MEETING NOTICE

THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION
AT 6:00 P.M. WEDNESDAY, OCTOBER 1, 2008
AT THE COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

NO WORK STUDY SESSION

AGENDA

1. Call to order by Chairman William Biller
2. Pledge of Allegiance
3. Recognition of Visitors and Guests
4. Approval of Minutes from September 3, 2008
5. Chairman’s Report
   • Resignation of Commissioner Steve Davis, IDNR appt.
   • Resignation of Executive Director Dan Gardner
   • 2008 Flood Event
     - Overview of flooding
     - Little Cal flood related expenses – FEMA Reimbursement
   • Summit meeting between Commission, Congressman’s
     Office, RDA, Governor’s Office needs to be held immediately
     to address funding
     - Army Corps Projected Non-Federal Cost Share
6. Action Required:
   Finance: Approval of claims for September 2008
   Approval of O&M claims for September 2008
   Approval of town of Munster claim
   Approval of USGS Hart Ditch gaging station funding –
   Joint agreement with USGS

7. Standing Committees:
   A. Finance Committee – Report by Treasurer Kent Gurley
      • Financial Status Report for end of August 2008
   B. Land Acquisition/Land Management Committee – Chairman Bob Marszalek
      Land Acquisition
      • Appraisals, offers, acquisitions
      • Status of Stage VII, Stage VIII
      Land Management
      • NRCS wetland reserve program
   C. Project Engineering Committee – Chairman Bob Huffman
      • Status of Stage V-2 pipeline corridor (option incorporated into
        contract on 9/24/08)
      • Griffith levee engineering services status
      • Updated status of Stage VII & Stage VIII utilities
      • Forest Avenue levee status
   D. Operations & Maintenance – Chairman Bob Huffman
      • Sluice gate/flip gate inspections completed; pump stations
        inspection cancelled due to flood (will be rescheduled)
      • City of Gary O&M turnover status – Attorney Casale
      • Upcoming O&M turnover to town of Highland
   E. O&M Funding Committee – Chairman Kent Gurley
   F. Legislative Committee – Chairman Bob Marszalek
   G. Environmental Committee – Chairman Bob Marszalek
      • Army Corps report received regarding soils contamination
   H. Recreational Development Committee – Chairman Bob Huffman
   I. Policy Committee – Chairman Bob Marszalek

8. Other Issues / New Business
9. Statements to the Board from the Floor
10. Set date for next meeting; adjournment
Chairman Bill Biller called the meeting to order at 6:10 p.m. Eight (8) Commissioners were present. Pledge of Allegiance was recited. Guests were recognized.

**Development Commissioners:**
- Mark Gordish
- Robert Huffman
- Steve Davis
- Arlene Colvin
- Robert Marszalek
- Kent Gurley
- Bill Biller
- Dave Burrus

**Visitors:**
- Bill Petrites – Highland resident
- Kim Poland – Hammond Councilwoman
- Susan Brown – The Times
- Vanessa Villarreal – USACE
- Lynne Whelan – USACE
- Christine Kutkowski – Hammond resident
- Karen Lorenz – Hammond resident
- Mike Zarantello – Hammond resident

**Staff:**
- Dan Gardner
- Sandy Mordus
- Lou Casale
- Judy Vamos
- Lorraine Kray

The minutes of the meeting held on August 6, 2008 were approved by a motion from Bob Huffman; motion seconded by Dave Burrus; motion passed unanimously.

**Chairman’s Report** – Chairman Biller stated that he, as well as Dan Gardner and attorney Casale, attended a meeting in the Mayor’s Office with the city of Hammond regarding Stage V-2 construction, funding, and the right-of-entry. Others in attendance were the city engineer's office, Redevelopment Commission, Cabela’s, Christopher Burke Engineering, Congressman’s Office, and the Army Corps. There were two remaining easements on the V-2 option that have now been acquired and the complete Right-of-Entry for Stage V-2 was given to the Corps at the meeting. Having acquired the easements from NIPSCO and the NSRR, the contractor can begin work on the pipeline corridor. We had stated at the previous meeting that the options would be acquired by late August and that time frame was met.

