



# Little Calumet River Basin Development Commission

6100 Southport Road  
Portage, Indiana 46368

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

WILLIAM BILLER, Chairman  
*Governor's Appointment*

ROBERT MARSZALEK, Vice Chairman  
*Governor's Appointment*

R. KENT GURLEY, Treasurer  
*Lake County Commissioners' Appointment*

MARK GORDISH, Secretary  
*Mayor of Hammond's Appointment*

DAVID BURRUS  
*Porter County Commissioners' Appointment*

ARLENE COLVIN  
*Mayor of Gary's Appointment*

STEVE DAVIS  
*Dept. of Natural Resources' Appointment*

ROBERT HUFFMAN  
*Governor's Appointment*

JOHN MROCZKOWSKI  
*Governor's Appointment*

VACANCY  
*Governor's Appointment*

VACANCY  
*Governor's Appointment*

DAN GARDNER  
*Executive Director*

LOU CASALE  
*Attorney*

## MEETING NOTICE

THERE WILL BE A MEETING OF THE  
LITTLE CALUMET RIVER BASIN  
DEVELOPMENT COMMISSION  
AT 6:00 P.M. WEDNESDAY, 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

1-4  
5

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

6-7  
8  
9  
10-11

7. Standing Committees:

A. Finance Committee – Report by Treasurer Kent Gurley

- Financial Status Report for end of August 2008

12

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/flap 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

**MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT**  
**COMMISSION HELD AT 6:00 P.M. WEDNESDAY, SEPTEMBER 3, 2008**  
**6100 SOUTHPORT ROAD**  
**PORTAGE, INDIANA**

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.

- 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.**



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1) WILLIAM BILLER, Chairman  
Governor's Appointment

2) ROBERT MARSZALEK, Vice Chairman  
Governor's Appointment

3) R. KENT GURLEY, Treasurer  
Lake County Commissioners' Appointment

4) MARK GORDISH, Secretary  
Mayor of Hammond's Appointment

5) DAVID BURRUS  
Porter County Commissioners' Appointment

6) ARLENE COLVIN  
Mayor of Gary's Appointment

STEVE DAVIS  
Dept. of Natural Resources' Appointment

7) ROBERT HUFFMAN  
Governor's Appointment

8) JOHN MROCZKOWSKI  
Governor's Appointment

VACANCY  
Governor's Appointment

VACANCY  
Governor's Appointment

DAN GARDNER  
Executive Director

LOU CASALE  
Attorney

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





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**WILLIAM BILLER, Chairman**  
*Governor's Appointment*

**October 24, 2008**

**ROBERT MARSZALEK, Vice Chairman**  
*Governor's Appointment*

**R. KENT GURLEY, Treasurer**  
*Lake County Commissioners' Appointment*

**TO:**

**Kent Gurley, Treasurer**  
**Arlene Colvin**  
**John Mroczkowski**  
**Dan Dernulc**  
**Ron McAhron**

**MARK GORDISH, Secretary**  
*Mayor of Hammond's Appointment*

**WILLIAM BAKER**  
*Governor's Appointment*

**FROM:**

**William Biller, Chairman**

**DAVID BURRUS**  
*Porter County Commissioners' Appointment*

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

**DAN DERNULC**  
*Governor's Appointment*

**ROBERT HUFFMAN**  
*Governor's Appointment*

**RON McAHRON**  
*Dept. of Natural Resources' Appointment*

**JOHN MROCKOWSKI**  
*Governor's Appointment*

## **MEETING NOTICE**

**THERE WILL BE A FINANCE COMMITTEE MEETING**

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

**TO DISCUSS BUDGET AND FUNDING ISSUES**

**VACANCY**  
*Executive Director*

**LOUIS CASALE**  
*Attorney*

**AT THE  
COMMISSION OFFICE  
6100 SOUTHPORT ROAD  
PORTAGE, INDIANA**

cc: Congressman's Office, Lou Casale (LCRBDC Attorney), Media





# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

Special  
meeting

NAME OF MEETING: LCRBDC DATE: 10-16-08

LOCATION: \_\_\_\_\_ CHAIRMAN: \_\_\_\_\_

**PLEASE SIGN IN**

|    | NAME (PLEASE PRINT) | ORGANIZATION, ADDRESS, PHONE NUMBER   |
|----|---------------------|---------------------------------------|
| 1  | Robert Farley       | Griiffith Golf Cntr 1901 N. Cline Ave |
| 2  | Liz Johnson         | OFFICE OF PETE VISCIOSKY              |
| 3  | Mark Lopez          | OFFICE OF PETE VISCIOSKY              |
| 4  | PAUL DANIELS        | 8308 CASTLE DRIVE MUNSTER.            |
| 5  | SUSAN BROWN         | TIMES                                 |
| 6  | JOHN SWANSON        | NIRPC                                 |
| 7  | DAVID WILLIAMS      | Town of Munster                       |
| 8  | Bill Howard         | MUNSTER                               |
| 9  | Tom Ball            | MUNSTER                               |
| 10 |                     | LAKE SHORE TV                         |
| 11 | MIKE MELLON         |                                       |
| 12 | Tom De Guilio       |                                       |
| 13 | JANIK               |                                       |
| 14 | ERIC POTTER         |                                       |
| 15 |                     |                                       |
| 16 |                     |                                       |
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| 23 |                     |                                       |
| 24 |                     |                                       |
| 25 |                     |                                       |

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**

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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



Mitchell E. Daniels, Jr., Governor  
Robert E. Carter, Jr., Director

# **DNR**

Indiana Department of Natural Resources


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

An Equal Opportunity Employer  
Printed on Recycled Paper

*LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION*  
*MONTHLY BUDGET REPORT*

|                                 | 2008         |            |           |            |            |            |            | UNALLOCATED             |
|---------------------------------|--------------|------------|-----------|------------|------------|------------|------------|-------------------------|
|                                 | BUDGET       | JANUARY    | FEBRUARY  | MARCH      | APRIL      | MAY        | JUNE       | ALLOCATED BUDGETED      |
|                                 |              |            |           |            |            |            |            | TOTAL BALANCE           |
| 5801 PER DIEM EXPENSES          | 7,000.00     | 0.00       | 0.00      | 0.00       | 0.00       | 0.00       | 2,250.00   | 2,250.00 4,750.00       |
| 5811 LEGAL EXPENSES             | 3,500.00     | 283.33     | 283.33    | 283.33     | 283.33     | 283.33     | 283.33     | 1,699.98 1,800.02       |
| 5812 NIRPC SERVICES             | 149,000.00   | 13,001.37  | 0.00      | 14,085.52  | 14,033.34  | 15,022.21  | 26,479.89  | 82,622.33 66,377.67     |
| 5821 TRAVEL/MILEAGE             | 2,000.00     | 36.40      | 7.60      | 28.80      | 30.00      | 30.80      | 544.00     | 677.60 1,322.40         |
| 5822 PRINTING/ADVERTISING       | 1,000.00     | 985.04     | 0.00      | 0.00       | 0.00       | 0.00       | 0.00       | 985.04 14.96            |
| 5823 BONDS/INSURANCE            | 8,000.00     | 257.00     | 0.00      | 6,406.25   | 0.00       | 0.00       | 0.00       | 6,663.25 1,336.75       |
| 5824 TELEPHONE EXPENSES         | 6,500.00     | 793.07     | 561.95    | 530.28     | 478.15     | 622.82     | 582.55     | 3,568.82 2,931.18       |
| 5825 MEETING EXPENSES           | 3,000.00     | 0.00       | 0.00      | 0.00       | 0.00       | 59.20      | 70.00      | 129.20 2,870.80         |
| 5840 PROFESSIONAL SERVICES      | 842,539.00   | 84,750.52  | 67,775.93 | 114,554.88 | 90,076.24  | 58,099.53  | 49,047.65  | 464,304.75 378,234.25   |
| 5860 PROJECT LAND PURCHASE EXP. | 842,539.00   | 15,545.00  | 21,510.00 | 25,369.00  | 29,019.00  | 150,078.00 | 25,272.00  | 266,793.00 575,746.00   |
| 5882 UTILITY RELOCATION EXP.    | 1,250,000.00 | 0.00       | 1,153.51  | 42,592.12  | 0.00       | 0.00       | 39,722.00  | 83,467.63 1,166,532.37  |
| 5883 PROJECT LAND CAP. IMPROV.  | 0.00         | 0.00       | 0.00      | 0.00       | 0.00       | 0.00       | 0.00       | 0.00 0.00               |
| 5884 STRUCTURES CAP. IMPROV.    | 0.00         | 0.00       | 0.00      | 0.00       | 0.00       | 0.00       | 0.00       | 0.00 0.00               |
| 5892 PROJECT COSTSHARE/ESC ACCT | 1,226,025.00 |            |           |            |            |            |            | 0.00 1,226,025.00       |
|                                 | 4,341,103.00 | 115,651.73 | 91,292.32 | 203,850.18 | 433,920.06 | 224,195.89 | 144,251.42 | 913,161.60 3,427,941.40 |

