:

First of all, on behalf of the Little Calumet River Basin Development Commission, I would like to thank you for making your slide presentation and providing your knowledge on plant communities in northwest Indiana. As a result of this meeting, I wanted to afford you the opportunity to provide written comments to the Army Corps of Engineers regarding their current 50% plans for our Landscaping Phase 2 project. Although some of this was discussed at the meeting, the Army Corps procedure requires that you submit questions or suggestions to those plans and specifications in writing.

Also, if you can email your fax number back to me, I will fax you the IDNR letter listing the 9 comments from our meeting, as presented by Steve Davis from IDNR. It was my understanding from the meeting that you were going to coordinate these concerns with Greg Moore. If you have any questions or need any additional information from me, please let me know and I will be happy to try to help you.

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

11/13/2003

RECEIVED NOV - 3 2003

8411 E. Lincoln Hwy. • Crown Point, IN 46307

219.945.0543 • Fax: 219.945.0452



October 28, 2003

Buckley Homestead
219-696-0769

Deep River
219-947-1958

Deep River Waterpark
219-947-7850

Erie Lackawanna Trail
219-945-0543

Gibson Woods
219-844-3188

Grand Kankakee Marsh
219-552-0033

Lake Etta
219-944-9601

Lemon Lake
219-663-7627

Oak Ridge Prairie
219-884-7238

Stoney Run
219-996-6500

Three Rivers
219-962-7810

Turkey Creek G.C.
219-980-8101

Pro Shop - 219-980-5170
Banquets - 219-887-3550

Whihala Beach
219-659-4015

Programs - 219-769-PARK
Reservations - 219-945-0543

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

Dear Mr. Pokrajac,

The Parks and Recreation Department of Lake County has reviewed the Little Calumet River, Indiana Local Flood Protection Landscaping, Phase 2 project. We would like to submit the following comments for the plans and specs regarding this project. (Please see enclosure.)

In general, we would like to advise denser tree planting scheme that would feature clusters of tree plantings rather than singular, sparse plantings along the base of the levee. There are two structures, a fishing pier and canoe launch, located on the Little Calumet River just south of the gated bike trail entrance to Lake Etta County Park near stationing position 17+00, which is not located on the plans. This feature would benefit with tree plantings (Oaks: Burr, Swamp White, or Pin) near the deck for shade, rather than the cluster of Red-Osier Dogwood shown. We would also like to offer the listed comments on the following pages as shown.

Thank you very much for your review.

Respectfully yours,

Robert J. Nickovich
Chief Executive Officer
Lake County Parks & Recreation Department

Enclosure (9)

Dpr

cc: Greg Moore, COE
Imad Samara, COE

Established: June 1, 1968

"A Natural Place For Fun"

2

Sandy Mordus

From: "Sandy Mordus" <smordus@nirpc.org>
To: "Samara, Imad LRC" <Imad.Samara@lrc02.usace.army.mil>
Cc: <mhickey@sehinc.com>; <thodnik@niesengineering.com>
Sent: Thursday, November 13, 2003 3:39 PM
Subject: Note from Pokrajac

Imad:

I will fax you information from SEH, NIES Engineering, and NIPSCO regarding the utility relocations for Stage VI Phase 1. I feel confident that all of the utilities that will be impacted by our project have been identified on these summarization sheets. It is my intent to review these relocations when I meet with you on November 18. Items I would like to discuss and resolve are as follows:

- (1) I would like to identify which of these items the Development Commission will have to facilitate regarding compensability review and agreements with each respective owner.
- (2) The relocations or impacts to any of these utilities that will be included as part of the contract; does the Development Commission need to do any coordination prior to construction as far as compensability review or get any agreements with those particular re-locations? In the past, I think the contractor dealt directly with each of those utilities to coordinate that particular item in the field and that costs associated with that re-location would be part of our contract.
- (3) My goal is to finalize a list of which utilities or re-locations I will need to coordinate in order that I may get cost estimates for you to review. After your approval, we will then apply for the crediting.
- (4) I received a request through SEH by the Hammond Sanitary District to relocate a fire hydrant in the area of New Jersey Street. This is referred to in the SEH report as UR-13. Their question was whether or not the Development Commission would be responsible for money involved for purchase of easements, engineering design, and construction costs.
- (5) I will also have lists available from SEH, NIES and NIPSCO for the remaining information they need from you to complete their tasks. (These may be available for the meeting. If I have them prior to the meeting, I will fax them to you)

If you have any questions regarding these 5 items of discussion, please let me know; or if you need additional information prior to the meeting, I will try to forward you whatever you need.