**Action Required** – Treasurer Kent Gurley presented items for action.
- Mr. Gurley made a motion to approve the revised claim sheet distributed to Commissioners for August in the amount of $189,819.58; motion seconded by Bob Marszalek; motion passed unanimously.
- Mr. Gurley made a motion to approve the O&M claims in the amount of $21,231.04; motion seconded by Bob Huffman; motion passed unanimously. Chairman Biller inquired about the claims from Austgen Electric. Jim Pokrajac replied that the claim for $10,350 fulfills the original contract we had with Austgen. The other claims are new charges for cleaning of pump stations that must be done so the stations keep working until the city of Gary takes over O&M.
• Mr. Gurley made a motion to approve the Munster claim in the amount of $16,600 for DC-1226; motion seconded by Bob Marszalek; motion passed unanimously. Staff will submit the claim to the town of Munster for payment.

• Mr. Gurley referred to the letter received from USGS in which they ask us to sign a Joint Funding Agreement for the installation, operation and maintenance of a gaging station on Hart Ditch in Munster for the period of 10/1/08 thru 9/30/09 at a cost of $6,500. This is the same agreement we have previously had each year with the USGS. Mr. Gurley made a motion to enter into the agreement with USGS; motion seconded by Dave Burrus; motion passed unanimously. Jim Pokrajac questioned the agreement. He stated that the old gaging station was torn out and he understood that a new solar powered station would be built as part of the project. Only temporary monitoring is going on at present. That being said, the members withdrew the motion until further information could be presented.

Executive Director’s Report – Mr. Gardner referred to the proposed letter being sent to Bill Sheldrake, financial advisor to the RDA, requesting detailed cost information and monies needed to complete the project. The monies are critical for continued acquisition costs and utility relocation work in Stage VII and VIII.

• Mr. Gardner referred to the letter from Roy Deda, Army Corps Deputy for Project Management, in which he says that the advertisement of the Stage VII construction contract (from Northcote to Columbia) will not happen at this time. There are several easements that have not been acquired at this point, as well as five utility maintenance agreements that are outstanding. Once all have been acquired, the Corps will advertise. Chairman Biller asked if there was a target date; Mr. Gardner replied that the agreements have been mailed to the utilities; the total cost for Stage VII utilities is only about $50,000.

Finance Committee – Committee Chairman Kent Gurley referred to the financial statement for July in the agenda packet. Finance action has already been taken.

Land Acquisition/Land Management Committee – Committee Chairman Bob Marszalek referred to Judy Vamos for a report. She distributed an up-to-date acquisition report to members.

• Staff is still pursuing the possibility of a NRCS wetland program on Commission lands. A person has been identified at IDEM that we can work with. Hopefully, we will have a positive report at the next meeting.

Project Engineering Committee – Committee Chairman Bob Huffman gave the committee report. He reported that all pipeline agreements were obtained for the V-2 pipeline corridor. They are signed and cost estimates identified.

• The proposal received from Christopher Burke Engineering for the Griffith levee has been tabled until we can secure monies from the RDA. Staff has been in contact with the company and they understand the funding situation.

• Regarding Stage VII utilities, we received estimated costs today from NIPSCO and forwarded them to the Corps for their approval. The utility relocation agreement for Munster is a minor cost; and all 5 maintenance agreements have been sent out.
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September 3, 2008
Page 3

- Stage VIII utilities are ongoing. Army Corps final engineering is still pending. SEH has been a tremendous help with the utilities. They are gathering cost estimates and we will be putting agreements together very soon.
- Mr. Gardner stated we are in the process of identifying real estate on Forest Avenue and then the Corps will be an analysis of what exists there now. They have stated that 15’ is needed as a public easement. There are no public easements in place at the present. The city of Hammond built that levee, to Corps standards, after the 1981 flood.
- Mr. Huffman reported that the right-of-entry for Pump Station 2A contract has been signed and given to the Army Corps. The Corps is doing paperwork with the contractor now and construction should begin shortly. The contract was awarded to Thieneman Construction on June 26, 2008. This contract is for Forest Avenue pump station rehabilitation and Tapper Avenue pump station rehabilitation. Since we have the easements needed for the Pump Station 2B contract, we have asked the Corps to send us a right-of-entry so we can sign it but we have not currently received it.
- Jim Pokrajac and Dan Gardner, as well as Town of Munster, an City of Hammond engineers, met with the Lake County Highway Dept. and the Army Corps in regard to the raising of the Columbia Avenue bridge. Additional funding is needed to raise the bridge deck but sandbagging would not have to be done in a flood event if it could be raised.

