



Little Calumet River Basin Development Commission

8149 Kennedy Avenue Highland, Indiana 46322 (219) 923-1118

Sandy

DOYLE NIEMEYER, Chairman
Governor's Appointment

ARLENE COLVIN, Vice-Chairman
Mayor of Gary's
Appointment

CLYDE BAUGHARD, Treasurer
Governor's Appointment

WILLIAM CRITSER, Secretary
Governor's Appointment

CHARLES AGNEW
Governor's Appointment

GEORGE CARLSON
Mayor of Hammond's
Appointment

NATHANIEL LEONARD
Lake County Commissioners'
Appointment

STEVE DAVIS
Dept. of Natural Resources'
Appointment

JOHN DEMEO
Governor's Appointment

DAVID SPRINGMAN
Governor's Appointment

WILLIAM TANKE
Porter County Commissioners'
Appointment

DAN GARDNER
Executive Director

MEETING NOTICE

THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
AT 6:30 P.M. THURSDAY, JUNE 7, 1990
AT THE OFFICE OF THE REGIONAL PLANNING COMMISSION
8149 KENNEDY AVENUE
HIGHLAND, INDIANA

A G E N D A

Pages

1. Call to Order by Chairman Doyle Niemeyer
2. Recognition of Visitors, Guests
3. Approval of minutes of May 3, 1990 meeting
4. Reports of Standing Committees

1-5

A. Finance/Policy Committee - Clyde Baughard, Treasurer

- Financial status report
- Approval of claims for May
- Other issues

6
7

B. Legislative Committee - George Carlson, Chairman

- State issues status:
 - Build Indiana fund submission for \$3 million
 - Project review/approval by State DNR held May 15th
 - Meeting with Lake County Drainage Brd. staff re: easement authority
- Federal issues status:
 - Project/Commission capability analysis - date to be identified
 - Project initiation - signing ceremony
 - Proposed outline of ceremony/invitees

8-22

23-26

*Charles Pettigrew
Peter & M. J. York
Pk. Bul - L.C. person
Frank Mark
has property
on Burr St.*

C. Land Acquisition/Management Committee -
Charles Agnew, Chairman

- Committee meeting at 5:00 p.m.
- Appraisals, offers, acquisitions, recommended actions
- Project design updates
 - Burr St. area levee protection inclusion options 27-28
- Gary Park/city lands use
- Soil boring contracts for levee siting
- Other issues

D. Interim Flood Control/Planning Committee -
Clyde Baughard, Chairman

- Conrail R.R. culverts improvement project status
 - Meeting with Basin Comm. Chairman, attorney, engineer
- City of Hammond funding for Erie bridge piers removal
- Other issues

E. Breakwaters/Marina Committee - Bill Tanke,
Chairman

- Development proposals status
- Portage Marina Development request - city of Portage
- Sand Removal Status
- Other issues

5. Other Business

6. Statements to Board from the floor

7. Set date for next meeting, adjournment

MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
HELD AT 6:30 P.M. THURSDAY, MAY 3, 1990
AT THE COMMISSION OFFICES
8149 KENNEDY AVENUE, HIGHLAND, INDIANA

Chairman Doyle Niemeyer called the meeting to order at 6:30 p.m. All eleven (11) Commissioners were present. Quorum was declared and guests were recognized.

Development Commissioners:

George Carlson
Doyle Niemeyer
Clyde Baughard
Charles Agnew
Dave Springman
Steve Davis
William Tanke
Arlene Colvin
Nathaniel Leonard
John DeMeo
William Critser

Staff:

Dan Gardner
Lou Casale, Attorney
Sandy Mordus
Bruce Stouffer

Visitors:

Bob Bicki - Black Oak
Richard Bundy - Salmon Unltd.
Pete Zak - South Shore Marina
Mary Jane Zak - " "
Carl Fisher - Supt. Portage
Park Dept.
Bob Kimberly - Harbor Marine
Dick Wawrzyniak - DNR, Div.
of Water
Eddie Vasquez - Supt. Gary
Park Dept.
Julian Allen - Gary Park
Dept. attorney

A motion was made by Clyde Baughard to approve the minutes of the April 5th meeting; seconded by Bill Critser; motion passed unanimously.

Finance/Policy Committee - Treasurer Clyde Baughard presented the financial status report for March as well as the claims. Mr. Baughard made a motion to approve the pending claims; motion seconded by John DeMeo; motion passed unanimously.

Legislative Committee - Committee Chairman George Carlson announced that the Development Commission is on the agenda for the Water Resources Council meeting to be held May 15th in Indianapolis. At that time, it is expected that the DNR will give overall project approval of the Little Calumet River Flood Control/Recreation project. With that approval, the river would no longer be a regulated drain under the Lake County Drainage Board but their authority would be transferred to the Development Commission. Mr. Gardner stated he would attend this council meeting. He referred to pages 8-13 contained in the packet outlining a description of the project and the draft DNR comments.

A lengthy discussion was held as to how the Commission can implement a plan to handle its new responsibility. A meeting will be held with the Drainage Board to discuss the coordination and the responsibilities of that new authority.

Mr. Gardner stated that a project review/approval of the Commission's financial capability will be held shortly in Washington. Paul Benkowski of the Chicago District desires the Commission's presence at that review. In case Dan Gardner cannot attend, the attorney will represent him. This review must be held before the project is actually begun. After this Washington hearing, it is expected that a date will be identified for the signing ceremony, probably in late June or July.

Mr. Carlson talked about the situation at the Tri-State parking lot. A meeting was held this week with those involved to identify the potential flooding problem and find a solution to correct that problem. A field investigation was also held to view the site. All parties attending agreed that the dike system should be re-established to prevent flooding. They recognized the potential problem and will correct it. The staff will monitor compliance.

Land Acquisition/Management Committee - Committee Chairman Chuck Agnew reported six closings this month: DC227, DC283, DC285, DC289, DC338 and DC351. Replacement housing monies were paid to three persons: DC289, DC227 and DC285.

Mr. Agnew made a motion to approve the appraisal revision on DC257 from \$525 to \$2,600 to cover excluded buildings; motion seconded by Clyde Baughard; motion passed unanimously.

Mr. Agnew announced that construction has been started on the multi-purpose building at Lake Etta.

It was stated that a hearing has been set in the city of Gary for a person from Chicago who was caught violating dumping laws. Some of the dumping has been done on Commission property. We have offered to the city whatever support we can give them in order to stop this dumping. Attorney has talked to the city attorney handling this case and he will pursue matter.

Mr. Agnew presented a draft copy of a letter to be sent to the Chicago Corps stating the Commission's strong support and opinion of building a levee along Burr Street to protect homes rather than floodproofing them. As the plan stands now, there are about 50 structures slated for various forms of floodproofing. The city officials of Gary as well as the DNR and FEMA oppose the floodproofing; it is unanimously agreed upon that a levee should protect the homes along Burr St. There are also plans for sewers and improvements to the drainage system on Burr St. After discussion, Mr. Agnew made a motion to approve and send the letter to Richard Carlson; motion seconded by John DeMeo; motion passed unanimously.

Dan Gardner stated that he has met several times with Gary Park Board and staff relative to Gary lands needed for the project. We are requesting conveyance of access and use of lands owned by the Gary Park Board that are designated as needed for the purpose of survey, construction and maintenance of flood control levees, utility and bridge improvements and related flood control support facilities. The Park Dept. has asked the Commission for several things, i.e. relocate the existing greenhouse structure to the protected side of the levee and floodproof an existing park building. The Development Commission has also hired a consultant to work with the Park Dept. and city to develop a comprehensive recreation concept plan for additional park features.

Julian Allen, Gary Park Board attorney, expressed concern as to the use of the lands after the city conveys use of them to the Commission. Mr. Gardner stated the land would still be there for park use once the levee was in place. Mr. Gardner will draft a letter addressed to the Gary Park Board outlining the Commission's intentions of use for the lands and stating our intentions of relocating the greenhouse.

Interim Flood Control Committee - Committee Chairman Clyde Baughard reported that a contract has been received from Conrail giving permission to the Basin Commission to enlarge the culverts at Martin Luther King Drive. However, it is felt that the contract is very one-sided to their benefit. The attorney will

LCRBDC
May 3, 1990
Page 4

contact Conrail and work toward developing another contract. This is a project of the Basin Commission's but since that Commission expires at the end of 1990, it will be the Development Commission that follows through.

Breakwaters/Marina Committee - Committee Chairman William Tanke referred to letter contained in packet from John D'Aniello of the Corps stating that the Corps proposes to dredge sediment from the Burns Waterway and Small Boat Harbor project. Mr. Gardner stated that the dredging work is scheduled for 1991. Staff responded to letter by stating the Commission is supportive of dredging as soon as possible. The Commission is also very supportive of depositing all clean material on the westward side of the west breakwater to provide beach nourishment.

Mr. Gardner also referred to the letter from Dale Engquist, IN Dunes National Lakeshore, stating their support for the dredging work but listing conditions/suggestions to be implemented.

There has been no progress on the sand removal issue. The Commission has received the signed agreement from the Dept. of Natural Resources that will transfer \$44,000 to the Commission for the purpose of testing sand at the marina site to determine its suitability, to obtain necessary permits needed, and to use remaining monies to excavate/transport/deposit sand as beach nourishment.