Jim Pokrajac, Agent
 Land Management/Engineering

UTILITIES VI-1 (HAMMOND SIDE)

Table 1
LITTLE CALUMET RIVER, INDIANA - UTILITY RELOCATIONS
LOCAL FLOOD PROTECTION - STAGE VI LEVEE

KENNEDY AVENUE TO CLINE AVENUE
Status Report 10/20/03

NORTH BANK (HAMMOND) - SEH RESPONSIBILITY

I.D. #	Owner	Station	Photo #	Contents	Size	Type	Direction	Plan	Xsection	Detail	Source	Cost Estimate	Property I.D.	Letter Sent to Utility on	USACE Construction Detail/Remarks
UR-1	SBC/ Ameritech	~7N 0+50 to ~7S 0+50	101-108	Telephone	Cable	Buried	N & S	C-11			USACE				SBC will relocate underwater crossing before start of construction.
UR-2	Buckeye Pipeline	7N 0+60 to 7S 0+55	No visual evidence	Petroleum Pipeline filled w/concrete	N/A	Pressure	N & S	C-11			USACE				Check with new plans
UR-3	Hammond	7N 0+90	102, 103, 110	Storm	54"	Gravity	N→S	C-11	1/C-33	S-1 & S-6	USACE	?			Add Gatewell 7-3C to ex. Pipe
UR-4	Buckeye Pipeline	7N 5+70 to 7S 6+55	No visual evidence	Petroleum Pipeline filled w/concrete	N/A	Pressure	N & S	C-11	1/C-33		USACE				
UR-5	Hammond	7N 10+40	111-115	Storm	24"	Forced	N→S	C-12	3/C-33	C-46	USACE	?			Replace Kennedy Apt. P.S. outlet
UR-6	Hammond	7N 18+50	N/A	Storm	24"	Gravity	N→S	C-12	4/C-33	C-46 & S-1	USACE	?			New outlet from Oxbow Lake
UR-7	Hammond	7N 36+45	120-121	Storm	36"	Gravity	N→S	C-14	7/C-33	C-46 & S-2	USACE	?			Replace ex. Outfall with Gatewell 7-2C
UR-8	Hammond	~7N 39+00	154-160	Water	12 & 24"	Pressure	E-W	C-15	NOT	SHOWN	NIES				Water Lines do not enter or cross project work limits
UR-9	Hammond	7N 39+20	122-130, 141-144	Storm	87"x136"	Forced	N→S	C-14&15	2&8/C-33	S-16	USACE	?			Wrap levee around existing outfall, tie to P.S. structure and create access point
UR-10	Hammond	8N 4+55	148-147	Storm	24"	Gravity	N→S	C-16	9/C-34	C-46	USACE	?			Replace Outlet 172 - pipe, headwall & flapgate in levee
UR-11	Ameritech & NIPSCO	8N 13+25 to 22+60	133	Building services	Varies	Gas, phone, electric	W→E	C-17	10-14/ C-34		USACE				Utility services, downspouts and A/C units for commercial buildings are very close to grading/work limits
UR-12	Hammond	8N 16+10	133-135	Storm	24"	Gravity	NE→SW	C-17	10/C-34	C-47	USACE	?			Replace Outlet 173 - pipe, headwall & flapgate in I-wall
UR-13	Hammond	8N 23+00	136	hydrant & valve box				C-17	15/C-34		USACE				To be relocated out of construction limits
UR-14	Hammond	8N 30+35	182-183	Storm	24"	Gravity	N→S	C-18	17/C-35	K/C-41	USACE	?			Remove existing outlet - new interceptor sewer landside
UR-15	Hammond	8N 33+10	184-185	Storm	42"	Gravity	NW→SE	C-18	18/C-35	C-47 & S-2	USACE	?			Replace ex. Outfall with Gatewell 175
UR-16	Hammond	8N 34+85	161-162	Storm	24"	Gravity	NE→SW	C-18	18/C-35	L/C-41	USACE	?			Remove existing outlet - new interceptor sewer landside
UR-17	Hammond	8N 37+85	163-164	Storm	15"	Gravity	NE→SW	C-19	18/C-35	M/C-41	USACE	?			Remove existing outlet - new interceptor sewer landside
UR-18	Hammond	8N 39+40	165-166	Storm	15"	Gravity	NE→SW	C-19	18/C-35	N/C-41	USACE	?			Remove existing outlet - new Interceptor sewer landside
UR-19	Hammond	8N 42+45	172-174	Storm	24"	Gravity	NE→SW	C-19	19/C-35	C-48	USACE	?			New Outlet 8-3C connects ex. storm sewer - pipe, headwall & flapgate in levee
UR-20	Highland	7N 0+40		Sanitary	18"	Forced	N→S	C-11			USACE				Existing Sanitary Force Main from Highland
UR-21	Hammond	7N 0+70		Water		Forced	N→S	C-11			USACE				Existing Water Force Main To Highland
UR-22	Hammond	7N 1+10		Water		Forced	N→S	C-11			USACE				Existing Water Force Main To Highland
UR-23		~8N8+00 to 8N11+00		Storm		Gravity	N→S	C-16			Hammond Sewer Dept				Storm Outfall from Paved Areas, Not shown on ACOE 65% drawings
UR-24		Reserved #													

* Included In USACE Project Costs.