**Operation & Maintenance Committee** – Committee Chairman Bob Huffman asked Mr. Pokrajac how the levee inspections went. Mr. Pokrajac replied that the inspections went very well; very little repair needs to be done. Sluice gate and pump station inspections will be done next. A final punch list would be comprised about mid-Oct.
- Attorney Casale announced that the city of Gary’s attorney approved the proposed O&M agreement. It now has to go to the Attorney General’s Office for approval.

**O&M Funding Committee** – There was no report.

**Legislative Committee** – Mr. Gardner stated that the next legislative session of 2009-2011 needs to identify some sort of “pay-back” schedule to the RDA. He will be working with some of the area legislators, especially Senator Frank Mrvan. They need to explore a mechanism for funding identification. Bob Huffman inquired about federal funding for O&M through FEMA or the possibility of receiving funding for construction and O&M at the same time. Mr. Gardner replied that we really need to get serious about O&M and how to fund it. We need to start with the municipalities.

**Environmental Committee** – Mr. Gardner stated that the Corps will be submitting a report to us in regard to soil contamination found in the line of protection.

**Recreation Committee** – Mr. Huffman reported that he read that Highland is having a town race and part of the course will be on the levee trail. Mr. Gardner stated that we were not contacted and there could be a liability issue. He will contact the town. It was stated that they should give us a waiver of liability.
LCRBDC Minutes
September 3, 2008
Page 4

Policy Committee - There was no report.

Other Business – There was none.

Statements from the Floor – Numerous statements were received from the floor from residents in Stage VIII

There being no further business, the meeting was adjourned. The next scheduled Board meeting is set for 6:00 p.m. on Wednesday, October 1, 2008.
October 10, 2008

TO: Robert Marszalek, Vice Chairman
    Kent Gurley, Treasurer
    Mark Gordish, Secretary
    Bill Baker
    David Burrus
    Arlene Colvin
    Dan Dernulc
    Robert Huffman
    Ron McAhron
    John Mroczkowski

FROM: William Biller, Chairman

MEETING NOTICE

THERE WILL BE AN EXECUTIVE SESSION
AT 5:00 P.M. THURSDAY
OCTOBER 16, 2008
TO DISCUSS PERSONNEL AND LITIGATION

AND

A SPECIAL MEETING
AT 6:00 P.M. THURSDAY
(FOLLOWING THE EXECUTIVE SESSION)
TO DISCUSS PERSONNEL, BUDGET, OTHER ITEMS
AS DEEMED NECESSARY

AT THE
COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

cc: Congressman’s Office, Lou Casale (LCRBDC Attorney), Media
MEETING NOTICE

THERE WILL BE A FINANCE COMMITTEE MEETING

AT 4:30 P.M. WEDNESDAY
OCTOBER 29, 2008

TO DISCUSS BUDGET AND FUNDING ISSUES

AT THE
COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, INDIANA
Finance Committee
Conference Call
1-866-249-5279
Host # 657612
Participant # P84360

9 TOTAL

35 minutes

$60 per hour
40 hours
$2400 total

Transport

$2000 additional
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October 10, 2008

TO: Robert Marszalek, Vice Chairman
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AS DEEMED NECESSARY

AT THE
COMMISSION OFFICE
6100 SOUTHPORT ROAD
PORTAGE, INDIANA

cc: Congressman’s Office, Lou Casale (LCRBDC Attorney), Media
September 23, 2008

Robert Carter, Director
Indiana Department of Natural Resources
402 W. Washington Street
Room W256
Indianapolis, IN 46204

Dear Mr. Carter:

I, Stephen E. Davis, hereby respectfully resign from the Little Calumet River Basin Development Commission effective as of September 23, 2008.

Respectfully,

Stephen E. Davis
Lake Michigan Specialist
Department of Natural Resources
## LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
### MONTHLY BUDGET REPORT

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<td>5902</td>
<td>GARCIA CONSULTING ENGINEERS</td>
<td>1,483.75</td>
<td>UTILITY RELocation SVII</td>
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</table>

TOTAL 85,764.58
APPROVAL TO PAY THE FOLLOWING INVOICES
FROM O&M FUND
OCTOBER, 2008

- $78.01 to T-Mobile for costs incurred for cell phone for engineer field work; monthly service 8/11/08 – 9/10/08
- $2,184.00 to Austgen Electric Inc. for inspection of sluice gates in Griffith, Hammond, and Gary
- $1,652.28 to Highland Lock and Key for cost incurred for project locks for entire project segments

Total $3,914.29
**STAGE VII – MUNSTER**  
(NORTHCOATE TO COLUMBIA, SOUTH OF RIVER)