|                                 | 2008         |            |            |           |         |          |          | UNALLOCATED               |
|---------------------------------|--------------|------------|------------|-----------|---------|----------|----------|---------------------------|
|                                 | BUDGET       | JULY       | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | ALLOCATED BUDGETED        |
|                                 |              |            |            |           |         |          |          | TOTAL BALANCE             |
| 5801 PER DIEM EXPENSES          | 7,000.00     | 0.00       | 0.00       | 0.00      |         |          |          | 2,250.00 4,750.00         |
| 5811 LEGAL EXPENSES             | 3,500.00     | 283.33     | 283.33     | 283.33    |         |          |          | 2,549.97 950.03           |
| 5812 NIRPC SERVICES             | 149,000.00   | 13,413.74  | 14,812.44  | 14,214.59 |         |          |          | 125,063.10 23,936.90      |
| 5821 TRAVEL/MILEAGE             | 2,000.00     | 38.28      | 25.08      | 17.60     |         |          |          | 758.56 1,241.44           |
| 5822 PRINTING/ADVERTISING       | 1,000.00     | 0.00       | 0.00       | 0.00      |         |          |          | 985.04 14.96              |
| 5823 BONDS/INSURANCE            | 8,000.00     | 0.00       | 0.00       | 0.00      |         |          |          | 6,663.25 1,336.75         |
| 5824 TELEPHONE EXPENSES         | 6,500.00     | 527.04     | 735.99     | 562.38    |         |          |          | 5,394.23 1,105.77         |
| 5825 MEETING EXPENSES           | 3,000.00     | 0.00       | 0.00       | 0.00      |         |          |          | 129.20 2,870.80           |
| 5840 PROFESSIONAL SERVICES      | 842,539.00   | 87,634.54  | 74,357.30  | 46,665.43 |         |          |          | 672,962.02 169,576.98     |
| 5860 PROJECT LAND PURCHASE EXP. | 842,539.00   | 109,821.00 | 8,700.00   | 21,475.00 |         |          |          | 406,789.00 435,750.00     |
| 5882 UTILITY RELOCATION EXP.    | 1,250,000.00 | 35,448.79  | 90,905.44  | 2,566.25  |         |          |          | 212,388.11 1,037,611.89   |
| 5883 PROJECT LAND CAP. IMPROV.  | 0.00         | 0.00       | 0.00       | 0.00      |         |          |          | 0.00 0.00                 |
| 5884 STRUCTURES CAP. IMPROV.    | 0.00         | 0.00       | 0.00       | 0.00      |         |          |          | 0.00 0.00                 |
| 5892 PROJECTCOSTSHARE/ESC ACCT  | 1,226,025.00 | 0.00       | 0.00       | 0.00      |         |          |          | 0.00 1,226,025.00         |
|                                 | 4,341,103.00 | 247,166.72 | 189,819.58 | 85,784.58 | 0.00    | 0.00     | 0.00     | 1,435,932.48 2,905,170.52 |

# CLAIMS PAYABLE FOR SEPTEMBER 2008

| ACCT | VENDOR NAME                     | AMOUNT    | EXPLANATION OF CLAIM   |
|------|---------------------------------|-----------|--|
| 5811 | CASALE WOODWARD & BULS LLP      | 283.33    | MONTHLY RETAINER THROUGH SEPTEMBER 21, 2008                  |
| 5812 | NIRPC                           | 14,069.59 | SERVICES PERFORMED AUGUST 2008                               |
| 5812 | CARDMEMBER SERVICES             | 145.00    | FILE CABINET   |
| 5821 | SANDY MORDUS                    | 17.60     | SEPTEMBER MILEAGE  |
| 5824 | AT & T                          | 582.38    | BILLING PERIOD 8/14/08-9/13/08(TOTAL BILL 581.04,KRBC 18.68) |
| 5843 | TICOR TITLE                     | 415.00    | TITLE WORK RE: DC-1223                                       |
| 5843 | TICOR TITLE                     | 415.00    | TITLE WORK RE: DC-1340                                       |
| 5843 | M ERIDAN TITLE                  | 810.00    | TITLE WORK RE: DC-1436                                       |
| 5843 | M ERIDAN TITLE                  | 100.00    | TITLE WORK RE: DC-1381                                       |
| 5843 | M ERIDAN TITLE                  | 105.00    | TITLE WORK RE: DC-1101(FLOOD)                                |
| 5843 | M ERIDAN TITLE                  | 425.00    | TITLE WORK RE: DC-1101(TEMPORARY)                            |
| 5843 | M ERIDAN TITLE                  | 105.00    | TITLE WORK RE: DC-1343                                       |
| 5843 | M ERIDAN TITLE                  | 105.00    | TITLE WORK RE: DC-1337P-1                                    |
| 5843 | M ERIDAN TITLE                  | 105.00    | TITLE WORK RE: DC-1337P-2                                    |
| 5843 | M ERIDAN TITLE                  | 105.00    | TITLE WORK RE: DC-1337P-3                                    |
| 5843 | M ERIDAN TITLE                  | 425.00    | TITLE WORK RE: DC-1337P-4                                    |
| 5843 | M ERIDAN TITLE                  | 105.00    | TITLE WORK RE: DC-1337P-5                                    |
| 5843 | M ERIDAN TITLE                  | 425.00    | TITLE WORK RE: DC-1337P-6                                    |
| 5844 | JAMES E POKRAJAC                | 5,259.90  | ENGINEERING/LAND AGENT 8/16/08-1-8/31/08                     |
| 5844 | JAMES E POKRAJAC                | 5,141.70  | ENGINEERING/LAND AGENT 9/1/08-9/12/08                        |
| 5844 | JAMES E POKRAJAC                | 2,364.00  | ENGINEERING/LAND AGENT EMERGENCY RESPONSE COORDINATION       |
| 5844 | JUDITH VAMOS                    | 3,450.30  | LAND ACQUISITION AGENT SERVICES 8/18/08-8/29/08              |
| 5844 | JUDITH VAMOS                    | 39.60     | AUGUST MILEAGE   |
| 5844 | JUDITH VAMOS                    | 3,493.70  | LAND ACQUISITION AGENT SERVICES 9/2/08-9/15/08               |
| 5844 | G. LORRAINE KRAY                | 999.03    | CREDITING TECH & LAND ACQUISITION ASST 8/16/08-8/31/08       |
| 5844 | G. LORRAINE KRAY                | 954.13    | CREDITING TECH & LAND ACQUISITION ASST 9/2/08-9/11/08        |
| 5844 | SANDY MORDUS                    | 198.75    | CREDITING TECHNICIAN SERVICES 9/2/08-9/10/08                 |
| 5847 | GARCIA CONSULTING ENGINEERS     | 1,007.50  | PROFESSIONAL SERVICES RE: DC-1173                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 317.50    | PROFESSIONAL SERVICES RE: DC-1411                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 263.75    | PROFESSIONAL SERVICES RE: DC-1412                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 318.75    | PROFESSIONAL SERVICES RE: DC-1413                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 173.75    | PROFESSIONAL SERVICES RE: DC-1414                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 263.75    | PROFESSIONAL SERVICES RE: DC-1415                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 127.50    | PROFESSIONAL SERVICES RE: DC-1416                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 450.00    | PROFESSIONAL SERVICES RE: DC-1417                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 312.50    | PROFESSIONAL SERVICES RE: DC-1420                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 267.50    | PROFESSIONAL SERVICES RE: DC-1424                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 32.50     | PROFESSIONAL SERVICES RE: DC-1301                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 97.50     | PROFESSIONAL SERVICES RE: DC-1304                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 127.50    | PROFESSIONAL SERVICES RE: DC-1340A                           |
| 5847 | GARCIA CONSULTING ENGINEERS     | 432.50    | PROFESSIONAL SERVICES RE: DC-1342                            |
| 5847 | GARCIA CONSULTING ENGINEERS     | 127.50    | PROFESSIONAL SERVICES RE: DC-1342A                           |
| 5847 | GARCIA CONSULTING ENGINEERS     | 207.50    | PROFESSIONAL SERVICES RE: DC-1399                            |
| 5847 | TORRENGA SURVEYING LLC          | 420.00    | PROFESSIONAL SERVICES RE: DC-1366                            |
| 5849 | CASALE WOODWARD BULS            | 15,412.82 | LAND ACQUISITION/LEGAL SERVICES THROUGH 9/21/08              |
| 5849 | CASALE WOODWARD BULS            | 759.00    | UTILITY RELOCATION LEGAL SERVICE THROUGH 9/21/08             |
| 5861 | BP PIPELINES(NORTH AMERICA)INC  | 1,775.00  | PURCHASE PRICE OF DC-1248                                    |
| 5861 | LAKE COUNTY TRUST CO AS TRUSTEE | 19,700.00 | PURCHASE PRICE OF DC-1227                                    |
| 5882 | GARCIA CONSULTING ENGINEERS     | 1,082.50  | UTILITY RELOCATION SVII                                      |
| 5882 | GARCIA CONSULTING ENGINEERS     | 1,483.75  | UTILITY RELOCATION SVIII                                     |