LITTLE CALUMET RIVER, INDIANA-UTILITY RELOCATIONS
LOCAL FLOOD PROTECTION -STAGE VI-1 LEVEE

9/5/2003

South Bank (Highland)

UTILITIES VI-1 (HIGHLAND SIDE)

Utility Status Summary

I.D. #	Owner	Contents	Size	Status	Notes
UR-25	Town of Highland	Storm	12"	Finished	Not impacted by project
UR-26	SBC Ameritech	Telephone	14"x24"	See note	Confirm if Kennedy cut-off is required at duct
UR-27	Town of Highland	Sanitary	18"	Finished	F.M. will be bridged per rev. plans (S-11)
UR-28	Buckeye Pipeline	Petro. Pipeline Filled w/ Conc.	8"	See note	Can USACE change note too - USACE to remove as required
UR-29	Town of Highland	Water	18"	Finished	F.M. will be bridged per rev. plans (S-11)
UR-30	Town of Highland	Water	20"	Finished	F.M. will be bridged per rev. plans (S-11)
UR-31	Ameritech	Telephone	2"x/-	See note	Not shown on rev. plans, will require pipe bridging method shown on S-11
UR-32	Ameritech	Telephone	2"x/-	See note	Not shown on rev. plans, will require pipe bridging method shown on S-11
UR-33	Buckeye Pipeline	Petro. Pipeline Filled w/ Conc.	8"	See note	Can USACE change note too - USACE to remove as required
UR-34	Town of Highland	Water	6"	See note	Not shown on plans, no real impact except haul road traffic.
UR-35	Town of Highland	Storm	84"	Finished	None
UR-36	Town of Highland	Storm	72"	Finished	None
UR-37	Town of Highland	Water	2"	See note	Not shown on plans, no real impact except haul road traffic.
UR-38	Town of Highland	Sanitary	27"	Finished	None
UR-39	Town of Highland	Storm	84"	Finished	None
UR-40	Town of Highland	Storm	72"	Finished	None
UR-41	Town of Highland	Storm	66"	Finished	None
UR-42	Town of Highland	Storm	Inlet	Finished	None
UR-43	Ameritech	Telephone		Finished	USACE said grading will be adjusted as needed to spare lines
UR-44	Town of Highland	Storm	Inlet	Finished	
UR-45	Town of Highland	Storm	Inlet	See note	Inlet will be addressed during P.S. design
UR-46	Town of Highland	Storm	30"	See note	Inlet will be addressed during P.S. design
UR-47	Town of Highland	Storm	3@12"	See note	Inlet will be addressed during P.S. design
UR-48	Town of Highland	Storm	Inlet	Finished	
UR-49	Town of Highland	Storm	36"	See note	Not shown on plans, fax with info sent to Miro
UR-50	Town of Highland	Storm	8"	See note	Not shown on plans, fax with info sent to Miro

VOLUMES VII-1 - NIPSCO (BOTH SIDES)

Little Calumet River Levee Stage 6 - Electric Utility Relocations

SITE NO.	NIPSCO Circuit #	NI Engr.	Corps Stage	N/S	Corps sheet No.	Work Location	Work Description	Drawing Number	Estimate Number	Comments / Questions	Status	Cost Estimate
1	12-692	FJ	6-1	N	12	NE corner of Kennedy Ave. and River	Remove or relocate four poles.	FJ	FJ	FJ	FJ	FJ
2.1	34-121 (D) and 12-756	JKH	6-1	N	15	SE Hessville Pump Station to River	Relocate down guys, re-route 12kv UG?	DE2100-1	Est.# 51197-71B (0005)	12kv UG below levee?	50%	
2.2	34-121 (D) and 12-756	JKH	6-1	S	24	River to North Drive Pump Station (#28)	Hold seven poles during sewer construction, relocate down guys at one pole. Corps to revise sewer route?	DE2100-1	Est.# 51197-71B (0004)	1st pole S. of River - Guy anchor in levee? 2nd pole S. - sewer too close.	25%	\$15,394
2.3	12-334	JKH	6-1	S	23	Easement N. of North Drive	Hold two poles during sewer construction	DE2100-1	Est.# 51197-71B (0003)	Sewer line not shown. Waiting for response	5%	\$2,144
2.4	12-334	JKH	6-1	S	25	Easement N. of North Drive Cul-de-sac.	Relocate one pole?	DE2100-1	Est.# 51197-71B (0002)	Waiting for new drawing	75%	\$1,951
2.5	34-111	JKH	6-1	S	21	5th St. Pump Sta.	Re-Locate guy stub and anchor..	DE2100-1	Est.# 51197-71B (0001)	waiting for new drawing	75%	\$3,943
3.1	12-758	FJ	6-1	N	17	Easement west of Nevada Ave.	Re-Locate one Pole?	FJ	FJ	FJ	FJ	FJ
3.2	12-758	FJ	6-1	N	17	Easement east of Nevada Ave.	Re-Locate one Pole?	FJ	FJ	FJ	FJ	FJ
3.3	12-758	FJ	6-1	N	18	Easement east of New Jersey Ave.	Re-Locate one Pole?	FJ	FJ	FJ	FJ	FJ
4	12-756	FJ	6-1	S	24	North Drive Pump Station Upgrade	Electric Service for New Pump Station Loads - 12kv	FJ	FJ	FJ	FJ	FJ
5	34-71 and 12-333	JKH	6-2	S	na	NIPSCO fee R/W, W. of Cline	Replace one 34kv pole, raise wires	DE21054-1	Est.# 51066-71B (0000)	Sent to Corps 7/19/03	100%	\$18,532
										TOTAL COST		\$41,964