Mr. Gardner has received no response in identifying a time and date for the Commission to appear before the Union Board to acquire a waiver from them in regard to sand removal.

Mr. Gardner stated he attended the Portage hearing last week regarding the marina permits. Since the Commission is now named as an intervenor, he will be attending the hearings.

In the agenda packet, there is a letter of interest for the development of a public marina from Marquette Yacht Club. Staff has responded with a letter for them to meet with the Board with a plan layout and a financial plan identified.

Bill Tanke made a motion for staff to write a letter to the Governor's Office stating our position on sand removal and check with the city to see if the Commission can re-activate the previous sandmining permit so it is current; motion seconded by Bill Critser; motion passed unanimously.

LCRBDC Minutes
May 3, 1990
Page 5

Statements from the floor - Bob Bicke, resident of Black Oak, expressed concern about open sewage into the ditch and the quality of the standing and drainage water in the area. The ditches outfall into the river and it is a severe problem that needs to be addressed.

Also discussed was the development of plans for sewers in Black Oak. Sewers along Burr Street would replace the ditches through phased projects as funding was accessed.

There being no further business, the meeting was adjourned at 8:00 p.m. The next meeting was scheduled for June 7, 1990.

/sjm

MERCANTILE NATIONAL BANK

JANUARY 1, 1990 - APRIL 30, 1990

CASH POSITION - JANUARY 1, 1990

Checking Account		
Land Acquisition	\$	19,369.97
General Fund		55,692.86
Tax Fund		1,124.07
Investments		<u>916,500.00</u>
	\$	992,686.90

RECEIPTS: JANUARY 1, 1990 - APRIL 30, 1990

Lease Rents	\$	15,769.89
Interest		22,499.61
Land Acquisition		383,836.91
Tax Fund		<u>2,158.18</u>
	\$	424,264.59

DISBURSEMENTS: JANUARY 1, 1990 - APRIL 30, 1990

1989 Expenses Paid In 1990	\$	15,988.84
Legal Services		945.99
N I R P C		14,299.42
Travel Mileage		105.00
Printing & Advertising		414.97
Bonds & Insurance		5,918.50
Meeting Expenses		190.66
L/A Professional Services		
(a) Appraisal Services		9,875.00
(c) Engineering		1,100.00
(d) Land Purchase Contractural		10,828.75
(e) Operational Contractural		19,638.00
(g) Moving & Relocation Expenses		25,974.93
L/A Legal Services		7,569.00
L/A Land Purchase Cost		63,461.17
L/A Land Cap. Improvements		739.70
L/A Insurance		<u>13,702.00</u>
TOTAL DISBURSEMENTS:	\$	190,751.93

CASH POSITION - APRIL 30, 1990

Checking Account		
Land Acquisition	\$	248,470.93
General Fund		57,920.73
Tax Fund		3,307.90
Investments		<u>916,500.00</u>
	\$	1,226,199.56



**NORTHWESTERN INDIANA
REGIONAL
PLANNING COMMISSION**

8149 Kennedy Ave.
Highland, Indiana 46322

219-923-1060
312-731-2646

DATE: APRIL 10, 1990

ORGANIZATION: LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION

PROJECT: FOR SERVICES PERFORMED DURING MARCH 1990

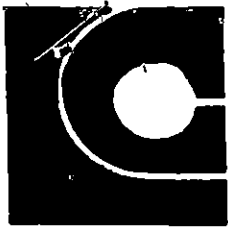
CONTRACT NO: P1.01

CONTRACT CODE: 952

INVOICE NO: 03

I N V O I C E

SALARIES AND FRINGE BENEFITS: DAN GARDNER & SANDY MORDUS	\$ 3,900.00
ROOM RENTAL FOR ADDITIONAL LCRBDC STAFF	215.00
ACCOUNTING SERVICES	150.00
TELEPHONE: LOCAL SERVICE	60.00
TELEPHONE: BILLABLE CHARGES (ATTACHMENTS)	112.24
POSTAGE	76.35
COPYING CHARGES @ \$.05 PER COPY	50.75
GRAPHICS/PRINTING TIME @ \$17.50 PER HOUR (ATTACHMENTS)	25.50
STAFF MILEAGE/EXPENSES	67.60
OTHER CHARGES (ATTACHMENTS)	-0-
TOTAL MARCH 1990	\$ 4,657.44
OUTSTANDING PAYMENT DUE	-0-
TOTAL PAYMENT DUE	\$ 4,657.44



Copy

Little Calumet River Basin Development Commission

8149 Kennedy Avenue Highland, Indiana 46322 (219) 923-111.

DOYLE NIEMEYER, Chairman
Governor's Appointment

ARLENE COLVIN, Vice-Chairman
Mayor of Gary's
Appointment

CLYDE BAUGHARD, Treasurer
Governor's Appointment

WILLIAM CRITSER, Secretary
Governor's Appointment

CHARLES AGNEW
Governor's Appointment

GEORGE CARLSON
Mayor of Hammond's
Appointment

NATHANIEL LEONARD
Lake County Commissioners'
Appointment

STEVE DAVIS
Dept. of Natural Resources'
Appointment

JOHN DEMEO
Governor's Appointment

DAVID SPRINGMAN
Governor's Appointment

WILLIAM TANKE
Porter County Commissioners'
Appointment

DAN GARDNER
Executive Director

May 30, 1990

Mr. Frank Sullivan Jr.
Chairman
Capital Projects Review Committee
State Budget Agency
212 State House
Indianapolis, IN 46204

Dear Mr. Sullivan:

Included herein is the completed submission of the "Build Indiana Capital Projects" \$3 million funding request for the Little Calumet River Basin Development Commission.

It has been prepared to the best of my ability and hope that it adequately meets your needs. If any additional information is needed or if you have any questions concerning this material, please do not hesitate to call.

Thank you.

Respectfully submitted,

Dan Gardner
Executive Director

/encl.

BUILD INDIANA CAPITAL PROJECTS REVIEW COMMITTEE
Indiana State Budget Agency
212 State House
Indianapolis, Indiana 46204

1990 APPLICATION MATERIALS
FOR STATE AND LOCAL CAPITAL PROJECTS

1. Applicant: Little Calumet River Basin Development
Commission

Address: 8149 Kennedy Avenue

City: Highland, IN 46322

County: Lake

Please check one of the following:

X State - Little Calumet River Basin
Development Commission

2. Authorized Contact:

Primary Contact Person: Dan Gardner
Executive Director

Telephone Number: 219/923-1118

Fax Number: 219/972-5011

Secondary Contact Person: Sandy Mordus
Operations Coordinator

Telephone Number & Fax Number: Same

3. Application Preparer:

Name & Title: Dan Gardner, Executive Director

Organization: Little Calumet River Basin Development
Commission

Address: 8149 Kennedy Avenue, Highland, IN 46322

Telephone Number: 219/923-1118

Fax Number: 219/972-5011

4. Title of Project: Little Calumet River Flood Control/
Recreation Project
5. Location of Project: Lake County, IN - Illinois State line
to I-65 generally located along the Borman (I-80/94)
expressway. Map included.
6. Description of the Project: The Little Calumet River
Project is a flood control and recreation project along some
10 miles of the Little Calumet River in Lake County from the
Illinois State line eastward to approximately Martin Luther
King Drive in Gary. Some 2,500 acres of publicly owned
property comprises the project. The flood control construc-
tion will be contracted by the U. S. Army Corps of Engin-
eers. Project features include:
- Construction of 9.7 miles of set-back levees in Gary and
Griffith
 - Replacement of 9.5 miles of levees between the Illinois-
Indiana state line and Cline Avenue in Hammond,
Highland and Munster
 - Construction of 12.2 miles of new levees and floodwalls
between the state line and Cline Avenue in Hammond,
Highland, Munster and Griffith
 - Installation of a diversion structure at Hart Ditch
 - Evacuation of residents of 23 homes
 - Floodproofing 38 homes in Gary
 - Modification of 7 miles of river channel to allow better
water flow
 - Modification of 4 highway bridges to permit unobstructed
flow of water
 - Construction of 16.8 miles of hiking trails and related
recreation facilities along the 2,000 acre recreation
corridor system
 - Preservation of 788 acres of wetlands to hold flood
waters, purify the river, and provide natural habitat

The \$3,000,000 requested would provide the state's 1991-92
biennial share to ensure project construction.

7. Statement of Need for the Project: The Little Calumet River
Project will address what the Indiana Department of Natural
Resources has described as the worse urban flooding problem
in the state of Indiana, dating back to the mid 1950's.

It is estimated that over \$6 million in yearly flood damages
are experienced along the Little Calumet River. Over 9,500
structures are located in the floodplain areas, located on
some 3,500 acres. This project provides the only feasible
approach to a comprehensive solution to the problems by
leveraging over \$60 million in Federal construction appro-
priations. The scope and cost put any other project approach
beyond the capability of the effected local units of
government.

The project has enjoyed virtually unanimous public officials support from the Federal Senators and Congressman to the last four governors, area state legislators and mayors and city/town council members. This project also has the strong backing of the Indiana D.N.R. and state and local environmental groups. This project also includes over \$4 million in participation by the local communities and counties.