Claims payable for October 2008  
To be drawn from Munster – up to $302,000

<table>
<thead>
<tr>
<th>Budget Code</th>
<th>DC Number</th>
<th>Amount</th>
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<tr>
<td>5860</td>
<td>DC-1303</td>
<td>$1,775.00</td>
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</table>

Total $1,775.00

(Claim total previously approved and paid out - $228,620)

(After this payout, remaining monies from the town of Munster is $72,158.00)
THIS AGREEMENT is entered into as of the 14 day of August, 2008, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Little Calumet River Basin Commission, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation of a program to operate a streamflow gaging station on Hart Ditch at Munster, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of $0.

   (a) $5,500
       October 1, 2008 to September 30, 2009

   (b) $6,500
       October 1, 2008 to September 30, 2009

   (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

   (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered Annually. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

Little Calumet River Basin Commission
Department of the Interior

Customer Point of Contact
Name: Sandy Mordus
Address: Little Calumet River Basin Commission
6100 Southport Road
Portage, IN 46368
Telephone: (219) 763-0696
Email: littlecal@nirpc.org

Signatures

By: ___________________________ Date: ___________________________
Name: William R. Guertal
Title: Director, IN WSC

By: ___________________________ Date: ___________________________
Name: 
Title: 

By: ___________________________ Date: ___________________________
Name: 
Title: 

By: ___________________________ Date: ___________________________
Name: 
Title: 

By: ___________________________ Date: ___________________________
Name: 
Title: 

By: ___________________________ Date: ___________________________
Name: 
Title: 

https://gsvesa01.er.usgs.gov/WebForms/9-1366R.nsf/c2b886045170c623852571330054... 8/14/2008
### Cash Position - January 1, 2008

**Checking Account**
- **Land Acquisition**: 192,364.22
- **General Fund**: 81,354.75
- **Tax Fund**: 0.00
- **Investments**: 89,504.55
- **Savings**: 89,504.55
- **Escrow Account Interest**: 12,563.68

**Total Receipts**: 376,712.54

### Receipts - January 1, 2008 - August 31, 2008

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lease Rents</td>
<td>41,018.32</td>
</tr>
<tr>
<td>Interest Income (from Checking)</td>
<td>974.27</td>
</tr>
<tr>
<td>Land Acquisition</td>
<td>1,143,288.95</td>
</tr>
<tr>
<td>Escrow Account Interest</td>
<td>11,497.05</td>
</tr>
<tr>
<td>Misc. Receipts</td>
<td>49,828.80</td>
</tr>
<tr>
<td>KRBC Reimbursement Re: Telephone Charge</td>
<td>978.01</td>
</tr>
<tr>
<td>Transferred from Savings</td>
<td>83,449.74</td>
</tr>
<tr>
<td>City of Munster for Properties</td>
<td>18,917.00</td>
</tr>
<tr>
<td><strong>Total Receipts</strong></td>
<td>1,351,952.14</td>
</tr>
</tbody>
</table>

### Disbursements - January 1, 2008 - August 31, 2008

**Administrative**
- PER DIEM: 5,650.00
- Legal Services: 2,666.64
- NRPC: 108,821.33
- Travel & Mileage: 1,454.28
- Printing & Advertising: 1,160.91
- Bonds & Insurance: 6,738.25
- Telephone Expense: 5,972.73
- Meeting Expense: 113.50

**Land Acquisition**
- Legal Services: 89,523.22
- Appraisal Services: 107,150.00
- Engineering Services: 26,424.31
- Land Purchase Contractual: 30,870.00
- Facilities/Project Maintenance Services: 0.00
- Operations Services: 52,650.00
- Land Management Services: 165,292.92
- Surveying Services: 138,987.22

**Miscellaneous Expenses**
- Economic/Marketing Sources: 0.00
- Property & Structure Costs: 426,657.76
- Moving Allocation: 0.00
- Taxes: 0.00
- Property & Structures Insurance: 0.00
- Utility Relocation Services: 101,348.21
- Land Capital Improvement: 0.00
- Structural Capital Improvements: 0.00
- Bank Charges Harris Bank: 33.00
- Pass Through for Savings: 64,620.50
- Payback to Savings: 0.00
- **Total Disbursements**: 1,335,744.78

### Cash Position - August 31, 2008

**Checking Account**
- **Land Acquisition**: 210,948.54
- **General Fund**: 67,401.08
- **Tax Fund**: 0.00
- **Total Funds in Checking Account**: 278,349.62

**Chase Savings Account Balance**
- 27,826.85

**Note**: O & M Fund comprised of remaining L.B. Money, $185,000 Interest Money, and $123,721.49 Marina Said Money

**Savings Interest**: 264.36

**Total Savings**: 27,826.85

**Escrow Account Interest Available**: 4,345.11

**Total of All Accounts**: 310,521.58
(ACTION)

There are no condemnations.
There are no increased offers.