ATTORNEYS AT LAW
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CAROL E. BERWANGER
REBECCA A. ROSENBAUM
PAMELA R. MILLER
FINANCIAL COORDINATOR
JULIE MALKOWSKI

November 5, 2003

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

Re: Utility Relocation Compensability Milestones revisions

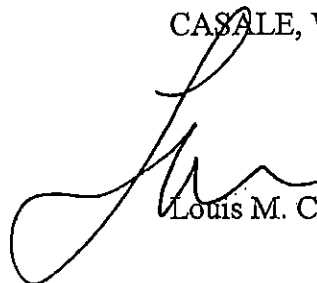
Dear Jim:

Enclosed please find the memorialized Utility Relocation Compensability Milestones reflecting the revisions discussed during the telephone conference on Wednesday, November 5, 2003.

Contact us with any further questions or concerns.

Very truly yours;

CASALE, WOODWARD & BULS, LLP



Louis M. Casale

UTILITY RELOCATION COMPENSABILITY MILESTONES

1. COE or COE's A/E identifies owner of utility.
2. COE or COE's A/E contacts owner of utility and request copies of easements, license agreements, deeds, etc. with property owner of underlying property. Request copy of deed if utility owns underlying property.
3. COE/COE's A/E prepares plans showing location and identity (POC, address, phone number) of utility and provides same to LCRBDC.
4. COE or COE'S A/E receives copies of easements, license agreements, deeds, etc. from utility company and provides copy of same to the LCRBDC.
5. The LCRBDC will review and update all information provided by COE's A/E.
6. LCRBDC Attorney reviews documents received in items 2, 3, and 4 and makes initial draft of compensability determination and forwards to COE.
7. COE reviews LCRBDC Attorney's initial draft of compensability and prepares the final compensability determination.

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

3 NOV 2003

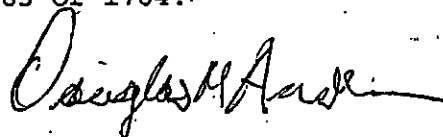
FUNDING ADDL. - \$166,000

TOT. AMT. FUNDED - \$3,542,498

MEMORANDUM FOR: See Distribution

SUBJECT: Contract No. DACW27-01-C-0001
Pump Stations Rehabilitation, Phase 1A
Hammond Sanitary Districts
Little Calumet River, Indiana
Modification No. P00015 - Executed

1. Enclosed for your files is a copy of all pertinent information related to executed Modification No. P00015, under the subject contract.
2. Any questions concerning the enclosed items shall be directed to the undersigned at (219) 923-1763 or 1764..



Enclosures

DOUGLAS M. ANDERSON, P.E.
Project Engineer
Calumet Area Office

Distribution:

CELRC-TS-C-S (Complete Mod. File)
CELRC-TS-C-S (Complete Mod. File)
CELRC-CT (Complete Mod. File)
CELRC-TS-C-S (Complete Mod. File) D. Anderson
CELRC-TS-C-S (Mod. Only) R. Craib
CELRC-TS-C-S (Mod. Only) Project Binder
CELRC-PM-PM (Mod. Only) I. Samara
✓ LCRBDC (Mod. Only) J. Pokrajac

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been added by full text:

MODIFICATION NO. P00015

The PR&C No. for this contract is W81G6693015179.

A. SCOPE OF WORK

SS025 Continuing Contract Funding – \$166,000.00

Pursuant to the "Continuing Contracts" clause, this modification hereby increases the total Contract funded amount by \$166,000.00.

B. CHANGE IN CONTRACT PRICE

Total contract price is unchanged.

C. CHANGE IN CONTRACT TIME

The contract completion date shall remain unchanged by this modification. The current Contract completion date remains December 1, 2003, which was previously extended from the original Contract date of October 8, 2002.

D. CLOSING STATEMENT

Pursuant to the "Continuing Contracts" clause, this modification hereby obligates an amount of \$166,000.00 for this contract; thus, increasing the total Contract funded amount to \$3,542,427.59.

SECTION 00800 - SPECIAL CONTRACT REQUIREMENTS

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$166,000.00 from \$3,376,427.59 to \$3,542,427.59.

Contract Level Funding:

AB: 96 NA X 8862.0000 H6 X 08 2426 075325 96112 3200 00229C
was increased by \$11,620.00 from \$236,349.93 to \$247,969.93

AA: 96 na x 3122.0000 h6 x 08 2426 075325 96112 3200 00229b
was increased by \$154,380.00 from \$3,140,077.66 to \$3,294,457.66

(End of Summary of Changes)

10

Project Progress Update: 11/17/2003

Pump Rehab 1A Contract C-0001 (Overstreet Electric Co.)