Attached to this request are four letters of support by Senators Lugar and Coats, Congressman Visclosky and the Northwest Indiana Forum written for various Federal reviews for the project. We believe this project has broad-based support and will enhance the economic revitalization of the I-80/94 corridor as well as enhance the environmental quality of northwest Indiana.

8. Project Justification: The Little Calumet River Project enjoys a 1.5 to 1 benefit to cost ratio as calculated by the Corps of Engineers. Listed below is our summary tables of the project benefits:

AVERAGE ANNUAL BENEFITS SUMMARY		
Category	Structures	Annual Benefits
Residential (single family)	8,755	\$ 7,639,000
Residential (multi-family)	430	
Affluence		735,000
Commercial/Public	360	230,000
Emergency Costs		38,000
Utilities		-
Golf Courses		246,000
Agriculture		2,000
Transportation		570,000
Recreation		262,000
Total		\$ 9,722,000

- | DIRECT PROJECT BENEFITS |
|---|
| • Project will protect 3,500 acres of existing residential, commercial, industrial and transportation uses from flooding. |
| • Project will protect over 9,500 structures from flooding, of which 8,755 are residences. |
| • Project will create a 4,000 acre river/recreation corridor system. |
| • Project will protect major public/state investments such as I.U. Northwest Campus and I-80/94 (Borman Expressway) from costly flooding damages. |
| • Project will bring over \$50 million in Federal construction/improvement contracts to northwest Indiana. |
| • Project will allow over 5,000 acres of presently marginal land to be reclaimed for economic development/redevelopment uses along the urbanized Borman corridor. |

9. Project Cost:

Estimate of Total Project Cost: \$ 90,636,000

Itemization of Sources of Funds:

Build Indiana Fund Request: \$ 3,000,000
for 1991-92 biennium

Other Funds Dedicated to Project:

<u>Source</u>	<u>Amount</u>
Federal-Congressional Appropriations	\$ 67,085,000
Local County/Municipal participation	\$ 4,000,000 (estimated)

10. Permits:

<u>Authority</u>	<u>Type of Permit or License</u>	<u>Status of Permit: Indicate if Applied for/Approved</u>
Federal	Federal construction authorization as part of Water Resources Development Act of 1986	Passed Congress 1986 session
State	Project authorization as a State Flood Control Project	Approved May 15, 1990