TOTAL

85,784.58



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

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- ✓ • **\$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**

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**Total      \$ 3,914.29**

*\$1,730.29*

**STAGE VII – MUNSTER**  
(NORTHCOATE TO COLUMBIA, SOUTH OF RIVER)

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

---

| <u>Budget<br/>Code</u> | <u>DC Number</u> | <u>Amount</u>      |
|------------------------|------------------|--------------------|
| 5860                   | DC-1303<br>1248  | \$ 1,775.00        |
|                        | Total            | <u>\$ 1,775.00</u> |

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

(After this payout, remaining monies from the town of Munster is  
\$72,158.00)

Form 9-1366  
(Oct. 2005)

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

Customer #: IN042  
Agreement #: 09E4IN2412014  
Project #: 2412-00100  
TIN #: 35-1517363  
Fixed Cost Agreement ☒ Yes ☐ No

Page 1 of 2

**FOR**

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 by the party of the first part during the period  
October 1, 2008 to September 30, 2009

(b) \$6,500 by the party of the second part during the period  
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.

/0



Form 9-1366  
continued

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

Customer #: IN042  
Agreement #: 09E4IN2412014  
Project #: 2412-00100  
TIN #: 35-1517363

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).

U.S. Geological Survey  
United States  
Department of the Interior

Little Calumet River Basin Commission

USGS Point of Contact

Name: Scott Morlock  
Address: US Geological Surevey  
  
5957 Lakeside Boulevard  
Indianapolis, IN 46278  
Telephone: (317) 290-3333 ext 153  
Email: smorlock@usgs.gov

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 William R. Guertal Date 8/14/08  
Name: William R. Guertal  
Title: Director, IN WSC

Signatures

By \_\_\_\_\_ Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By \_\_\_\_\_ Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By \_\_\_\_\_ Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By \_\_\_\_\_ Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By \_\_\_\_\_ Date \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION  
FINANCIAL STATEMENT  
JANUARY 1, 2008 - AUGUST 31, 2008

CASH POSITION - JANUARY 1, 2008

|                         |            |            |
|-------------------------|------------|------------|
| CHECKING ACCOUNT        |            |            |
| LAND ACQUISITION        | 192,304.22 |            |
| GENERAL FUND            | 81,335.09  |            |
| TAX FUND                | 0.00       |            |
| INVESTMENTS             |            |            |
| SAVINGS                 | 89,504.55  |            |
| ESCROW ACCOUNT INTEREST | 13,568.68  |            |
|                         |            | 376,712.54 |

RECEIPTS - JANUARY 1, 2008 - AUGUST 31, 2008

|   |              |              |
|---|--------------|--------------|
| LEASE RENTS                             | 41,018.32    |              |
| INTEREST INCOME(FROM CHECKING)          | 974.27       |              |
| LAND ACQUISITION                        | 1,145,288.95 |              |
| ESCROW ACCOUNT INTEREST                 | 11,497.05    |              |
| MISC. RECEIPTS                          | 49,828.80    |              |
| KRBC REIMBURSEMENT RE: TELEPHONE CHARGE | 978.01       |              |
| TRANSFERRED FROM SAVINGS                | 83,449.74    |              |
| CITY OF MUNSTER FOR PROPERTIES          | 18,917.00    |              |
| TOTAL RECEIPTS                          |              | 1,351,952.14 |

DISBURSEMENTS - JANUARY 1, 2008 - AUGUST 31, 2008

|   |            |              |
|---|------------|--------------|
| ADMINISTRATIVE                          |            |              |
| 2007 EXPENSES PAID IN 2008              | 68,261.17  |              |
| PER DIEM                                | 5,650.00   |              |
| LEGAL SERVICES                          | 2,266.64   |              |
| NIRPC                                   | 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                     | 52,660.00  |              |
| LAND MANGEMENT SERVICES                 | 165,292.92 |              |
| SURVEYING SERVICES                      | 138,987.22 |              |
| MISCELLANEOUS EXPENSES                  | 0.00       |              |
| 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                      |            |              |
| 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                        |            |
| TOTAL FUNDS IN CHECKING ACCOUNT | 278,349.62 |

|                                   |            |
|-----------------------------------|------------|
| CHASE SAVINGS ACCOUNT BALANCE     | 27,826.85  |
| (LAND ACQ IN HOUSE PROJECT FUNDS) |            |
| (O & M MONIES)                    | **27622.49 |

\*\*Note: O & M Fund comprised of remaining LEL Money, \$185,000 Interest Money, and  
\$133,721.49 Marina Sand Money  
SAVINGS INTEREST 204.36

|                                   |            |
|-----------------------------------|------------|
| TOTAL SAVINGS                     | 27,826.85  |
| ESCROW ACCOUNT INTEREST AVAILABLE | 4,345.11   |
| TOTAL OF ALL ACCOUNTS             | 310,521.58 |

## WORK STUDY SESSION

### AQUISITION COMMITTEE

1 October 2008

Robert Marszalek, Chairman

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#### (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

*within 10 days  
per L.C.*

#### 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

*within 90 days - L.C.*

#### 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**

| <b><u>Item No.</u></b> | <b><u>Amount</u></b> | <b><u>Description</u></b>   |
|------------------------|----------------------|---|
| 1                      | \$10,000             | The remaining money from the approved Austgen Electric sluice gate/flap gate contract to complete the work on the structure east of Broadway  |
| 2                      | \$10,000             | Miscellaneous anticipated repairs to the six pump stations in Gary which could include electric repair, cleaning trash racks, and work on the impellers   |
| 3                      | \$10,000             | 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.                                 |
| 4                      | \$ 5,000             | To complete the second part of the annual mowing of the levees cost   |
| 5                      | \$10,000             | 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 |
| 6                      | \$ 4,000             | 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                    |
| 7                      | \$ 4,200             | Previously-submitted invoice from Austgen Electric to do repairs to the electric and pumps at the 32 <sup>nd</sup> and Cleveland pump station to assure continued operation.                                |
| 8                      | <u>\$ 5,000</u>      | To construct a slag work platform for future culvert clean-ups  |
|                        | \$58,200             | Total Estimated O&M Costs   |

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

No future funds earmarked for this O&M account

October 1, 2008

**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 |
| <u>\$ 7,000</u> | 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   |

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WE ARE HOPING TO SUBMIT THESE COSTS  
TO FEMA FOR EMERGENCY RESPONSE REIMBURSEMENT



Indiana Department of Natural Resources

Mitchell E. Daniels, Jr., Governor  
Robert E. Carter, Jr., Director

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 McAbron 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,

A handwritten signature in black ink, appearing to read "Robert E. Carter, Jr.", written in a cursive style.