Current contract completion date: December 1, 2003

Baring Ave Pump Station - 80%+- Complete.

1. The SWP-1 pump and motor installation is complete and is in service.
2. The old SWP-2 pump and motor have been removed and the new pump is currently set in place. New discharge piping measured and will be in the process of being fabricated soon.
3. Concrete work for overflow chamber is complete.
4. Two standby pumps are installed and are ready for operation, by Hammond SD, if needed.
5. Demolition of old and installation of new electrical equipment has been discontinued until SWP-2 motor is ready to be energized.
6. A new ladder is currently being installed in the overflow chamber.

South Kennedy Ave Pump Station - 56%+- Complete.

1. Johnston pump #4 has been rebuilt and tested. No reason has been provided to the COE as to why this pump has not been installed.
2. Demolition of old and installation of new electrical equipment is intermittent.
3. Laborers have installed new stair nosing on the exterior steps.

Hohman/Munster Pump Station- 90%+- Complete.

1. A new comminutor has been previously installed at this station. The comminutor is operational, but only in the hand mode. Overstreet still has not acquired the flow sensor as of this date. Once acquired and installed, the comminutor will be placed into automatic mode.
2. Removal of old and installation of new HVAC equipment has been discontinued at this time.
3. Painting is still expected soon.

Walnut Ave. Pump Station - 62%+- Complete.

1. Viking Engineering has previously removed and rebuilt three pumps (#1, #2, and #3). Viking has factory tested these pumps and they meet the specified performance criteria.
2. The rehabilitation of the existing pump bases for pumps #1 through #3 has recently begun. Once new concrete is placed the rebuilt pumps can be installed and made operational.
3. The new mechanical trash rack was previously installed. Commissioning and station operator training is still expected soon.
4. Removal of old and installation of new HVAC equipment is still discontinued at this time.
5. Demolition of old and installation of new electrical equipment is intermittent.

1. 5th PUMP STA. - MOD. 11
CONTINUED FUNDING REQUEST

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

4 NOV 2003

MEMORANDUM FOR: See Distribution

FUNDING. ADDL. - \$ 210,000
TOT. AMT. FUNDED - \$ 2,443,035

SUBJECT: Contract No. DACW27-01-C-0008
Little Calumet River
North Fifth Avenue Pump Station Rehabilitation
Lake County, Indiana
Modification No. P00011 - Executed

1. Enclosed for your files is a copy of all pertinent information related to executed Modification No. P00011, under the subject contract.
2. Any questions concerning the enclosed items shall be directed to the undersigned at (219) 923-1763 or 1764.

Douglas M. Anderson

Enclosures

DOUGLAS M. ANDERSON, P.E.
Project Engineer
Calumet Area Office

Distribution:

CELRC-TS-C-S (Complete Mod. File)
CELRC-TS-C-C (Complete Mod. File)
CELRC-CT (Complete Mod. File)
CELRC-TS-C-S (Complete Mod. File) R. Smolar
CELRC-TS-C-S (Mod. Only) R. Craib
CELRC-TS-C-S (Mod. Only) Project Binder
CELRC-PM-PM (Mod. Only) I. Samara
✓ LCRBDC (Mod. Only) J. Pokrajac

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been added by full text:

MODIFICATION NO. P00011**A. SCOPE OF WORK**

SS019 Continuing Contract Funding – \$210,000.00

Pursuant to the "Continuing Contracts" clause, this modification hereby increases the total Contract funded amount by \$210,000.00.

B. CHANGE IN CONTRACT PRICE

Total contract price is unchanged.

C. CHANGE IN CONTRACT TIME

The contract completion date shall remain unchanged by this modification.

The current Contract completion date remains 4 June 2003, which was previously extended from the original Contract date of 17 March 2003.

D. CLOSING STATEMENT

Pursuant to the "Continuing Contracts" clause, this modification hereby obligates an amount of \$210,000.00 for this contract; thus, increasing the total Contract funded amount to \$2,443,034.93.

SECTION 00800 - SPECIAL CONTRACT REQUIREMENTS

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$210,000.00 from \$2,233,034.93 to \$2,443,034.93.

CLIN 0001:

AB: 96 NA X 8862.0000 H6 X 08 2426 07325 96112 3200 0023XW was increased by \$14,700.00 from \$156,312.45 to \$171,012.45

AA: 96X31220000 082426 32000023XV075325 NA 96112 was increased by \$195,300.00 from \$2,076,722.48 to \$2,272,022.48

(End of Summary of Changes)

North 5th Pump Station Rehab Contract C-0008 (Overstreet Engineering & Const.)
N.5th. Pump Station - 97%+- Complete. Current contract completion date: June 4, 2003.