11. Project Timetable

12. Project Budget

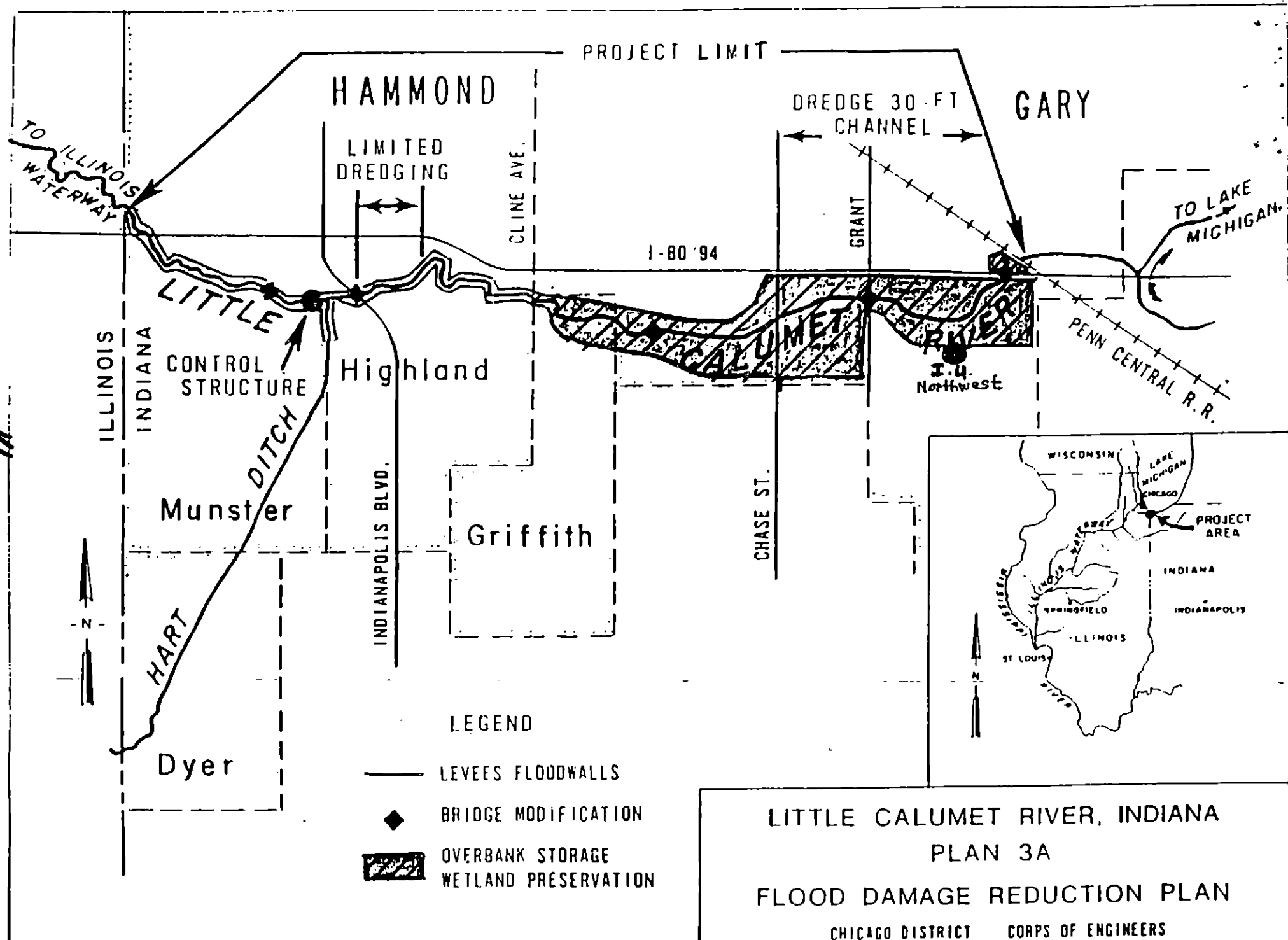
> See following page

ESTIMATE OF CONTRIBUTED FUNDS REQUIREMENTS - LITTLE CALUMET RIVER FLOOD CONTROL PROJECT

	COMPLETED WORK	FY 90	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	TOTAL
	PAYABLE FY 90											
STRUCTURAL FLOOD CONTROL COSTS	\$1,394,000	\$1,695,000	\$12,398,000	\$15,323,000	\$15,814,000	\$14,652,000	\$16,396,000	\$5,512,000	\$0	\$0	\$0	\$83,184,000
MINIMUM CASH PERCENTAGE 5%	\$69,700	\$84,750	\$619,900	\$766,150	\$790,700	\$732,600	\$819,800	\$275,600	\$0	\$0	\$0	\$4,159,200
COST SHARING PERCENTAGE 25%	\$348,500	\$423,750	\$3,099,500	\$1,830,750	\$3,953,500	\$1,663,000	\$4,099,000	\$1,378,000	\$0	\$0	\$0	\$20,796,000
ESTIMATED LANDS COSTS	\$0	\$111,000	\$5,992,000	\$1,821,000	\$505,000	\$128,000	\$14,000	\$10,000	\$0	\$0	\$0	\$8,581,000
ESTIMATED RELOCATIONS COST	\$0	\$0	\$2,123,000	\$3,826,000	\$2,466,000	\$236,000	\$9,000	\$0	\$0	\$0	\$0	\$8,660,000
ADDITIONAL CASH/(EXCESS CREDIT)	\$278,800	\$228,000	(\$5,635,400)	(\$2,582,400)	\$191,800	\$2,566,400	\$3,256,200	\$1,092,400	\$0	\$0	\$0	(\$604,200)
NON STRUCTURAL FLOOD CONTROL COSTS	\$210,000	\$1,079,000	\$3,921,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,210,000
COST SHARING PERCENTAGE 25%	\$52,500	\$269,750	\$980,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,302,500
ESTIMATED LANDS COSTS	\$0	\$298,000	\$1,254,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,552,000
ESTIMATED RELOCATIONS COST	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADDITIONAL CASH/(EXCESS CREDIT)	\$52,500	(\$28,250)	(\$273,750)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$249,500)
RECREATION COSTS	\$0	\$28,000	\$65,000	\$218,000	\$300,000	\$258,000	\$294,000	\$110,000	\$0	\$0	\$0	\$1,273,000
COST SHARING PERCENTAGE 50%	\$0	\$14,000	\$32,500	\$109,000	\$150,000	\$129,000	\$147,000	\$55,000	\$0	\$0	\$0	\$636,500
ESTIMATED LANDS COSTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ESTIMATED RELOCATIONS COST	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADDITIONAL CASH/(EXCESS CREDIT)	\$0	\$14,000	\$32,500	\$109,000	\$150,000	\$129,000	\$147,000	\$55,000	\$0	\$0	\$0	\$636,500
FISH & WILDLIFE ENHANCEMENT COSTS	\$0	\$0	\$60,000	\$306,000	\$388,000	\$142,000	\$73,000	\$0	\$0	\$0	\$0	\$969,000
COST SHARING PERCENTAGE 25%	\$0	\$0	\$15,000	\$76,500	\$97,000	\$35,500	\$18,250	\$0	\$0	\$0	\$0	\$242,250
ESTIMATED LANDS COSTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ESTIMATED RELOCATIONS COST	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADDITIONAL CASH/(EXCESS CREDIT)	\$0	\$0	\$15,000	\$76,500	\$97,000	\$35,500	\$18,250	\$0	\$0	\$0	\$0	\$242,250
OPERATIONS & MAINTENANCE COSTS	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
TOTAL PROJECT COSTS (NOT INCLUDING O&M)	\$1,604,000	\$2,802,000	\$16,441,000	\$15,847,000	\$16,502,000	\$15,052,000	\$16,763,000	\$5,622,000	\$0	\$0	\$0	\$90,636,000
MINIMUM CASH CONTRIBUTION	\$69,700	\$56,500	\$346,150	\$766,150	\$790,700	\$732,600	\$819,800	\$275,600	\$0	\$0	\$0	\$3,857,200
COST SHARING REQUIREMENT	\$401,000	\$707,500	\$4,127,250	\$4,016,250	\$4,200,500	\$3,827,500	\$4,264,250	\$1,433,000	\$0	\$0	\$0	\$22,977,250
ESTIMATED LANDS COSTS	\$0	\$409,000	\$7,246,000	\$1,821,000	\$505,000	\$128,000	\$14,000	\$10,000	\$0	\$0	\$0	\$10,133,000
ESTIMATED RELOCATIONS COST	\$0	\$0	\$2,123,000	\$3,826,000	\$2,466,000	\$236,000	\$9,000	\$0	\$0	\$0	\$0	\$8,660,000
CREDITS CARRIER OVER FROM PRIOR YEARS	\$1,667,000	\$1,335,700	\$1,093,700	\$6,681,600	\$9,078,500	\$8,639,700	\$5,908,800	\$2,487,350	\$1,339,950	\$1,339,950	\$1,339,950	\$1,339,950
ADDITIONAL CASH/(EXCESS CREDIT)	(\$1,335,700)	(\$1,093,700)	(\$6,681,600)	(\$9,078,500)	(\$8,639,700)	(\$5,908,800)	(\$2,487,350)	(\$1,339,950)	(\$1,339,950)	(\$1,339,950)	(\$1,339,950)	(\$1,339,950)
OPERATIONS & MAINTENANCE COSTS	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000
SPONSOR'S REQUIREMENT (INCLUDING O&M)												
ESCROW ACCOUNT FOR FEDERAL CONTRACTS	\$69,700	\$56,500	\$346,150	\$766,150	\$790,700	\$732,600	\$819,800	\$275,600	\$0	\$0	\$0	\$3,857,200
FUNDS REQUIRED FOR SPONSOR MANAGED WORK	\$0	\$409,000	\$9,369,000	\$5,697,000	\$3,021,000	\$164,000	\$123,000	\$160,000	\$150,000	\$150,000	\$150,000	\$19,693,000
TOTAL RESPONSIBILITY	\$69,700	\$465,500	\$9,715,150	\$6,463,150	\$3,811,700	\$1,196,600	\$942,800	\$435,600	\$150,000	\$150,000	\$150,000	\$23,550,200
SPONSOR'S FUNDING SOURCES												\$0
BASE CAPITAL INVESTED	\$700,000											\$700,000
COMMISSION LOCAL OPERATING ACCOUNT	\$272,299											\$272,299
ALLOCATED STATE FUNDS ON DRAW DOWN CLAIM	\$1,786,898											\$1,786,898
APPROPRIATED FUNDS YET TO BE ALLOCATED	\$4,000,000											\$4,000,000
FUTURE FUNDING FROM STATE			\$3,000,000		\$3,000,000		\$3,000,000					\$9,000,000
LANDS IN COMMISSION OWNERSHIP	\$4,284,101											\$4,284,101
LANDS PROVIDED BY OTHER PUBLIC ENTITIES	\$1,380,000											\$1,380,000
LANDS AVAILABLE THROUGH DRAINAGE BOARD EASEMENTS	\$369,297											\$369,297
RELOCATIONS PROVIDED BY UTILITY			\$100,000	\$100,000	\$100,000							\$300,000
RELOCATIONS ACCOMPLISHED BY IDOT				\$2,000,000		\$2,000,000						\$4,000,000

11. Project Timetable
12. Project Budget

18



13. Signatures:

1. Doyle Niemeyer

Typed Name

Doyle Niemeyer
Signature

Chairman, Little Calumet River
Basin Development Commission

Title

5-30-90
Date

2. Dan Gardner

Typed Name

Dan Gardner
Signature

Executive Director

Title

May 30, 1990
Date

TABLE OF CONTENTS

1. Support letter of Plan 3A written by the former U. S. Senator Dan Quayle and the present U. S. Senator Richard Lugar addressed to the Honorable Robert T. Stafford, Chairman of the Committee on Environment and Public Works, Washington, D.C. dated November 1, 1983.
2. Support letter of Plan 3A written by U. S. Senator Richard Lugar, U. S. Senator Dan Coats and Congressman Peter J. Visclosky addressed to the Honorable Richard Darman, Director of the Office of Management and Budget, Washington, D.C. dated February 15, 1989.
3. Testimony of Congressman Peter Visclosky in support of the Little Calumet River Basin Development Commission's Capital Budget Request dated September 29, 1988.
4. Support letter of the Little Calumet River Flood Control and Recreation Project written by the Northwest Indiana Forum Foundation (a three county private/public sector economic development group) addressed to Mr. John S. Doyle, Assistant Secretary for the Army for Civil Works, U. S. Army Corps of Engineers dated September 29, 1988.

United States Senate

WASHINGTON, D.C. 20510

AGRICULTURE, NUTRITION

SELECT COMMITTEE

November 1, 1983

Honorable Robert T. Stafford
Chairman
Committee on Environment and Public Works
410 Dirksen Senate Office Building
Washington, D. C. 20510

Dear Bob:


As the Committee on Environment and Public Works continues its markup of S. 1739, the omnibus water projects authorization bill, we would appreciate your including in the bill an authorization for the Little Calumet River Project, Indiana as recommended by the Chicago District of the U. S. Army Corps of Engineers.

The Chicago District plan offers a comprehensive solution to the critical flooding problems of the Little Calumet River corridor and it also provides enhanced recreational opportunities for the citizens of Northwest Indiana. The State of Indiana has already committed over \$5 million to the acquisition of land for the project; it enjoys our firm support and that of Governor Orr, Congresswoman Hall, the Little Calumet River Basin Development Commission, the State Department of Natural Resources, the State Department of Highways, the residents of the affected areas, local officials, and environmental leaders.

It is our understanding that the Board of Rivers and Harbors has forwarded the Chicago District Plan (plan 3A) to the Chief Engineer along with an alternate plan which has been recommended by the Board. We strongly favor plan 3A because it provides adequate protection to the residents of Gary and does not involve the forced relocation of any families. Nor does it result in inadequate protection or Interstate 80/94.

We urge your Committee to authorize the Little Calumet River Project as proposed by the Chicago District. Should you have any further questions, please do not hesitate to contact us or Jeff Burnam or Janet Boyd of our staffs.

Sincerely,



Don Quayle
United States Senator



Richard G. Lugar
United States Senator

RICHARD G. LUGAR

IN 300 SENATE OFFICE BUILDING
WASHINGTON, DC 20510
703-226-1814

COMMITTEES

FOREIGN RELATIONS

AGRICULTURE, NUTRITION AND FORESTRY

United States Senate

WASHINGTON, DC 20510

February 15, 1989

The Honorable Richard G. Darman, Director
Office of Management and Budget
Old Executive Office Building
Washington, D.C. 20503

Dear Director Darman:

We would like to indicate our strong support of Alternative 3A for the Little Calumet River Project in Indiana.

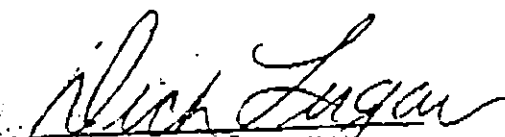
The Little Calumet River Project is a key flood control and recreation project in Northwest Indiana, affecting two counties and over 9,500 homes and businesses in Gary, Griffith, Hammond, Highland and Munster. This project will also be a catalyst to future economic development.

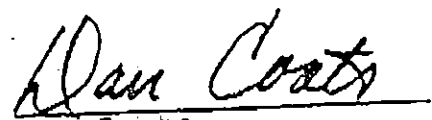
In 1986, Congress specifically authorized Alternative 3A for the Little Calumet River Project. This was the only plan to afford full and equitable flood control protection; it was also the only alternative which was acceptable to the non-federal interests who must cost-share on this project.

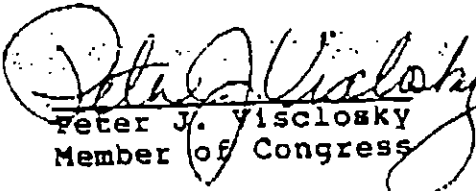
We are pleased to learn that the U.S. Army Corps of Engineers has recently reevaluated a modified version of Alternative 3A. Costs have been cut and additional benefits have been identified in a Decision Document of January 17, 1989 by the Chicago District of the Corps.