Robert E. Carter, Jr.  
Director



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

## NOTICE TO PUBLIC SPONSORS

**REPLY TO:****DATE:** 23 September 2008

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

**APPLICATION PERIOD EXPIRES 24 October 2008**  
**REHABILITATION ASSISTANCE FOR FLOOD-DAMAGED FLOOD CONTROL PROJECTS**

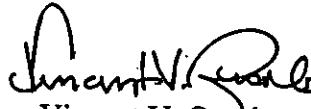
1. Public Sponsors of flood control projects that sustained damages due to flooding during the period 14 September 2008 to 22 September 2008, have until **24 October 2008** to apply for Public Law 84-99 Rehabilitation Assistance from the US Army Corps of Engineers, Chicago District.
2. The Corps of Engineers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

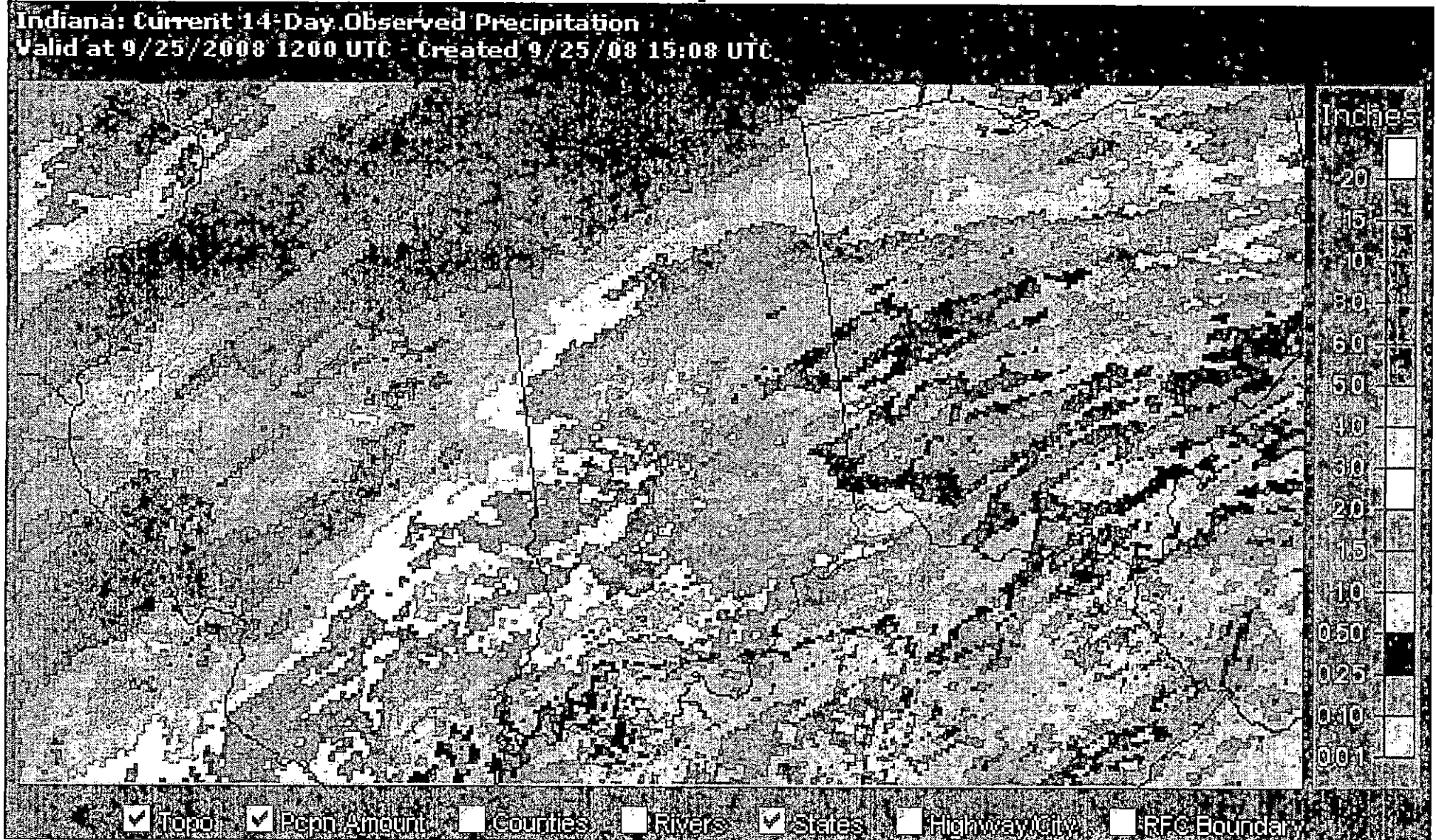
| 24-Sep-08                      |                     |              |                                 |              | FISCAL              |                    |              |                     |                    | 24-Sep-08   |                    |              |                     |                    |
|--------------------------------|---------------------|--------------|---------------------------------|--------------|---------------------|--------------------|--------------|---------------------|--------------------|-------------|--------------------|--------------|---------------------|--------------------|
| CONTRACT                       | TOTAL CONTRACT COST | FY 07 Fed    | 10/06-9/07 <sup>1</sup> Non-Fed | Total Per FY | Acquisition Non-Fed | 10/06-9/11 Non-Fed | Total Per FY | Acquisition Non-Fed | Relocation Non-Fed | FY 12 Fed   | 10/06-9/11 Non-Fed | Total Per FY | Acquisition Non-Fed | Relocation Non-Fed |
| Burr Street 2 (Gary)*          | \$2,400,000         |              |                                 |              |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Burr Street 2 (LCRBDC)         | \$3,300,000         | \$1,600,000  | \$1,700,000                     | \$3,300,000  |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Pump Station 1A                | \$4,900,000         |              |                                 |              |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| North 5th Pump Station         |                     |              |                                 |              |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Stage VI-1 S                   | \$6,733,500         | \$1,209,000  | \$91,000                        | \$1,300,000  |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Stage VI-1 N                   | \$5,567,000         | \$3,162,000  | \$238,000                       | \$3,400,000  |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Design/CM/PM Effort            |                     | \$1,395,000  | \$105,000                       | \$1,500,000  |                     | 0,000              | \$70,000     | \$1,000,000         |                    | \$465,000   | \$35,000           | \$500,000    |                     |                    |
| A/E Contracts                  | \$100,000           | \$279,000    | \$21,000                        | \$300,000    |                     | 6,500              | \$3,500      | \$50,000            |                    |             |                    |              |                     |                    |
| Stage VI-2                     | \$4,206,000         | \$1,819,080  | \$136,920                       | \$1,956,000  |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Stage V-2 & V-3                | \$12,199,700        | \$2,882,721  | \$216,979                       | \$3,099,700  |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Stage V-2 Bridge               | \$1,500,000         | \$250,000    | \$250,000                       | \$500,000    |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Stage VIII                     | \$20,000,000        |              |                                 |              |                     | 0,000              | \$490,000    | \$7,000,000         |                    |             |                    |              |                     |                    |
| Stage VII                      | \$18,000,000        |              |                                 |              |                     | 3,000              | \$427,000    | \$6,100,000         |                    |             |                    |              |                     |                    |
| Stage III Remediation          |                     |              |                                 |              |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Wetland Mitigation*            | \$1,170,000         | \$28,500     | \$1,500                         | \$30,000     |                     |                    |              |                     |                    |             |                    |              |                     |                    |
| Landscaping 2                  | \$650,000           | \$95,000     | \$5,000                         | \$100,000    |                     | \$0                | \$0          | \$0                 |                    |             |                    |              |                     |                    |
| Pump Station 2 A               | \$1,930,000         | \$0          | \$0                             | \$0          |                     | \$0                | \$0          | \$0                 |                    |             |                    |              |                     |                    |
| Pump Station 2 B               | \$20,000,000        | \$0          | \$0                             | \$0          |                     | 7,000              | \$343,000    | \$4,900,000         |                    |             |                    |              |                     |                    |
| Wetland Mitigation (Hobart)    | \$4,000,000         | \$279,000    | \$21,000                        | \$300,000    |                     | 5,000              | \$175,000    | \$2,500,000         |                    | \$1,395,000 | \$105,000          | \$1,500,000  |                     |                    |
| 27th And Chase (Miscellaneous) | \$1,500,000         |              |                                 |              |                     | 6,000              | \$84,000     | \$1,200,000         |                    |             |                    |              |                     |                    |
| Recreation Cont 2              | \$1,000,000         |              |                                 |              |                     | 0,000              | \$350,000    | \$700,000           |                    | \$150,000   | \$150,000          | \$300,000    |                     |                    |
| Total                          |                     | \$12,999,301 | \$2,786,399                     | \$15,785,700 |                     | 37,500             | \$1,942,500  | \$23,450,000        |                    | \$2,010,000 | \$290,000          | \$2,300,000  |                     |                    |

(already given to Corps)