STAGE VII UPDATE – (Northcote to Columbia)
- all 48 acquisitions have been accepted
- 45 have been closed and recorded
- 3 are in final stages of signing the closing documents

STAGE VIII UPDATE: (Columbia to Hohman Avenue)
Of 96 acquisitions
- 26 are in condemnation
- 2 are in negotiations (CSX Railroad and NICTD)
- 65 are accepted and closed
- 3 are in final stages of signing closing documents

EAST REACH (I-65 to Cline Avenue)
These are 21 properties in this area where we need to impose a Flowage Easement. These acquisitions were put “on hold for later acquisition” when Stages VII and VIII became priorities. These are flowage, not construction, and acquisition could be resumed and completed now that VII and VIII are coming to a close.
**ESTIMATED O&M COSTS THROUGH END OF 2008**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$10,000</td>
<td>The remaining money from the approved Austgen Electric sluice gate/flap gate contract to complete the work on the structure east of Broadway</td>
</tr>
<tr>
<td>2</td>
<td>$10,000</td>
<td>Miscellaneous anticipated repairs to the six pump stations in Gary which could include electric repair, cleaning trash racks, and work on the impellers</td>
</tr>
<tr>
<td>3</td>
<td>$10,000</td>
<td>Anticipated cost to re-inspect sluice gates/flap gates after the flood and to re-clean the flap gates that are stuck open and to clean, test, and operate the sluice gates.</td>
</tr>
<tr>
<td>4</td>
<td>$5,000</td>
<td>To complete the second part of the annual mowing of the levees cost</td>
</tr>
<tr>
<td>5</td>
<td>$10,000</td>
<td>Based upon the levee inspections we had with the Army Corps, there were a number of areas where overgrowth needs to be removed in collector ditches and in those areas within 15' of the line of protection</td>
</tr>
<tr>
<td>6</td>
<td>$4,000</td>
<td>Based upon the levee inspections earlier this year, there are a number of locations where access gates needs to be repaired or replaced and a number of areas where bollards are missing</td>
</tr>
<tr>
<td>7</td>
<td>$4,200</td>
<td>Previously-submitted invoice from Austgen Electric to do repairs to the electric and pumps at the 32nd and Cleveland pump station to assure continued operation.</td>
</tr>
<tr>
<td>8</td>
<td>$5,000</td>
<td>To construct a slag work platform for future culvert clean-ups</td>
</tr>
</tbody>
</table>

$58,200 Total Estimated O&M Costs

$27,622.49 Currently contained in O&M Savings account

No future funds earmarked for this O&M account
ESTIMATED EMERGENCY RESPONSE COSTS INCURRED DURING RECENT FLOODING OF 2008.

$15,000  Cost from Dyer Construction to remove the log jam west of Martin Luther King Drive
$11,450  Cost to remove additional material from the culverts that have accumulated since our original removal (This work has currently not been done)
$15,000  Detailed costs submitted to us by Austgen Electric for their assistance during the flood event which included the closing of sluice gates, checking to assure that flap gates were closed, repairing pump stations during the flood that were not operating, and to assist me by doing miscellaneous field inspections in areas of concern
$7,000   The cost incurred by Jim Pokrajac for his participation in emergency response coordination from Saturday September 13 through Tuesday September 23 which includes time and mileage.
$48,450  Total Estimated Emergency Response Costs

WE ARE HOPING TO SUBMIT THESE COSTS TO FEMA FOR EMERGENCY RESPONSE REIMBURSEMENT
September 24, 2008

Mr. William Biller, Chairman
Little Calumet River Basin Development
6100 Southport Rd
Portage, IN 46368

Dear Mr. Biller:

I, Robert E. Carter, Jr., hereby appoint Ron McAhron as the member representing the Indiana Department of Natural Resources on the Little Calumet River Basin Development Commission effective as of September 24, 2008.