We recently met with top officials of the U.S. Army Corps of Engineers to indicate our strong support for the 3A plan as modified. We would like to make you aware of our strong interest in this project and to request your timely and favorable consideration of this issue.

Sincerely,


Richard G. Lugar
United States Senator


Dan Coats
United States Senator


Peter J. Visclosky
Member of Congress

cc: Robert Grady, Associate Director
The Honorable Dan Quayle

COMMITTEES

PUBLIC WORKS AND
TRANSPORTATION

EDUCATION AND LABOR

INTERIOR AND
INSULAR AFFAIRS

CONGRESSIONAL STEEL CAUCUS

WHIP-AT LARGE

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

TESTIMONY OF

PETER J. VISCLOSKY

MEMBER OF CONGRESS

IN SUPPORT OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT
COMMISSION'S CAPITAL BUDGET REQUEST

SEPTEMBER 29, 1988

I strongly support the Little Calumet River Basin Development Commission's capital budget request for the 1989-91 State Biennium Budget. The Commission's \$3 million request will provide the necessary funds to begin construction of a key flood control project in Lake and Porter counties.

The Little Calumet River Project will provide comprehensive flood control for a number of cities and towns in Northwest Indiana including Hammond, Gary, Munster, Portage, Griffith, Highland and Lake Station. This project will improve the quality of life for residents in these communities and open new land for economic development throughout the region.

Today's request will provide some of the funds needed to match the Federal grants which have already been authorized for the construction of this project. In 1986, Congress passed the Water Resources Development Act which authorizes the U.S. Army

Corps of Engineers to construct this important project. On July 19, 1988, the President signed into law the Fiscal Year 1989 Energy and Water Development Appropriations Act into law which provided \$240,000 for the final study of this project prior to its construction.

Construction is scheduled to begin during the spring of 1990. The request before you today will enable it to begin on time.

Since coming to Congress, I have advocated the authorization of this project and implementation of a plan which would ensure its construction from the Illinois state line east to I-65 in Gary. This plan (Plan 3A) will provide significant benefits. According to the Army Corps' regional office, flooding of the Little Calumet River results in an average of \$8.7 million in damage each year. In sum, it is estimated that almost \$10 million in economic benefits would ensue from the project each year.

Plan 3A would construct levees and flood walls along portions of the river while deepening and widening it in others. The estimated total cost of the project is \$67.3 million. These costs will be shared by the Federal government, the state of Indiana, and local governments with the Federal government paying the greatest share of the cost.

In order to fully utilize the federal funds already authorized for the project and move ahead with Plan 3A, it is essential that the Commission's funding request be appropriated

during the next session of the General Assembly.

I therefore conclude by respectfully requesting your approval of this budget item - not only for those who suffer the ravages of flooding, but for all those who would benefit by a rejuvenated local economy.



**Northwest Indiana
Forum Foundation**

3700 East Lincoln
Merrillville, Indiana
(219) 769-0100
(219) 947-1111

September 29, 1988

Mr. John S. Doyle
Assistant Secretary
Army for Civil Works
U.S. Army Corps of Engineers
Washington, D.C. 20310-0103

Dear Mr. Doyle:

The Northwest Indiana Forum, a three county private/public sector economic development group dedicated to the expansion of business development, wishes to indicate strong support for the construction of the Little Calumet River Flood Control and Recreation Project by the U.S. Army Corps of Engineers. This project is viewed as having a major positive impact upon the economic environment as well as improving the physical environment for the Little Calumet River corridor--located in the heart of the urban area paralleling I-80/94.

The construction of the structural levee flood protection system from the Illinois State line to Dr. Martin Luther King Drive will provide full flood protection for the some 9,500 structures in the corridor now subject to dangerous and costly flooding. In addition, structural protection is needed to insure the use of I-80/94 and critical north/south arteries crossing the river during floods and for the protection of the Indiana University Northwest Campus.

This project will allow construction of a 2,500 acre regional recreation corridor which will add to the area's attractiveness and quality of life. A major final benefit in our view will be the over 3,000 acres of presently marginal land that will be available for economic development/redevelopment along the I-80/94 corridor.

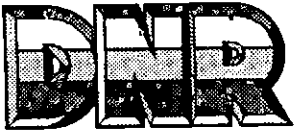
We feel this project is a vitally needed infrastructure piece in the economic recovery scheme for Northwest Indiana. As such, we strongly urge your favorable consideration of this project and urge Federal and State appropriations to achieve the projected 1990 Federal construction start.

Sincerely,


Richard H. Griebel
President and CEO

RHG/bas

bcc: Dan Gardner
Denis Ribordy
Quentin Blachly
Jane Scholz



INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Water
2475 Directors Row
Indianapolis, Indiana 46241
317-232-4160

May 17, 1990

Mr. Dan Gardner
Executive Director
Little Calumet River Basin
Development Commission
8149 Kennedy Avenue
Highland, Indiana 46322

Dear Dan:

This is to inform you that on May 15, 1990 the Council on Water and Mineral Resources of the Department of Natural Resources approved the Flood Control Project along The Little Calumet River In Lake County with three conditions. A copy of the Engineers Report is also enclosed.

If you have any questions, please contact the Planning Branch, Division of Water, telephone (317) 232-4221.

Sincerely,

John N. Simpson, P.E., L.S.
Director
Division of Water

JNS/RLW:cf

Enclosure

"EQUAL OPPORTUNITY EMPLOYER"

COMMENTS BY DIVISIONS: The following comments have been received concerning the project.

Division of Water: According to IC 36-9-27-25, when a floodcontrol project is approved by the Commission on this stream, the Little Calumet River would no longer be a regulated drain under the County Drainage Board. Also, according to IC 14-6-29.5-11 the right-of-entry and right-of-way powers over and upon private lands that is given the county surveyor or Drainage Board under IC 36-9-27-33 is transferred to the Little Calumet River Basin Development Commission.

Since the Little Calumet River is a navigable stream, any structures which are proposed in the channel itself will be reviewed pursuant to IC 13-2-4-9.

It is difficult to describe the effect of the project on flood stages since the storms evaluated do not give a direct comparison. Currently the Flood Insurance Studies completed by the Corps of Engineers from 1980 through 1983 for the Federal Emergency Management Agency are used by the local governments for their floodplain management activities. These elevations are given in the first column. The Corps of Engineers has estimated the effect of land use changes by the year 2000 and these elevations are shown in column 2. The Corps of Engineers has also computed the effect of the proposed project on the 100 year flood with year 2000 conditions and these elevations are shown in column 3 and are based upon the assumption that the Cady Marsh Ditch Diversion project located at Griffith and the CUP-Thornton Corps of Engineers reservoir and the S.C.S. Thorn Creek reservoir in Illinois are constructed. The last column shows the elevation of the 200 years design storm with project.

Location	ELEVATION 100 YR. STORM		200 YR. STORM	
	F.I.S.	Yr. 2000	Yr. 2000 With Proj.	Yr. 2000 With Proj.
State Line	598.2	597.8	594.3	595.3
Hart Dt.	599.2	599.4	600.4	600.9
Kennedy Ave.	598.0	598.2	599.7	600.2
Cline Ave.	597.9	598.0	599.7	600.1
Chase St.	596.5	596.8	598.9	599.2
Broadway Ave.	596.2	596.6	598.4	598.7
Conrail R.R.	594.4	595.4	597.7	598.0

The project will protect those lands landward of the proposed levees from a 200 year flood event based upon future land use conditions; the levees will have at least three feet of freeboard above the 100 year flood; and will be maintained by a governmental body. Therefore, with the project in place, those properties landward of the levees and not in a floodplain of another stream can be removed from the floodplain and the building owners will not be required to buy flood insurance.

However, the area south of the river and between Cline Ave. and Chase St. will not be protected by a levee but the homes will be floodproofed by various means and protected to an elevation one foot above the 100 year flood stage with the project in place. In the current discussions with the U.S. Army Corps of Engineers, they are being urged to re-evaluate this area and to provide the same degree of protection to this area as the rest of the project area will receive.

Project No. 90-1

Division of Forestry: The Division encourages mitigation for loss to shrub/scrub and forest land uses. Staff is available to provide technical advice for tree plantings.

It is also recommended that all trees cleared be utilized and not buried or burned.

Division of Nature Preserves: Disturbances to the Tolleston Woods, a significant natural area immediately southeast of a spoil disposal area in the Gary landfill, must be avoided.

The levee will be located on the south side of Lake Etta Park and efforts should be made to avoid significant alterations to existing hydrology of the lake.

The Natural Heritage Program database shows reports for several rare birds at Gleason Park Marsh which is west of Broadway and south of the river

If there should be any change in the location of the levees, channel modification, borrow site, or disposal sites, the Division of Nature Preserves requests to be given an opportunity to review the changes.

Division of Outdoor Recreation: Recreational facilities and lineal greenway corridors are of critical importance to highly developed urban areas. We recommend implementation of the proposed recreation plan including the hiking trail, support facilities, and canoe launch.

If Site C is chosen for borrow, impacts to wetlands must be avoided or minimized or both.

Division of Fish & Wildlife: The Division of Fish & Wildlife is concerned mainly about the wetland losses as a result of this project. The Division would have no opposition to the project if the project were to restore wetlands in the immediate area and at the following ratios: emergent wetlands at a 1:1 ratio, scrub shrub wetlands at a 2:1 ratio, and forested wetlands at a 3:1 ratio. The recommended mitigation from earlier coordination should be incorporated into the project. Borrow areas should not impact wildlife habitat including wetlands.