# Little Calumet River Basin

Preliminary Flood Frequency  
Estimate

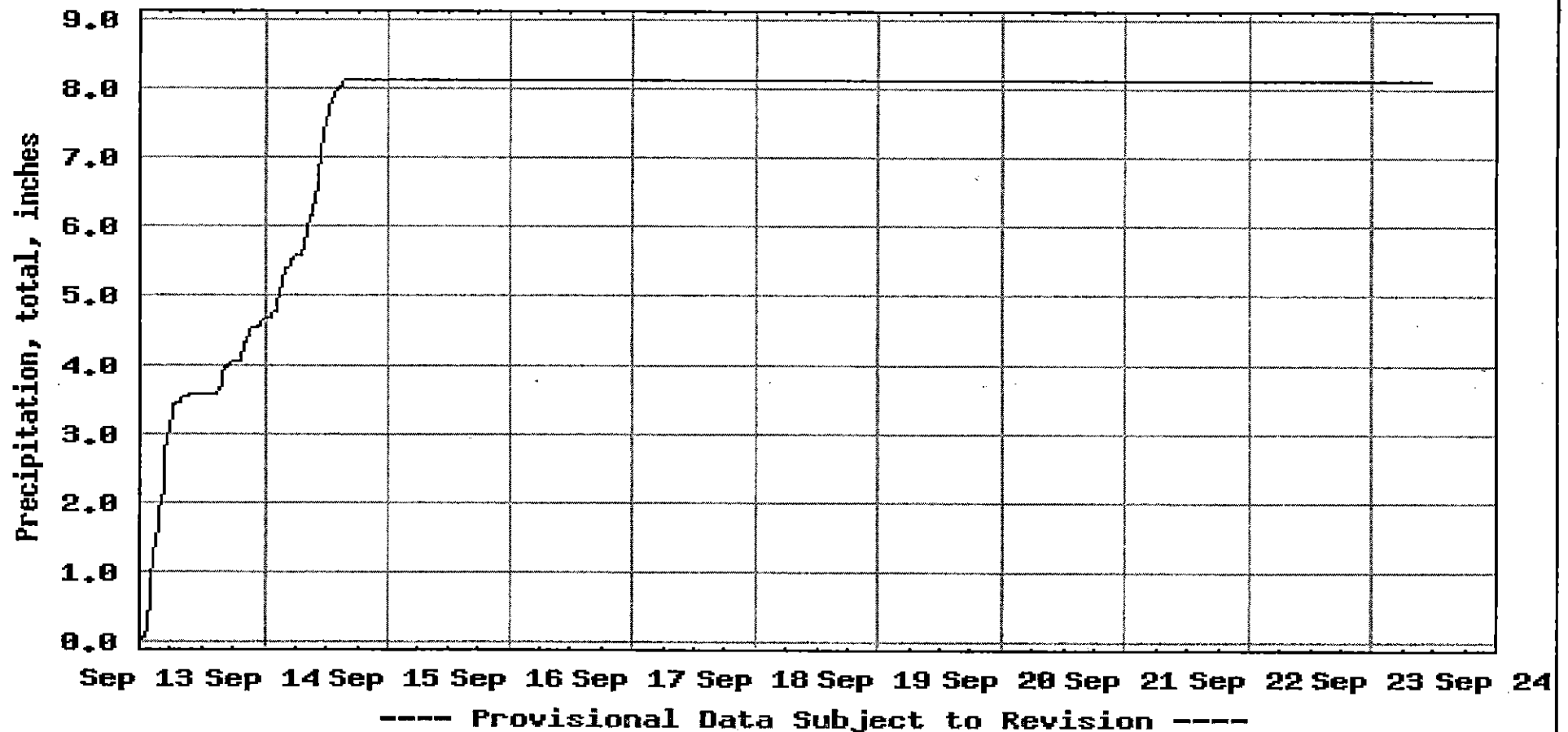
# Sept 13 th and 14 th Radar Image Precipitation



# September 13 and 14 Precipitation for the Burr Street Gage in Gary



USGS 413339087223001 LITTLE CALUMET RIVER AT BURR STREET AT GARY, IN

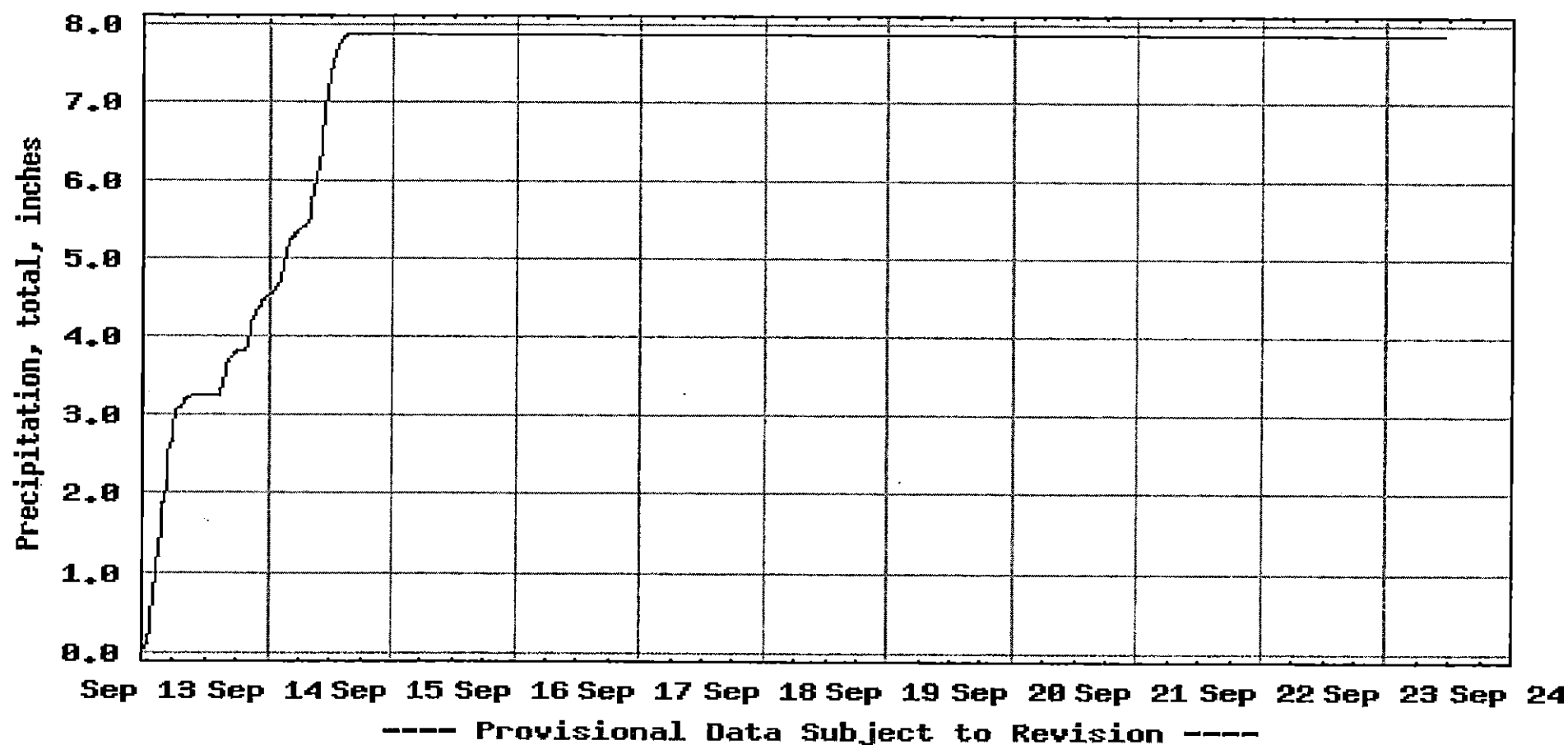




# September 13 and 14 Precipitation for the Hart Ditch Gage in Dyer



USGS 05536179 HART DITCH AT DYER, IN





# Precipitation/Duration

- Little Calumet River at Burr Street Gage in Gary Precipitation Gage reported 8.12 inches in 40 hours over September 13<sup>th</sup> and 14<sup>th</sup> 2008
  - Hart Ditch at Dyer Precipitation Gage reported 7.87 inches in 40 hrs on September 13<sup>th</sup> and 14<sup>th</sup> 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**

| <i>Storm<br/>period<br/>(hours)</i> | <i>Ratio of areal to point rainfall for given area</i> |                 |                 |                  |                  |                  |
|-------------------------------------|--|-----------------|-----------------|------------------|------------------|------------------|
|                                     | <i>10 sq mi</i>  | <i>25 sq mi</i> | <i>50 sq mi</i> | <i>100 sq mi</i> | <i>200 sq mi</i> | <i>400 sq mi</i> |
| 0.5                                 | 0.88   | 0.80            | 0.74            | 0.68             | 0.62             | 0.56             |
| 1.0                                 | 0.92   | 0.87            | 0.83            | 0.78             | 0.74             | 0.70             |
| 2.0                                 | 0.95   | 0.91            | 0.88            | 0.84             | 0.81             | 0.78             |
| 3.0                                 | 0.96   | 0.93            | 0.90            | 0.87             | 0.84             | 0.81             |
| 6.0                                 | 0.97   | 0.94            | 0.92            | 0.89             | 0.87             | 0.84             |
| 12.0                                | 0.98   | 0.96            | 0.94            | 0.92             | 0.90             | 0.88             |
| 24.0                                | 0.99   | 0.97            | 0.95            | 0.94             | 0.93             | 0.91             |
| 48.0                                | 0.99   | 0.98            | 0.97            | 0.96             | 0.95             | 0.94             |