Respectfully,

[Signature]

Robert E. Carter, Jr.
Director
NOTICE TO PUBLIC SPONSORS

REPLY TO:
US ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT
Construction Operations Branch, Readiness Section
111 N. Canal St. Suite 600
Chicago, Illinois, 60606-7206

DATE: 23 September 2008

APPLICATION PERIOD EXPIRES 24 October 2008

REHABILITATION ASSISTANCE FOR FLOOD-DAMAGED FLOOD CONTROL PROJECTS

1. Public Sponsors of flood control projects that sustained damages due to flooding during the period 14 September 2008 to 22 September 2008, have until 24 October 2008 to apply for Public Law 84-99 Rehabilitation Assistance from the US Army Corps of Engineers, Chicago District.

2. The Corps of Engineers has authority under Public Law 84-99 to supplement local efforts in the repair of both Federal (Corps-constructed, locally operated and maintained) and non-Federal (constructed by non-Federal interests or by the Work Projects Administration (WPA)) flood control projects damaged by flood.

   a. For a non-Federal flood control project to be eligible for Rehabilitation Assistance, it must have been inspected, evaluated, and accepted into the Corps Rehabilitation and Inspection Program (i.e., granted Active status) prior to the onset of the flood, and still be Active (based on the latest Continuing Eligibility Inspection) at the time of the flood.

   b. For a Federal flood control project to be eligible for Rehabilitation Assistance, it must be in an Active status by having passed its last Inspection of Completed Works inspection.

   c. Rehabilitation Assistance will be provided by the Corps only when the work is economically justifiable, the damage was sustained during the recent flood event, and the cost of repairs is more than $15,000.

   d. Rehabilitation Assistance for a non-Federal project is cost shared between the Public Sponsor and the Corps of Engineers. The Public Sponsor must provide 20 percent of the cost of the Rehabilitation Assistance. Rehabilitation of Federal projects will be at 100 percent Federal cost.

3. All requests for assistance made to the Corps will be coordinated with the Federal Emergency Management Agency (FEMA) and the Natural Resources Conservation Service (NRCS) to prevent duplication of benefits.
4. If the Public Sponsor believes that its project may qualify for Rehabilitation Assistance, a written request must be submitted to the Corps of Engineers at the address above. The request must be signed by an officer or responsible official of the Public Sponsor, and must include:

a. Name and telephone number of the Public Sponsor's point of contact;

b. Legal name of the flood control project;

c. Date and results of the last inspection by the Corps of Engineers;

d. Location of the flood control project by township, section, range, city, and county;

e. Location(s) of the damaged section(s), and extent of the damage at each location; and

f. Waterway causing the flood.

5. Upon receipt of the Public Sponsor's request, the Corps of Engineers will schedule an inspection with the Public Sponsor. If you have any questions, contact Drew Benziger at (312) 846-5475 for assistance.

Vincent V. Quarles
Colonel, U.S. Army
District Commander
## Little Calumet River F
### Projected Federal Fiscal

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
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<td>Burr Street 2 (Gary)**</td>
<td>$2,400,000</td>
<td>$1,400,000</td>
<td>$1,300,000</td>
<td>$3,200,000</td>
<td>$70,000</td>
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<td>$700,000</td>
<td>$320,000</td>
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<td>$500,000</td>
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<td>Burr Street 2 (LCRBDC)</td>
<td>$3,300,000</td>
<td>$1,460,000</td>
<td>$1,300,000</td>
<td>$3,800,000</td>
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<td>$700,000</td>
<td>$320,000</td>
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<td>Pump Station 1A</td>
<td>$4,800,000</td>
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<td>North 6th Pump Station</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Stage VI-1 E</td>
<td>$6,730,000</td>
<td>$1,290,000</td>
<td>$610,000</td>
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<td>$70,000</td>
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<td>$700,000</td>
<td>$320,000</td>
<td>$320,000</td>
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<tr>
<td>Stage VI-1 N</td>
<td>$5,567,000</td>
<td>$3,162,000</td>
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<td>$700,000</td>
<td>$320,000</td>
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<td>$700,000</td>
<td>$320,000</td>
<td>$320,000</td>
<td>$500,000</td>
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<tr>
<td>A/E Contracts</td>
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<td>$700,000</td>
<td>$320,000</td>
<td>$320,000</td>
<td>$500,000</td>
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<tr>
<td>Stage VI-2</td>
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<td>$1,816,000</td>
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<td>$1,750,000</td>
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<td>$700,000</td>
<td>$320,000</td>
<td>$320,000</td>
<td>$500,000</td>
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<tr>
<td>Stage V-2 &amp; V-3</td>
<td>$12,180,760</td>
<td>$2,882,721</td>
<td>$210,000</td>
<td>$3,100,000</td>
<td>$70,000</td>
<td>$70,000</td>
<td>$700,000</td>
<td>$320,000</td>
<td>$320,000</td>
<td>$500,000</td>
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<tr>
<td>Stage V-2 Bridge</td>
<td>$2,158,900</td>
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<td>$290,000</td>
<td>$500,000</td>
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<td>$700,000</td>
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<tr>
<td>Stage VIII</td>
<td>$18,000,000</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Stage III Remediation**
- Wetlands Mitigation: $1,170,000
- Landscaping 2: $650,000
- Pump Station 2 A: $1,820,000
- Pump Station 2 B: $20,500,000
- Wetlands Mitigation (Habitat): $4,000,000
- 27th Ave & Chase (Miscellaneous): $1,500,000
- Recreation Ctr 2: $1,000,000