The Division is also concerned about the rare plant and bird species in the area. A monitoring program should be implemented to insure that the mitigation will be successful.

Council Meeting: May 15, 1990

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER
Indianapolis, Indiana

Project No. 90-1

TITLE: FLOOD CONTROL PROJECT ALONG THE LITTLE CALUMET RIVER IN LAKE COUNTY

AUTHORITY: Section 401 of the Federal 1986 Water Resources Development Act (P.L. 99-662)

FEDERAL AGENCY: U.S. Army Corps of Engineers
Chicago District
219 South Dearborn St.
Chicago, IL 60604

LOCAL PARTNER: Little Calumet River Basin Development Commission
8149 Kennedy Ave.
Highland, IN 46322

LOCATION: The eastern end of the project is at the Central (Penn Central) R. R. just north of the Interstate 80/94 in the SW 1/4, Sec. 15, T.36 N., R.8 W. and extends westward to the Indiana/Illinois State line.

PROJECT DESCRIPTION: The objective of the project is flood damage reduction and general recreation. The project will consist of the construction of 9.7 miles of setback levees in Gary and Griffith; the replacement of 9.5 miles of levees between the Indiana/Illinois State line and Cline Avenue in Hammond, Highland and Munster; the construction of 12.2 miles of new levees and floodwalls between the State line and Cline Avenue in Hammond, Highland, Munster and Griffith; the installation of a regulating structure just west of the confluence with Hart Ditch; a waterable control structure at the downstream end of the project; the modification of 11 existing and the construction of one new storm water pumping stations; the removal of 39 homes in Gary's Black Oak area; the floodproofing of 53 homes generally in Gary; the modification of the Grant Street and Indianapolis Blvd. bridges and the culverts under Georgia Street and Interstate 80/94.

The recreation plan consists of 16.8 miles of hiking trails and five support areas containing parking areas, sanitation facilities, canoe launch at four of the sites; an overlook at two sites; and nature education center with the associated wetlands and about 4,000 feet of nature trails.

Project No. 90-1**Page Two**

The project also features the installation of Wood Duck nest boxes, creation of potholes in existing wetlands, creation of herbaceous buffer strips, and landscaping the new levees with shrubs and trees.

PROJECT BENEFITS: The flooding problem along the Little Calumet River has long been considered by the Department to be one of the most serious urban flooding problems in Indiana. Average annual flood damages, in 1980 dollars, for existing conditions and development along the Little Calumet River are estimated to total \$5.4 million. The project will protect about 3,500 acres of existing residential, commercial, industrial, recreational, and transportation lands from a 200 year frequency flood of the river. These lands contain 3,480 structures in Hammond; 1,270 structures in Munster; 1,810 structures in Highland; 35 structures in Griffith; and 2,165 structures in Gary. Interstate 80/94 will be protected from flooding.

PROJECT COSTS: The total estimated cost of the project is \$80.0 million. The Federal cost is \$54.4 million and the non-federal cost of \$25.6 million is to be paid by the State of Indiana through the Little Calumet River Basin Development Commission.

The non-federal cost includes \$19.7 million for lands, easements, and rights-of-ways, modification of utilities and highway bridges, and relocation of buildings. In addition there will be a cash contribution for construction of \$3.6 million for flood control and \$2.3 million for recreation and fish and wildlife mitigation.

Non-federal interests have received credits for \$7.2 million for required lands purchased through the Department and the Commission, \$1.4 million for required lands purchased by local government, and \$1.7 million for local works such as channel dredging, levee reconstruction, and pumping stations.

The non-federal interests will also be responsible for the operation and maintenance which is estimated to be \$153,000 annually.

BENEFIT/COST RATIO: With average annual benefits of \$13,711,000 and average annual costs of \$8,360,000; benefit/cost ratio is 1.64.

CONSTRUCTION: A project agreement will be signed in spring of 1990 and construction is proposed to begin in the same year. Construction is projected to last for eight (8) construction seasons:

Project No. 90-1

Page Three

- I. Construct a ring levee around NIPSCO electric substation at Chase Street; relocate 23 residents in Black Oak area and demolish the structures;
- II. Construct remaining nonstructural works; the levee between Burr and Broadway streets and adjacent wildlife mitigation.
- III. Construct the levee from Chase street to Broadway street and the adjacent wildlife mitigation.
- IV. Construct the levees from Broadway to the Conrail R.R. and from Cline Ave. to Burr St. and the adjacent wildlife mitigation.
- V. Construct the levee from Northcote Ave. to Kennedy Ave., construct the Hart Ditch regulating structure; landscape the eastern reach; and raise Indianapolis Blvd. bridge.
- VI. Construct levee from Kennedy to Cline Avenues.
- VII. Construct levee from Columbia to Northcote Avenues;
- VIII. Construct levee from Columbia Ave. to the State line.

COMMENTS BY DIVISIONS: The following comments have been received concerning the project.

Division of Water: According to IC 36-9-27-25, when a floodcontrol project is approved by the Commission on this stream, the Little Calumet River would no longer be a regulated drain under the County Drainage Board. Also, according to IC 14-6-29.5-11 the right-of-entry and right-of-way powers over and upon private lands that is given the county surveyor or Drainage Board under IC 36-9-27-33 is transferred to the Little Calumet River Basin Development Commission.

Since the Little Calumet River is a navigable stream, any structures which are proposed in the channel itself will be reviewed pursuant to IC 13-2-4-9.

Project No. 90-1

Page Four

It is difficult to describe the effect of the project on flood stages since the storms evaluated do not give a direct comparison. Currently the Flood Insurance Studies completed by the Corps of Engineers from 1980 through 1983 for the Federal Emergency Management Agency are used by the local governments for their floodplain management activities. These elevations are given in the first column. The Corps of Engineers has estimated the effect of land use changes by the year 2000 and these elevations are shown in column 2. The Corps of Engineers has also computed the effect of the proposed project on the 100 year flood with year 2000 conditions and these elevations are shown in column 3 and are based upon the assumption that the Cady Marsh Ditch Diversion project located at Griffith and the CUP-Thornton Corps of Engineers reservoir and the S.C.S. Thorn Creek reservoir in Illinois are constructed. The last column shows the elevation of the 200 years design storm with project.

Location	<u>ELEVATION 100 YR. STORM</u>		<u>200 YR. STORM</u>	
	<u>F.I.S. Yr. 2000</u>	<u>Yr. 2000 With Proj.</u>	<u>Yr. 2000 With Proj.</u>	
State Line	598.2	597.8	594.3	595.3
Hart Dt.	599.2	599.4	600.4	600.9
Kennedy Ave.	598.0	598.2	599.7	600.2
Cline Ave.	597.9	598.0	599.7	600.1
Chase St.	596.5	596.8	598.9	599.2
Broadway Ave.	596.2	596.6	598.4	598.7
Conrail R.R.	594.4	595.4	597.7	598.0

The project will protect those lands landward of the proposed levees from a 200 year flood event based upon future land use conditions; the levees will have at least three feet of freeboard above the 100 year flood; and will be maintained by a governmental body. Therefore, with the project in place, those properties landward of the levees and not in a floodplain of another stream can be removed from the floodplain and the building owners will not be required to buy flood insurance.

However, the area south of the river and between Cline Ave. and Chase St. will not be protected by a levee but the homes will be floodproofed by various means and protected to an elevation one foot above the 100 year flood stage with the project in place. In the current discussions with the U.S. Army Corps of Engineers, they are being urged to re-evaluate this area and to provide the same degree of protection to this area as the rest of the project area will receive.

Project No. 90-1

Page Five

Division of Forestry: The Division encourages mitigation for loss to shrub/scrub and forest land uses. Staff is available to provide technical advice for tree plantings.

It is also recommended that all trees cleared be utilized and not buried or burned.

Division of Nature Preserves: Disturbances to the Tolleston Woods, a significant natural area immediately southeast of a spoil disposal area in the Gary landfill, must be avoided.

The levee will be located on the south side of Lake Etta Park and efforts should be made to avoid significant alterations to existing hydrology of the lake.

The Natural Heritage Program database shows reports for several rare birds at Gleason Park Marsh which is west of Broadway and south of the river

If there should be any change in the location of the levees, channel modification, borrow site, or disposal sites, the Division of Nature Preserves requests to be given an opportunity to review the changes.

Division of Outdoor Recreation: Recreational facilities and lineal greenway corridors are of critical importance to highly developed urban areas. We recommend implementation of the proposed recreation plan including the hiking trail, support facilities, and canoe launch.

If Site C is chosen for borrow, impacts to wetlands must be avoided or minimized or both.


Division of Fish & Wildlife: The Division of Fish & Wildlife is concerned mainly about the wetland losses as a result of this project. The Division would have no opposition to the project if the project were to restore wetlands in the immediate area and at the following ratios: emergent wetlands at a 1:1 ratio, scrub shrub wetlands at a 2:1 ratio, and forested wetlands at a 3:1 ratio. The recommended mitigation from earlier coordination should be incorporated into the project. Borrow areas should not impact wildlife habitat including wetlands.

The Division is also concerned about the rare plant and bird species in the area. A monitoring program should be implemented to insure that the mitigation will be successful.