# 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)
-

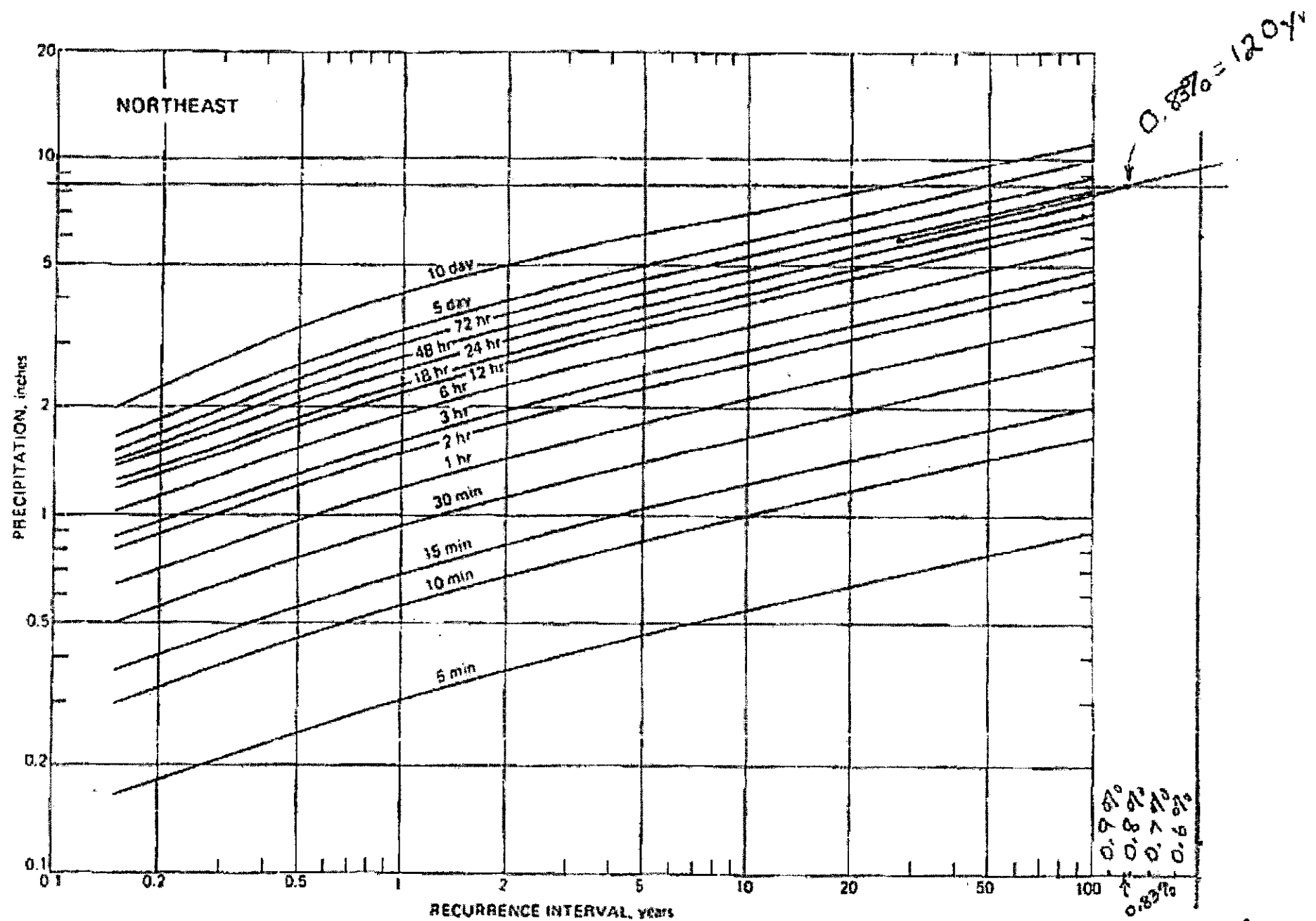


Figure 9. Frequency distributions of rainfall for ten Illinois climatic sections for storm periods of 5 minutes to 10 days and recurrence intervals of 2 months to 100 years

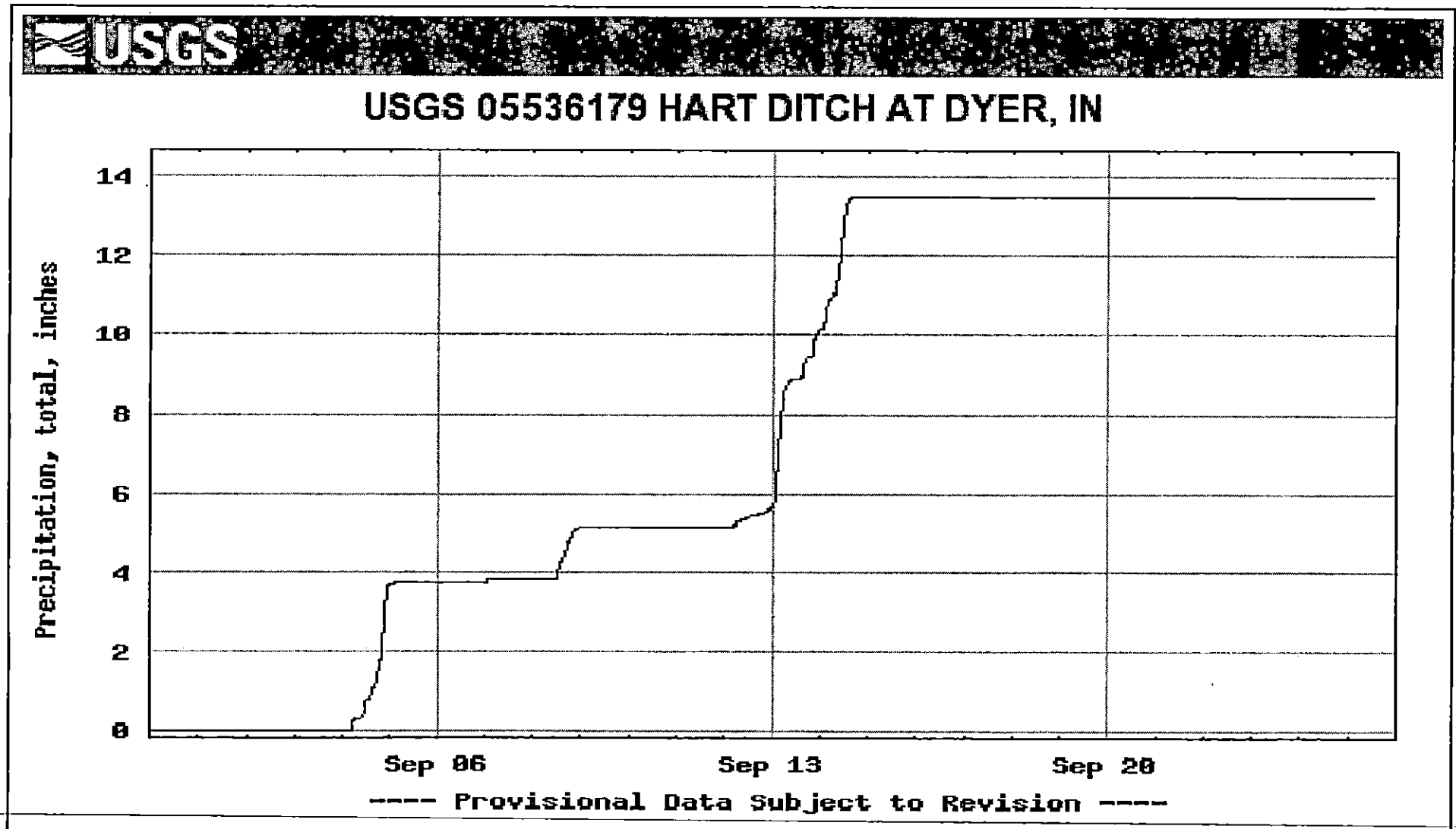
(1%) 200 yr  
(0.5%)