1. New pumps and motors for #1, #2, #6, #7, #8, #9 and #10 have been installed and have been commissioned.
2. Pumps #3, #4, and #5 and motors have been removed and existing concrete pump bases have been removed and replaced with new concrete bases. The new pumps have been installed and one new motor, for #5, has been set in place. Motors #3 and #4 are not able to be installed until Overstreet submits their "new motor base plates" proposal (and the COE accepts). A Request for Proposal (RFP) was sent to Overstreet back on October 16, 2003 for this additional work.
3. The new mechanical trash rack discharge shoot has been ordered.
4. Demolition of old and installation of new electrical equipment has been put on hold until motors for #3 and #4 have been installed.
5. The new sump pump #2 has not been commissioned, due to grit previously clogging the pump. A RFP has been sent to Overstreet back on September 10, 2003. The COE is still awaiting Overstreet's proposal. The additional work is to install a concrete barrier around the sump pit in an attempt to prevent grit from clogging the pump.

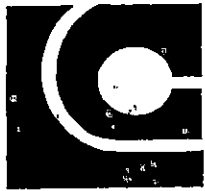
1. The first part of the document is a letter from the author to the editor, dated 10/10/1910. The letter is written in a very formal and polite manner, and it discusses the author's recent work on the history of the city of London. The author mentions that he has been working on this project for a long time, and that he has been able to gather a great deal of information about the city's past. He also mentions that he has been able to find some very interesting facts about the city's history, and that he is very pleased to be able to share these facts with the public. The letter ends with a request for the editor to publish the author's work in the next issue of the journal.

2. The second part of the document is a letter from the editor to the author, dated 10/15/1910. The editor's letter is also written in a very formal and polite manner, and it discusses the author's letter and the work that the author has been doing. The editor mentions that he is very impressed with the author's work, and that he is very pleased to be able to publish it in the next issue of the journal. The editor also mentions that he is very interested in the author's work, and that he is looking forward to reading the author's next work. The letter ends with a request for the author to send the editor a copy of his work.

3. The third part of the document is a letter from the author to the editor, dated 10/20/1910. The author's letter is written in a very formal and polite manner, and it discusses the editor's letter and the work that the author has been doing. The author mentions that he is very pleased to hear from the editor, and that he is very interested in the editor's work. The author also mentions that he is very pleased to be able to share his work with the public, and that he is looking forward to reading the editor's next work. The letter ends with a request for the editor to publish the author's work in the next issue of the journal.

4. The fourth part of the document is a letter from the editor to the author, dated 10/25/1910. The editor's letter is written in a very formal and polite manner, and it discusses the author's letter and the work that the author has been doing. The editor mentions that he is very impressed with the author's work, and that he is very pleased to be able to publish it in the next issue of the journal. The editor also mentions that he is very interested in the author's work, and that he is looking forward to reading the author's next work. The letter ends with a request for the author to send the editor a copy of his work.

5. The fifth part of the document is a letter from the author to the editor, dated 10/30/1910. The author's letter is written in a very formal and polite manner, and it discusses the editor's letter and the work that the author has been doing. The author mentions that he is very pleased to hear from the editor, and that he is very interested in the editor's work. The author also mentions that he is very pleased to be able to share his work with the public, and that he is looking forward to reading the editor's next work. The letter ends with a request for the editor to publish the author's work in the next issue of the journal.



Little Calumet River Basin Development Commission

6100 Southport Road
Portage, Indiana 46368

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

~~FRANK COLOVIN, Chairman~~
Mayor of Gary's
Appointment

~~EMERSON DELANEY, Vice Chairman~~
Governor's Appointment

CURTIS VOSTI, Treasurer
Governor's Appointment

~~ROBERT MARZALEK, 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 MROGZKOWSKI~~
Governor's Appointment

~~DR. MARK BESHKIN~~
Governor's Appointment

CHARLIE RAY
Porter County Commissioners'
Appointment

DAN GARDNER
Executive Director

LOU CASALE
Attorney

~~JIM MELTON~~

~~SANDY MOORE~~

~~JIM FLORA~~

~~PAUL GRALIK~~

~~JIM POKRAJEC~~

~~JUDY VAMOS~~

ENGINEERING/PROJECT COST MEETING

4:30 P.M. – 6:30 P.M.

NOVEMBER 19, 2003

AGENDA

1. Purpose of Meeting
2. Background of COE Design Decisions for Project
3. Framework for Cost Responsibilities; Contracts Development; Change Order Approval
 - Local Cooperation Agreement (LCA)
 - Commission negotiations to modify basic LCA before signing
 - Examples of successes/"not so successes"
4. East Reach (Gary) Project Experience
 - Commission responsibilities:
 - Lands, Easements, Rights-of-Way
 - "Crediting" of Non-Federal work
 - COE Responsibilities:
 - Contract Cost Escalation
 - Construction Problems
5. Project Cost
 - Project Funding: Delay to "full capability" schedule
 - Stretching out project = greater cost
 - State funding
 - Project Cost Estimate Accuracy
 - PAC (Post Authorization Change Report)
 - Cost/Construction Tracking
 - Commission requested better reporting, more involvement, input into design decision (Jim's chart)