Project No. 90-1

CONCLUSIONS:

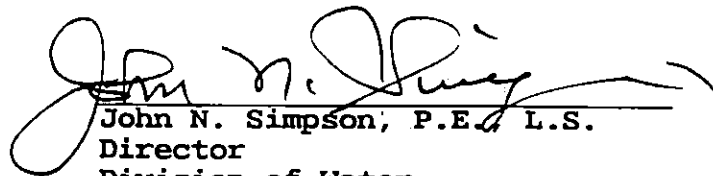
The proposed flood control project will be an aid to and acceptable as part of flood control in the State and will not adversely affect or interfere with any other flood control works in the State.


Richard L. Wawrzyniak, P.E., L.S.
Assistant Director
Division of Water

RECOMMENDATION:

It is recommended that the Little Calumet River Flood Control Project be approved under Sec. 15 of I.C.13-2-22 with the following conditions that:

- (1) any structure, excavation, deposit, or obstruction in or on the floodway of the Little Calumet River be submitted to the Commission for approval prior to construction,
- (2) that the U.S. Army Corps of Engineers seriously reconsider the level of flood protection to be provided to the area south of the river and between Cline Ave. and Chase St. so as to provide the same level of protection to this area as the rest of the project area,
- (3) that the U.S. Army Corps of Engineers work very closely with the Divisions of Fish & Wildlife, Nature Preserves, and Outdoor Recreation while developing final details to avoid environmental damage and to mitigate wetlands at the ratio suggested by the Division of Fish and Wildlife.


John N. Simpson, P.E., L.S.
Director
Division of Water



DAN Gardner

Federal Emergency Management Agency

175 West Jackson, 4th Floor, Chicago, IL 60604 (312) 408-5500
Region V

May 31, 1990

Mr. Beldon McPheron
Project Coordinator
U.S. Army Corps of Engineers
111 N. Canal Street
Chicago, IL 60606

Dear Mr. McPheron:

Thank you for inviting a representative of this office to attend the meeting last Friday May 25th in Highland, Indiana. Terry Reuss-Birman has briefed me on the meeting. Although I am sure Terry adequately articulated FEMAs concerns regarding the Cline Avenue to Chase Street segment of the project, I am writing to recapitulate those concerns. As Terry advised at the meeting, FEMA is a consultant to Federal agencies on Executive Order 11988 and 11990 compliance, and administrators the National Flood Insurance Program (NFIP) which established minimum floodplain management criteria for local communities.

First, Executive Order 11988 requires the evaluation of alternatives and public involvement in the decision making process. The Cline Avenue to Chase Street segment of this project is of critical EO 11988 significance and is unique to the project in that it is the only segment for which "non-structural measures" are being proposed. As currently proposed for this segment, the project itself will increase BFEs as well as the areal extent of flooding. We remain concerned that alternatives for this segment were not appropriately evaluated with public involvement and that, at this time, it is presumptuous to assume that there is "no practicable alternative" to "floodproofing" the 53 buildings in this area.

At the conclusion of the May 25th meeting, Mr. D'Aniello agreed (for the COE) to determine approximate costs of 5 possible alternatives for this segment which were identified at the meeting. We agree that cost is a critical factor in determining "practicable alternatives" as required by the Executive Order, but it is not the only factor to consider.

Second, let us assume that we accept the premise that there is "no practicable alternative" to the use of non-structural measures in this segment and that individual structures will be "floodproofed". We question both methods used to determine which structures are subject to flooding. Specifically, it is our understanding that you have determined 1st floor elevations and low water entry points for each structure in the area. It is our understanding that you have identified the need to provide floodproofing only to those with low water entry points below the with-project Base Flood Elevation (BFE). In our opinion the Lowest Adjacent Grade (LAG) and lowest floor elevations are more appropriate criteria to

evaluate flood risk to a particular structure. LAG and lowest floor elevations are used by the NFIP to determine if property is located within the Special Flood Hazard Area (SFHA), and our (FEMAs) exposure to flood risk in insuring the structure which is used to establish flood insurance premium rates.

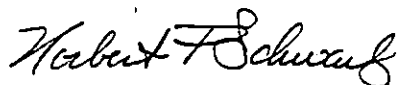
Finally, again we will assume that we accept the premise that there is "no practicable alternative" to the currently proposed use of non-structural measures in this segment and that the project will include "floodproofing" of structures not adequately protected by levees. We consider the level of flood protection currently proposed for these structures to be inadequate. Executive Order 11988 requires agencies to minimize possible harm to the smallest degree possible. It has generally been recognized that the NFIP floodplain management standards are the minimum acceptable for Executive Order compliance. The "floodproofing" standards currently proposed by the COE would violate NFIP criteria as well as local ordinances adopted for NFIP compliance for any structure meeting the "substantial improvement" definition. Substantial improvement means:

... any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure either, a) before the improvement or repair is started, or b) if the structure has been damaged, and is being restored, before the damage occurred. ...

In Indiana, the NFIP requires that all substantially improved residential structures meet the elevation requirements and have their lowest floor (including basement) elevated at least two feet above the Base Flood Elevation. We are concerned that the "floodproofing" levels currently proposed may violate the NFIP standards generally accepted as minimums.

Again, we thank you for the opportunity to participate and hope you regard our comments as constructive. If you have any questions, please contact Terry Reuss-Birman at (312) 408-5538 or me at (312) 408-5552.

Sincerely,



Norbert F. Schwartz, Chief
Natural Hazards Branch
Natural & Technological Hazards
Division

cc: Dick Wawrzyniak, DNR
Dan Gardner, Little Calumet River Development Commission

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

FOR JUNE MEETING

MONTHLY BUDGET REPORT

BUDGET CODE	BUDGET CATEGORY	BUDGET AMOUNT	AMOUNT PAID PREVIOUSLY	UNPAID BALANCE	AMOUNT READY FOR PAYMENT	PROJECTED BALANCE
119	PER DIEM EXPENSES	16000.00	0.00	16000.00	0.00	16000.00
311	LEGAL SERVICES	7500.00	1229.32	6270.68	283.33	5987.35
312	NIRPC SERVICES	94000.00	18956.86	75043.14	4779.14	70264.00
323	TRAVEL & MILEAGE	6000.00	1363.00	4637.00	274.25	4362.75
331	PRINTING & ADVERTISING	2500.00	414.97	2085.03	0.00	2085.03
341	BONDS & INSURANCE	7500.00	5918.50	1581.50	0.00	1581.50
361	EMERGENCY MAINTENANCE COSTS	3500.00	0.00	3500.00	0.00	3500.00
399	MEETING EXPENSES	3000.00	190.66	2809.34	29.87	2779.47
411	LEGAL SERVICES	50000.00	10731.00	39269.00	3846.00	35423.00
412	PROFESSIONAL SERVICES	150000.00	76249.93	73750.07	12617.26	61132.81
413	LAND PURCHASE COSTS	5790576.00	117666.18	5672909.82	10555.00	5662354.82
414	LAND CAPITAL IMPROVEMENTS	150000.00	36128.04	113871.96	19869.00	94002.96
415	BURNS WATERWAY BREAKWATER	0.00	0.00	0.00	0.00	0.00
416	STRUCTURES CAPITAL IMPROVEMENT	40000.00	0.00	40000.00	0.00	40000.00
417	PROPERTY/STRUCTURES INSURANCE	25000.00	13702.00	11298.00	342.50	10955.50
		6345576.00	282550.46	6063025.54	52596.35	6010429.19

CLAIMS READY FOR PAYMENT

BUDGET CODE	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
311	LOUIS M. CASALE	283.33	ATTORNEY RETAINER FEE FOR MAY 1990
312	NIRPC	4779.14	FOR SERVICES PERFORMED APRIL 1990
323	JOHN DEMEO	29.00	MILEAGE EXPENSES INCURRED RE: WATER RESOURCES CONGRESS
323	ARLENE COLVIN	25.00	MILEAGE EXPENSES INCURRED RE: WATER RESOURCES CONGRESS
323	WILLIAM TANKE	200.25	TRAVEL AND MILEAGE EXPENSES INCURRED RE: WATER RESOURCES CONGRESS
323	DAVE SPRINGMAN	20.00	MILEAGE EXPENSES INCURRED RE: WATER RESOURCES CONGRESS
399	LOUIS M. CASALE	29.87	MEETING EXPENSES INCURRED ON MAY 23, 1990
411	LOUIS M. CASALE	3846.00	LAND ACQUISITION LEGAL SERVICES RENDERED MAY 1990
412	BONITA LOFTON	750.00	COST INCURRED RE: MOVING EXPENSES
412	NIPSCO	246.61	UTILITY BILL RE: PUMPING EXPENSES 4/16-5/15/90
412	KATIE DOWD	950.00	COST INCURRED RE: MOVING EXPENSES
412	CHARLES BROWN	5078.00	RELOCATION COSTS INCURRED RE: DC308
412	CHARLES FOSTER	650.00	COST INCURRED RE: MOVING EXPENSES
412	KATIE DOWD	32.90	OVERPAYMENT OF RENT RECEIVED FOR MAY 1990 ON LCRBDC PROPERTY
412	ZAJDEL ELECTRIC SALES	2146.00	REPAIR SERVICES RENDERED RE: PUMP ON LCRBDC PROPERTY
412	ROBERT B. STOUFFER	1540.00	LAND ACQUISITION/MANAGEMENT SERVICES RENDERED ON 5/2-25/90
412	CHICAGO TITLE INSURANCE	380.00	TITLE WORK INCURRED ON DC316 AND DC345
412	ROBERT B. STOUFFER	843.75	LAND ACQUISITION/MANAGEMENT SERVICES RENDERED ON 5/29-6/7/90
413	JAMES & MARTHA WILLIAMS	405.00	PURCHASE PRICE OF PROPERTY ON DC326
413	REV. BERNIE SANDERS	10100.00	PURCHASE PRICE OF PROPERTY ON DC320
413	LAKE COUNTY RECORDER	20.00	RECORDING FEES ON DC220, DC227, DC295 AND DC351
413	LAKE COUNTY RECORDER	30.00	RECORDING FEES ON DC287, DC290, DC249, DC250, DC325 AND DC279
414	LK. CNTY PARKS DEPT.	18869.00	SECOND INSTALLMENT RE: MULTI-PURPOSE BUILDING PROJECT
414	LAKE COUNTY PARKS DEPT.	1000.00	SECOND INSTALLMENT RE: ARCHITECTURAL SERVICES AT LAKE ETTA
417	DON POWERS AGENCY, INC.	342.50	COST INCURRED RE: FIRE POLICY ON LCRBDC PROPERTY