# Additional Considerations

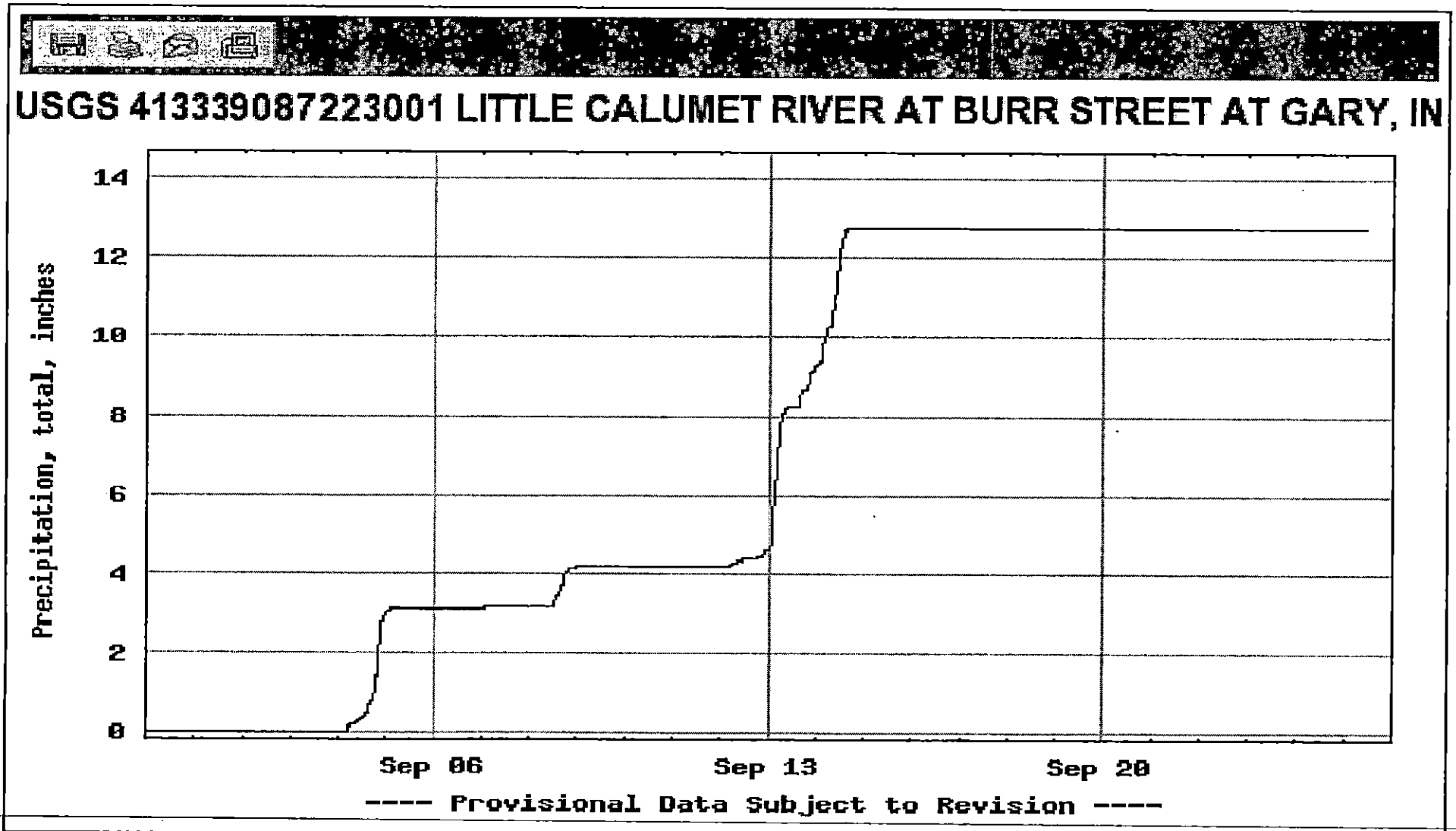
- The 120 year flood estimate is the minimum estimate of the flood event, but it is anticipated that the actual event reflects a less frequent (larger) flood event due to the following factors:
    - Previously saturated conditions in the watershed due to previous rainfall
    - Flood storage in the 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
-



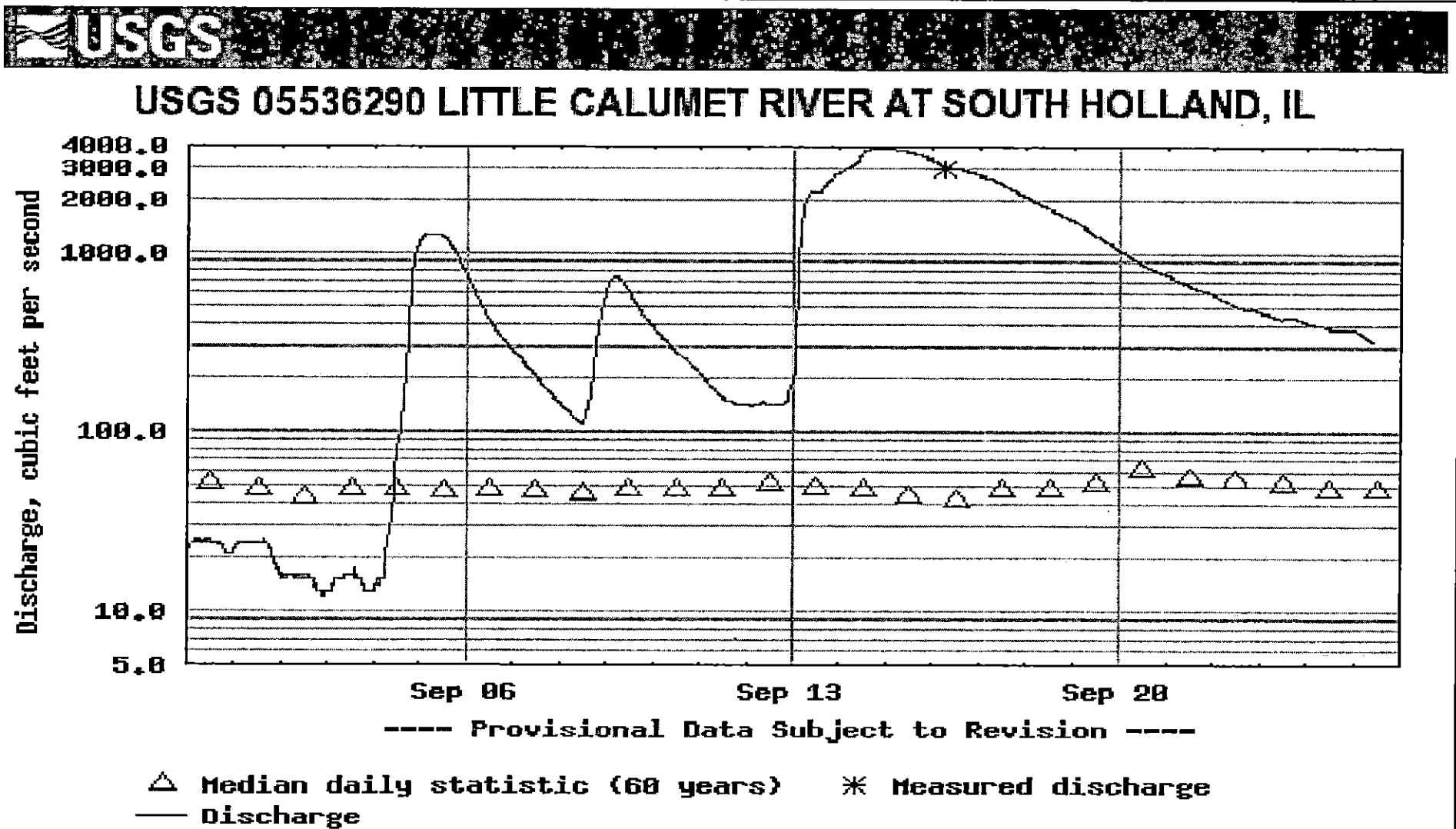
# 10 Day Precipitation for the Hart Ditch Gage in Dyer