**Total**: $12,600,301

*(already given to Corps)*
Little Calumet River Basin

Preliminary Flood Frequency Estimate
Sept 13th and 14th Radar Image Precipitation
September 13 and 14 Precipitation for the Burr Street Gage in Gary

--- Provisional Data Subject to Revision ---
September 13 and 14 Precipitation for the Hart Ditch Gage in Dyer
Precipitation/Duration

- Little Calumet River at Burr Street Gage in Gary Precipitation Gage reported 8.12 inches in 40 hours over September 13\textsuperscript{th} and 14\textsuperscript{th} 2008
- Hart Ditch at Dyer Precipitation Gage reported 7.87 inches in 40 hrs on September 13\textsuperscript{th} and 14\textsuperscript{th} 2008
- These gages are centrally located in the Little Calumet River basin
- Average of the two gages is 8.0 inches in 40 hrs.
### Bulletin 70 Areal Adjustment Factor
Translation of areal rainfall to point rainfall
8.0 inches/0.95 = 8.4 inches

#### Table 35. Relations between Areal Mean and Point Rainfall Frequency Distributions

<table>
<thead>
<tr>
<th>Storm period (hours)</th>
<th>10 sq mi</th>
<th>25 sq mi</th>
<th>50 sq mi</th>
<th>100 sq mi</th>
<th>200 sq mi</th>
<th>400 sq mi</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>0.88</td>
<td>0.80</td>
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Estimation of precipitation frequency

- Using Figure 9 of Bulletin 70 and extrapolating the 8.4 inches of precipitation during a 40 hour duration translates to a 120 year precipitation event. (see next slide)
Figure 9. Frequency distributions of rainfall for ten Illinois climatic sections for storm periods of 5 minutes to 10 days and recurrence intervals of 2 months to 100 years.

(1%) 200 yr

(0.5%)
Additional Considerations

- The 120 year flood estimate is the minimum estimate of the flood event, but it is anticipated that the actual event reflects a less frequent (larger) flood event due to the following factors:

  - Previously saturated conditions in the watershed due to previous rainfall
  - Flood storage in the basin filled by the previous rainfall (most critically within the project limits east of Hart Ditch)
  - Elevated baseflow conditions in the basin due to previous rainfall
  - Greater precipitation in the Deep River Basin that created a larger flood event on Deep River/Burns Ditch and inhibited flows eastwardly out of the project
  - Log Jam conditions

- This is the estimate with the readily available data at hand, the frequency estimate may be adjusted as more data becomes available
10 Day Precipitation for the Hart Ditch Gage in Dyer

USGS 05536179 HART DITCH AT DYER, IN

--- Provisional Data Subject to Revision ---
10 day Precipitation for the Burr Street Gage in Gary

USGS 41339087223001 LITTLE CALUMET RIVER AT BURR STREET AT GARY, IN

--- Provisional Data Subject to Revision ---
Pre-Event Increased Baseflow at South Holland Gage

Discharge, cubic feet per second

USGS 05536290 LITTLE CALUMET RIVER AT SOUTH HOLLAND, IL

Sep 06  Sep 13  Sep 28

Δ Median daily statistic (60 years)  ★ Measured discharge

--- Provisional Data Subject to Revision ---
Pre-Event Increased Stages/Loss of Flood Storage per Burr Street Gage