6. West Reach "Issues" for Containing Future Costs
 - Value Engineering Analysis/Proposals (Jim Pokrajac, R. W. Armstrong)
 - COE Responses
 - Real Estate costs – Ease of Acquisition
 - 75' easement valuation vs. private business/residential view
 - Levee Reconstruction Method – Sheet piling approach in tight areas + issue/response to "vibration" potential damage to homes (liability, cost)
 - O&M agreement to institutional approaching required activities, method to fund
7. Other Issues – Suggestions



MEETING MINUTES

PROJECT: Integrated Storm Water Drainage Plan for the Little Calumet River Watershed Project
PROJECT NO.: 20036831.2
DATE: November 5, 2003
RE: KICK OFF MEETING
BY: Phil Gralik

- Meeting Date: October 29th, 2003 at 1:30 pm
- Meeting Location: Gary Storm Water Management District
- Attendees:

Chris Badger	R.W. Armstrong
Arnie Muzumdar	North-West Engineering Co.
Jennifer Gadzala	NIRPC
Jim Pokrajac	LCRBDC
Dan Gardner	NIRPC/ LCRBDC
Don Smales	Greeley & Hansen, LLC
Jim Meyer	Meyer & Wyatt, P.C.
Phil Gralik	R.W. Armstrong
Martin J. Brown	GSD/GSWMD
Spike Peller	GSD/GSWMD
Tim George	R.W. Armstrong
Nakea Barksdale	Golden Recognition, Inc.
Debra Hammonds	Golden Recognition, Inc.
Adrienne Fancher	United Water, Inc.
Dwain Bowie	United Water, Inc.

- Spike Peller of the GSWMD opened the meeting and introduced the project, then everyone around the table introduced themselves.
- Spike Peller then related the history of the project and the need for a comprehensive approach to the problem. In the past a "bandage approach" was used to try to fix an ongoing problem. The spring rains of 2003 have refocused attention on the drainage problems.



- Several projects are going on simultaneously and RWA will need to coordinate this project with the Green Links Project, the Burr Street Phase II project, the combined sewer project with DLZ, and on-going INDOT projects.
- A contact database for the Little Calumet River drainage study needs to be completed. (It is included with these minutes)
- Important areas to consider are The Black Oak neighborhood, levee water holding areas, connections to the river, and the "J" pit and all unsewered areas:
- The datum for Gary, Indiana GIS system is NAV 83.
- RWA will check the District's micro film for information on existing sewers, inlets, etc.
- RWA will check with the Army Corps for existing information on this river basin.
- Several of the attendees at this meeting will need to get information to RWA to aid in the completion of this study. (Please send information to RWA as quickly as possible.)
- RWA will try to coordinate the first public meeting with DLZ's meeting for the Central Avenue Interceptor. December 4th was discussed as the possible date.
- A project schedule was distributed at this meeting. Should anyone wish to have a color copy please contact RWA and one will be sent to you.
- With your help this project will be a great success. Thanks for coming to the meeting.



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

November 13, 2003

Mr. Allen Egilmez, P.E.
United Consulting Engineers
1625 N. Post Road
Indianapolis, Indiana 46219-1995

Dear Allen:

As per your request at our October 30 coordination meeting for the Grant and Broadway interchanges with the Army Corps of Engineers, I am enclosing copies of the property ownership identification in the area between Broadway and Georgia Streets south of I-80/94. It appears that the Gary Parks & Recreation Department owns the vast majority of these properties. In addition, NIPSCO has some interest as well as the Little Calumet River Basin Development Commission. These ownerships indicate who owns the property in fee. As part of our flood control project, the Development Commission has easement agreements on these properties which allowed us to construct features for the flood control project. When you complete your final analysis and need to get agreements with the respective owners, please contact me in order that I may help facilitate the Commission's interests with our attorney.

If you have any questions regarding this information or if you need any further information, please contact me at the above number.

Sincerely,

James E. Pokrajac, Agent
Land Management/Engineering

/sjm
encl.
cc: Lou Casale, LCRBDC attorney

North-West Engineering Co., Inc.
- Consulting Engineering -

504 Broadway - Suite 1028 - Gary, Indiana 46402

Phone: (219) 882-6856

Fax: (219) 882-6867

December 1, 2003

Indiana Department of Transportation
315 East Boyd Blvd
LaPorte, IN 46350

Attention: Mr. Eric Wilson, Area Engineer

RE: South Grant Street Improvement Project; STP N-501(010)
Ridge Road to I-80/94, Gary, IN - Contract No. 26591
Phase I - DES NO. 0090210 - Storm Sewer & Pump Station
Storm Water Regulations: Best Management Practices (BMPs)

Dear Mr. Wilson:

Attached please find a self-explanatory letter dated December 1, 2003 from Greeley & Hansen, representing the Gary Sanitary District for your information. The design for the above project was completed prior to IDEM's implementation of the new BMP ruling, therefore was not included in the original design of the subject project. The subject project will be completed by year end with the exception of the pump station and the final surface coat of the street.