52596.35

ADJUTANT
S-1-2

ATTENDANCE ROSTER

Name of meeting: LCRBDC

Date: 6-7-90

	NAME (please print)	Organization and/or Address	
1	Oste Zak	South Shore Marina Inc	1
2	Mary Jane Zak	" " " "	2
3	Olaf Kennedy	Lake County Parks & Rec.	3
4	FRANK MOK	Black Oak Land owner	4
5	Alice Williams	Black Oak Home owner	5
6			6
7			7
8			8
9			9
10			10
11			11
12			12
13			13
14			14
15			15
16			16
17			17
18			18
19			19
20			20
21			21
22			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31

Chairman: Doyle Niemeyer

Location:

Mr. Paul Benkowski
January 16, 1990
Page 2

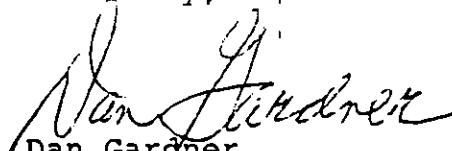
SPONSOR INVITED GUESTS (Cont'd):

Mayor Thomas Barnes, Gary
Mayor Tom McDermott, Hammond
Town Council Presidents of Munster, Highland and
Griffith
Lake County Commissioners and Council and Surveyor
Area Chambers of Commerce
Local environmental support groups (Izaak Walton
League, Salmon Unlimited, etc.)
Area business leaders
Project supporters

Initial contact has been made with the Senators,
Congressman and State leadership. The Commission envisions
a press conference following the signing ceremony with
remarks by officials attending. A short reception will
follow at the conference center.

These are the intentions of the Development Commission.
We look forward to working with the Corps of Engineers to
coordinate the arrangements to accommodate Mr. Page or
other designated representatives of the Secretary's Office.
Please call if you require any other information.

Sincerely,


Dan Gardner
Executive Director

/sjm



Little Calumet River Basin Development Commission

8149 Kennedy Avenue Highland, Indiana 46322 (219) 923-1118

JOHN DEMEO, Chairman
Governor's Appointment

DOYLE NIEMEYER, Vice-Chairman
Governor's Appointment

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

CLYDE BAUGHARD, Secretary
Governor's Appointment

CHARLES AGNEW
Governor's Appointment

GEORGE CARLSON
*Mayor of Hammond's
Appointment*

WILLIAM CRITSER
Governor's Appointment

JERRY PAGAC
*Dept. of Natural Resources'
Appointment*

DAVID SPRINGMAN
Governor's Appointment

JACK SWIKE
*Lake County Commissioners'
Appointment*

WILLIAM TANKE
*Porter County Commissioners'
Appointment*

DAN GARDNER
Executive Director

January 16, 1990

Mr. Paul Benkowski, Chief
Real Estate Division
U. S. Army Corps of Engineers
River Center Building
111 N. Canal Street
Chicago, IL 60606-7206

Dear Mr. Benkowski:

I am writing you regarding the intentions of the Little Calumet River Basin Development Commission in respect to the signing ceremony to initiate construction for the Little Calumet River Flood Control/Recreation Project in Indiana. The Development Commission has forwarded to the Corps by letter dated December 14, 1989 the board resolution indicating the willingness of the Commission to sign the Local Cooperation Agreement. Subsequent, the Development Commission "Financial Capability Statement" was submitted on January 11, 1990. The Development Commission, by these acts, is committed to ensuring a projected May signing ceremony.

Following is a summary of the intentions of the Commission as to the ceremony to date:

CEREMONY LOCATION: Northwest Indiana location benefited by project. Leading candidate site - Indiana University Northwest Campus, Gary Conference Center.

SPONSOR INVITED GUESTS:

Vice President Dan Quayle
Senators Richard Lugar and Dan Coats
Congressman Peter Visclosky
Governor Evan Bayh
Indiana Dept. of Natural Resources Director -
Patrick Ralston
Indiana General Assembly - Budget Committee
leadership
Northwest Indiana Senate and House members
(6 Senators members - 14 House members)

10. PROJECT BUDGET

Funding By Line Item and Source

A. Marina Development:

5,240,475
(1,365,000) In-Kind Contribution (a)

3,875,475

B. Launch Ramps:

362,825
(272,120) Department of Natural Resources: 75%

90,706

C. Restaurant:

249,550
(249,550) Revenue Bond

-0-

D. Marine Sales Facility:

309,350
(309,350) Revenue Bond

-0-

TOTAL PROJECT COSTS: 6,162,200
MATCHING CONTRIBUTIONS: (2,196,020)

BUILD INDIANA REQUEST: 3,966,180

(a): Sand removal by U.S. Marine Corps Reserves.
Note: Budget detail available upon request.

10. Project Budget. Attach a project budget in reasonable detail, itemizing personnel services, other operating, and construction expenses. Identify the source of funds (including in-kind contributions, if any) applicable to each expense item.

See Attachment.

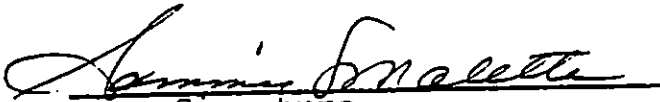
11. Signature of Mayor.

Sammie L. Maletta

Typed Name

Mayor

Title


Signature

5-14-90

Date

7. Project Cost:

Estimate of Total Project Cost:	\$ 6,162,200
Itemization of Sources of Funds:	
Build Indiana Fund Request:	\$ 3,966,180
Other Funds Dedicated to Project:	
Source	Amount
<u>Indiana Dept. of Natural Resources</u>	\$ 272,120
<u>Revenue Bond</u>	\$ 558,900
<u>U.S. Marine Corps Reserve (In-Kind Services)</u>	\$ 1,365,000

8. Permits. If applicable, list all permits, licenses and other authorizations required by any authority for your project.

<u>Authority</u>	<u>Type of Permit or License</u>	<u>Status of Permit:</u> Indicate if <u>Applied for/Approved</u>
City of Portage, Board of Works:	Sand Mining/Excavation	Approved
City of Portage, Plan Commission:	Zoning	Approved
Ind. Dept. of Natural Resources:	Channel Cut Permit	Pending

9. Project Timetable:

<u>Project Activity</u>	<u>Starting Date</u>		<u>Ending Date</u>	
	<u>Month</u>	<u>Year</u>	<u>Month</u>	<u>Year</u>
Construction/Renovation	1/91		12/91	
Machinery and Equipment Installation	6/91		3/92	
Permits	6/90		12/90	
Other				

1. Application Preparer:

Name & Title: Sammie L. Maletta, Mayor

City: Portage

Address: 6070 Central Avenue, Portage, IN 46368

Telephone Number: 762-5425

FAX Number: 762-1484

2. Title of Project: Portage Public Marina

3. Location of Project (include photocopied map showing project location):

The public marina site is located at the intersection of S.R. 249 and Midwest Highway, just south of U.S. Highway 12. It is bounded by the Portage-Burns Waterway on the west.

4. Description of the Project (include discussion of project management and any engineering work completed to date):

Financial feasibility, planning and preliminary design work are complete. The project will be cooperatively managed by the Little Calumet River Basin Development Commission and the City of Portage. The project involves the construction of wet slips, dry stack storage, launch ramps, marine sales facility, and restaurant.

5. Statement of Need for the Project (include discussion of community support for the project):

This project will address the often stated need to create public access and boating opportunity for the general public. It targets the smaller boat (under 30 feet). The Little Calumet River Basin Development Commission and the U.S. Army Corps of Engineers have a long standing commitment to the creation of such a marina facility at this location.

6. Project Justification:

Constructing this project will fulfill Indiana's obligation to the federal government to create a public boating opportunity on this 18 acre site. It will fulfill commitments to public access and public boating. The project is located midway between the Indiana Dunes National Park's east and west units; it will serve as an recreational activity nexus linking the National Park units.



PORTAGE PROJECT