USGS 41339087223001 LITTLE CALUMET RIVER AT BURR STREET AT GARY, IN

--- Provisional Data Subject to Revision ---
Log Jam at East End of Project
Jim Pokrajac

From: Ackerson, Rick D LRC [Rick.D.Ackerson@usace.army.mil]
Sent: Thursday, September 25, 2008 12:28 PM
To: Sorn, Linda M LRC; Abou-El-Seoud, Shamel LRC; Davis, Susanne J LRC; Deda, Roy J LRC; Schmidt, Joseph J LRC; Jim Pokrajac
Cc: Su, Tzuch-Ying LRC; Schmidt, Joel L LRC
Subject: Preliminary Estimate of Flood Frequency for Little Calumet River (UNCLASSIFIED)

LittleCal08Freq.ppt
(2 MB)

Classification: UNCLASSIFIED
Caveats: NONE

Classification: Caveats: *NOTICE: *NOTICE:
Classification: UNCLASSIFIED
Caveats: NONE

All,

Fyi

Rick

Rick D. Ackerson
Hydraulic Engineer
U.S. Army Corps of Engineers
Chicago District
111 N. Canal St.
Chicago, IL 60606
Phone: (312)-846-5511
e-mail: rick.d.ackerson@usace.army.mil
Fax: (312)-353-2156
Classification: UNCLASSIFIED
Caveats: NONE

Classification: Caveats:
Classification: UNCLASSIFIED
Caveats: NONE
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# POTENTIAL FUNDING SOURCE FROM LCRBDC EXCESS LANDS

<table>
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<tr>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>REQUEST</th>
<th>ANTICIPATED AMOUNT</th>
<th>ACTION REQUIRED</th>
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| Stan Stumm & Assoc. (Tower for communications)   | S.E. quadrant of 35th and Chase               | To purchase LCRBDC land with his building and tower on it               | $5,000 per acre based upon Berkheimer cost 2003 | > Decide on amount to ask  
  > Get acreage  
  > Lou to work with AG office |
| View Outdoor (Billboards)                        | Adjacent to both sides of 80/94               | > Currently have 12 signs  
  > Would like to add 4 new  
  > Extend lease on 12 signs an additional 10 yrs.  
  (Pay 1st year rental in advance) | 4 new signs — $36,000  
  12 existing — $108,000  
  Total — $144,000          | > Make motion to approve  
  > Add 4 new locations  
  > Increase 12 leases  
  > 1st step is to ask for pre-pay of current year  
  > If need public solicitation, tell View a general request for proposals of any additional qualified sites would be solicited/expedited. |
| GRW (For Indiana/American Water Co.)             | West of Bernheimer's & North of 35th Ave      | Purchase approx. 1 acre of land for use as a water booster pump station. | Cost to be discussed                        | > Decide on amount to ask  
  > Lou to work with AG office |
| NRCS (Wetlands reserve program)                   | River side of levees between Chase and Grant  
  (Approx. 200 acres)                       | Program, if successful, will pay conservation easements and restore this area to wetland habitat. | Max. cost/acre $3,392 for Lake County.       | > Coordinate with all parties to allow this to allow this proposal to go through ranking process (some acreage is needed to complete hydra soil requirements for nutrition)  
  > If scored highly, then develop plan to meet all regulatory issues with all parties. |
| LEL (Lake Erie Land)                             | East of Clay St. N. of Burns Ditch (Approx. 26-32 acres) | From LEL to use land for wetland banking. (All adjacent land is currently being used for this purpose) | Final proposal not worked out on paper -- up front money in lump sum plus amount/acre for each acre sold. | > Need to work out agreement with LEL  
  > Lou to work with AG office |

Notes:
1. Received initial request from Chicago Tower leasing on June 10, 2003.
2. In early August, 2008, View Outdoor contacted LCRBDC to see if we could meet to discuss additional sites & revenue.
3. August 15th, first e-mail to set up meeting to look at maps.
4. Met on October 9th where View trade proposal.
5. NRCS (Wetlands reserve program) received written request from GRW on October 6th, 2008. Preliminary site evaluation was positive.
6. Wetland restorations have support of recently completed watershed plan.
7. Would produce high quality wetlands & water quality.
8. To resolve -- IDEM wants this area for hydric soils as part of mitigation requirement.
9. LEL currently doing environmental "due diligence" on site.
10. Tom Godfried (LEL attorney) indicated a "proposal" would then be made.
11. Staff to provide any site material & should encourage proposal as soon as feasible.