It is IDEM's requirement (Mark Balazs; 317/234-1601) for all new storm sewers discharging into state rivers to comply with the new regulation, and as the new system is not yet operational, it would be feasible to add this feature at this time to the design to be located upstream of the pump station. We have investigated the BMP system cost and including installation for the removal of sediment and oil removal to meet the Clean Water Act requirements it is estimated at \$85,000.00.

We have also discussed this additional system cost with Gary Evers of NIRPC who indicated that funding is available.

Following your review, your early approval for the addition of the BMP system to the design and construction of this project will be appreciated.

Very truly yours,

Aravind Muzumdar

ARAVIND MUZUMDAR, P.E.
President

AM/m

Enclosures

cc: Roland Elvambuena, P.E., City Engineer
Charles Peller, GSD Director
James Meyer, GSD Attorney
Otho Lyles, III, Pres. BSC
Jay Niec, Greeley & Hansen
Gary Evers, NIRPC
Dan Gardner, NIRPC
Robert Rhoades, INDOT, Local Assistance

GREELEY AND HANSEN LLC

567 SOUTH LAKE STREET
GARY, INDIANA 48403

PHONE 219-938-8354
FAX 219-938-8378

www.greeley-hansen.com

December 1, 2003

Mr. Aravind Muzumdar, P.E.
North-West Engineering Co., Inc.
504 Broadway, Suite 1028
Gary, Indiana 46402

Subject: South Grant Street Improvement Project, Phase I
Storm Sewers and Pump Station, DES No. 0090210
Storm Water Regulations

Dear Mr. Muzumdar:

In response to your request for justification, dated November 21, 2003, for requiring installation of Best Management Practices (BMPs) upstream of the Grant Street Storm Water Pump Station, we hereby offer the following response.

The United States Environmental Protection Agency Storm Water Phase II Final Rule regarding certain separate storm sewer systems was published in the Federal Register on December 8, 1999. The Rule requires that states adopt rules requiring municipalities and other governmental entities with non-CSO, separate storm sewer system populations under 100,000 to comply with the Rule's provisions. The non-CSO population refers to areas under a separate storm sewer system known as a Municipal Separate Storm Sewer System (MS4).

On December 8, 1999, the Indiana Department of Environmental Management (IDEM) prepared a draft rule that required a National Pollutant Discharge Elimination System (NPDES) permit for discharges from regulated MS4 systems. In 2002, the City of Gary received a notification from the IDEM to comply with the new storm water Rules. In response, the City of Gary, with Ordinance No. 7309 dated March 25, 2002, created the Gary Storm Water Management District (GSWMD) to meet the requirements of the final Rule and manage the City of Gary's MS4 system and discharges as the MS4 Operator.

The EPA Storm Water Phase II Final Rule and Indiana's Final Rule require GSWMD to develop a Storm Water Quality Management Plan (SWQMP) and to apply for and receive an NPDES MS4 Permit (Permit). The GSWMD storm water system and facilities are regulated under the Phase II Storm Water Rule and IDEM Rule 13 (327 IAC 15-13, attached for reference). These Rules require that the SWQMP and the 6 Minimum Control Measures (MCMs) be implemented and enforced so as to, a) reduce the discharge of pollutants to the "maximum extent practicable" through the use of Best Management Practices (BMPs), b) evaluate the effectiveness of the implementation of the MCMs, and c) otherwise satisfy applicable requirements of the Clean Water Act.

Mr. Aravind Muzumdar, P.E.

- 2 -

December 1, 2003

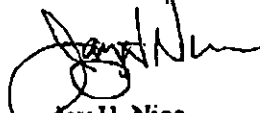
BMPs are defined as, "any structural or nonstructural control measure utilized to improve the quality and, as appropriate, reduce the quantity of storm water run-off and includes schedules of activities, prohibitions of practice, treatment requirements, operation and maintenance procedures, use of containment facilities, land use planning, policy techniques, and other management practices". As the MS4 Operator, the GSWMD is responsible for implementing the post-construction runoff control MCM which includes implementing procedures to promote improved water quality and reduce the impact of pollutants in storm water runoff on receiving waters.

The Grant Street Storm Water Pump Station will discharge to the Little Calumet River (LCR) which is on the Section 303(d) Clean Water Act list for E. coli. Section 303(d) requires the development of a Total Maximum Daily Load (TMDL) for waters that the State has identified as being impaired. As a result, a TMDL is being developed for E. coli to attain and maintain the applicable water quality standard for the LCR's designated uses by requiring BMPs for abatement of pollutants in point source discharges to at least the maximum extent practicable. The recommended BMPs, sediment and oil removal device and disinfection device, will assist the GSWMD in meeting the requirements of the Clean Water Act by protecting public health, existing water uses, and aquatic biota from pollutants in storm water discharge from the pump station.

If you have any questions regarding this correspondence, contact me at (574) 246-8780.

Yours very truly,

Greeley and Hansen LLC



Jay H. Nicc

cc: Mr. Charles Peller, P.E., Gary Storm Water Management District
Mr. James B. Meyer, Gary Storm Water Management District
Mr. Don Smales, Greeley and Hansen LLC