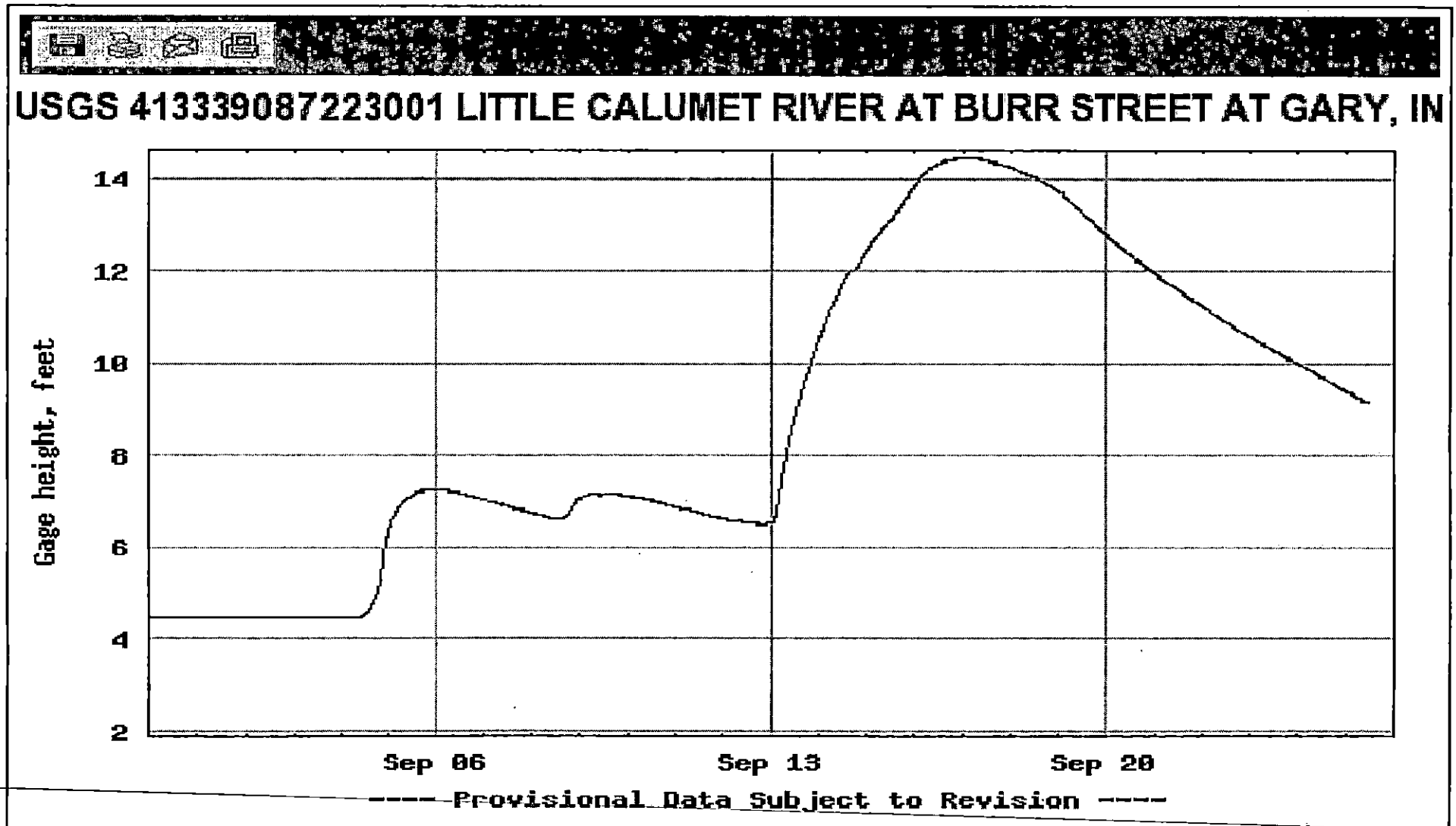
# 10 day Precipitation for the Burr Street Gage in Gary



# Pre-Event Increased Baseflow at South Holland Gage



# Pre-Event Increased Stages/Loss of Flood Storage per Burr Street Gage



# 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, Tzuoh-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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N.C.  
776-8447

# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: LCRBDC DATE: October 1, 2008

LOCATION: Portage CHAIRMAN: William Biller

## PLEASE SIGN IN

|    | NAME (PLEASE PRINT) | ORGANIZATION, ADDRESS, PHONE NUMBER |
|----|---------------------|-------------------------------------|
| 1  | DAVID WILLIAMS      | Town of Munster                     |
| 2  | HELEN BROWN         | Town of Munster                     |
| 3  | Bill Howard         | Munster Residents                   |
| 4  | Dan Dernick         | Highland In.                        |
| 5  | C. Kuckas           | Hammond In 4644                     |
| 6  | Mike Mellon         | Town of Munster                     |
| 7  | Mike ZARANTOVELLO   | Southmoor Rd.                       |
| 8  | Elizabeth Johnson   | Congressman Visclosky               |
| 9  | Imad Samara         | USACE, Chicago                      |
| 10 | Bob MARKOVICH       | COUNCILMAN HAM'D.                   |
| 11 | SENATOR FRANK MRVAN | HAM'D                               |
| 12 | JEAN MRVAN          | HAMMOND                             |
| 13 | Ed Solidey          | Representative Dist 4               |
| 14 | Rob Mangione        | Munster Town Council                |
| 15 | JOE BASTIEN         | LAKE COUNTY CIR                     |
| 16 | Sue Brown           | THE TIMES                           |
| 17 | BILL PETRITES       | HIGHLAND RESIDENT                   |
| 18 | Chris Voth          |                                     |
| 19 | KAREN LORENZ        | SOUTHMOOR RD HAM'D                  |
| 20 | DONG LORENZ         | SOUTHMOOR RD HAM'D                  |
| 21 | Chuck Brimmer       | Cong. Visclosky                     |
| 22 | MARIC LOPEZ         | Cong Visclosky                      |
| 23 | Mike Brin           | 5500 Liverpool Pl., Hobart IN       |
| 24 | Lynne Whelan        | USACE                               |
| 25 | Vanessa Villarreal  | US Army Corps of Engineers          |



# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION ATTENDANCE ROSTER

NAME OF MEETING: \_\_\_\_\_ DATE: \_\_\_\_\_

LOCATION: \_\_\_\_\_ CHAIRMAN: \_\_\_\_\_

**PLEASE SIGN IN**

|    | NAME (PLEASE PRINT)           | ORGANIZATION, ADDRESS, PHONE NUMBER |
|----|-------------------------------|-------------------------------------|
| 1  | George T. Janiec              | Team Hammond 1701 170th Pk          |
| 2  | Councilman Anthony H. Higgins | city of Hammond                     |
| 3  | BILL BAKER                    | Gov.                                |
| 4  | Carolyn Marsh                 | Sand Ridge Audubon                  |
| 5  | Doreen Carey                  | City of Gary                        |
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Hammond  
678674

**POTENTIAL FUNDING SOURCE FROM LCRBDC EXCESS LANDS**

|     | DESCRIPTION                                       | LOCATION   | REQUEST  | ANTICIPATED AMOUNT  | ACTION REQUIRED   |
|-----|---|--|--|---|---|
| 1.) | Stan Stann & Assoc.<br>(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<br>> Get acreage<br>> Lou to work with AG office  |
| 2.) | View Outdoor<br>(Billboards)                      | Adjacent to both sides of 80/94                                  | > Currently have 12 signs<br>> Would like to add 4 new<br>> Extend lease on 12 signs an additional 10 yrs.<br>(Pay 1st year rental in advance) | 4 new signs -- \$36,000<br>12 existing -- \$108,000<br>Total -- \$144,000                                 | > Make motion to approve<br>> Add 4 new locations<br>> Increase 12 leases<br>> 1st step is to ask for pre-pay of current year<br>> If need public solitation, tell View a general request for proposals of any additional qualified sites would be solicited/expedited. |
| 3.) | GRW<br>(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<br>> Lou to work with AG office   |
| 4.) | 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 propasal to go through ranking process (some acreage is needed to complete hydra soil requirements for nutrition)<br>> If scored highly, then develop plan to meet all regulatory issues with all parties.    |
| 5.) | 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<br>> Lou to work with AG office   |

Notes:

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