

Little Calumet River Basin Development Commission

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

MEETING NOTICE

THERE WILL BE A MEETING OF THE
LITTLE CALUMET RIVER BASIN DEVELOPMENT
COMMISSION
AT 6:30 P.M. THURSDAY, MARCH 5, 1992
AT THE OFFICE OF THE
REGIONAL PLANNING COMMISSION
8149 KENNEDY AVENUE
HIGHLAND, INDIANA

ARLENE COLVIN, Chairperson

Mayor of Gary's
Appointment

GEORGE CARLSON, Vice-Chairman

Mayor of Hammond's
Appointment

CLYDE BAUGHARD, Treasurer

Governor's Appointment

WILLIAM CRITSER, Secretary

Governor's Appointment

CHARLES AGNEW

Governor'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

VACANCY

Governor's Appointment

DAN GARDNER

Executive Director

A G E N D A

Pages

1. Call to Order by Chairperson Arlene Colvin
2. Recognition of Visitors, Guests
3. Approval of minutes of February 6, 1992 1-4
4. Acknowledgement of Commission appointments 5-6
5. Executive Director's Report
 - 1992 Committee preference
 - Federal Project Construction update
 - Report on contractor's seminar held 2/13 at Urban League office
 - Report on related State Highway bridge projects 7-8
 - Grant St. culverts project
 - Cline Avenue interchange project
 - Presentation by Tom Deja, C.O.E. on "Federal Project Construction - Quality Assurance and Control" 9-10
 - Status report of Section 215 - Highland Interim Levee Project 11-15

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+ C. Vengay
Eric Ellington
Joe Chabouch

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22/900,000

6. Reports of Standing Committees

A. Finance/Policy Committee - Clyde Baughard,
Treasurer

- Financial status report
- Approval of claims for February, 1992
- Other issues

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

- Committee meeting at 5:00 - 5:30 p.m.
- Appraisals, offers, acquisitions, recommended actions
- Presentation by Earthsource Inc. - Plans for Gleason Park, Gary - Relation to Corps plan
- Other issues

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21-22

C. Interim Flood Relief Projects Report - Clyde
Baughard, Chairman

- Final report on Conrail R.R. culverts project - Slide presentation by Mike Kerr, TPA
- Levee restoration at Indpls.Blvd. area complete
- Letter from Highland re: Kennedy interchange construction impacts
- Other issues

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D. Marina Development Committee - Bill Tanke, Chairman

- Committee meeting at 5:30 - 6:30 p.m. - Review of marina development options/plans
- Report by Chuck Eckenstahler, Abonmarche Inc. Marina design progress - future activities
- Status of sand removal from marina site
- Other issues

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7. Other Business

8. Statements to the Board from the floor

9. Set date for next meeting; adjournment

**MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
HELD AT 6:30 P.M. THURSDAY, FEBRUARY 6, 1992
AT THE COMMISSION OFFICES
8149 KENNEDY AVENUE, HIGHLAND, INDIANA**

In Chairperson Arlene Colvin's absence, Vice Chairman George Carlson called the meeting to order at 6:30 p.m. Seven (7) Commissioners were present. Quorum was declared and guests were recognized.

Development Commissioners:

George Carlson
Charles Agnew
Dave Springman
Nathaniel Leonard
Steve Davis
Bill Critser
Clyde Baughard

Staff:

Dan Gardner
Lou Casale
Liz Bushemi

Visitors:

Pete Zak - South Shore Marina
Jodi Dickey - Lake County
Parks Dept.
Donald Shapiro - Highland
Leon Wells - Lake County
Highway Dept.
Edward Lukowski - Hammond
Dean Ogan - SEMA
Mike Kerr - TPA
Siavash Beik- DNR, Div. Water
Jim Flora - R.W. Armstrong

The minutes of the January 8th meeting were approved by a motion from Clyde Baughard; seconded by Chuck Agnew; motion passed unanimously.

Dan Gardner proposed a procedure for generating the committees for 1992 as follows: Four of the committees will remain essentially in place; Finance/Policy, Land Acquisition, Legislative and Marina Development. Existing members would be given the option to remain on their respective committee and existing chairmen would continue to function unless otherwise agreed to by the committee members. Interim Flood Committee would be replaced by a Project Engineering/Construction Committee. After some discussion, Nathaniel Leonard made a motion to approve the committee structure; motion seconded by Clyde Baughard; motion passed unanimously. Committee forms will be distributed to Commissioners.

LCRBDC Minutes
February 6, 1992
Page 2

Mr. Gardner reported that he will attend a Gary city council meeting on February 10th at 5:30 p.m. to give a construction project update to Council members. Belden McPheron and Col. Inouye will both be present to give the Corps construction time table.

Mr. Gardner, along with the Corps, will also be present at a Contractor's Seminar at 10:00 a.m. February 13th at the Urban League Office in Gary. Invitations have been sent out to about 104 people. Commissioners are invited to attend if interested.

Mr. Gardner announced that permit approval has been received from DNR for the project area between Harrison St. and Grant St.

Jim Flora, Commission project engineer from R.W. Armstrong, reported on his review of the construction plans and progress to date. After initial talks with the Corps and some additional research, he feels much more comfortable with the Corps approach to quality assurance of the construction. A quality control plan is required of the contractor by the Corps of Engineers and then the Corps will perform assurance checks to monitor the compliance of the contractor with this plan. The key element of the quality assurance plan is that the contractor is required to take tests to assure specifications compliance and these tests are monitored by the Corps. Mr. Flora reported that the one area he felt could be strengthened was the Corps requiring more tests than presently identified. To inform the board of this program, Tom Deja, the Corps quality assurance representative, will be at the next month's meeting to present the Corps program relative to this issue.

An update was given by Dan on the Section 215 letter sent to the Corps with the most recent information - including the most recent DNR letters committing to strong coordination with the Commission toward implementing this project. George Carlson questioned page 20 of the packet regarding the technical specifications of the levee alignment. George also commented on the existing spoil bank height and future incorporation of its use into the project. In response to both, Dean Ogan from the State Emergency Management Agency and Sivash Beik of DNR, Div. of Water, they responded to questions raised by Mr. Carlson and other Commission members assuring the members that the implementation of the interim project would not adversely affect surrounding areas and would be coordinated to obtain the maximum Corps of Engineers credit reimbursement.

Finance/Policy Committee - Committee Chairman Clyde Baughard presented the financial status report for January as well as the claims. Mr. Baughard made a motion to approve the pending claims; motion seconded by Dave Springman; motion passed unanimously.

A question was raised by Clyde Baughard as to the claim submitted by Con Rail. Mr. Gardner replied that this was for their project inspection work when the railroad track was removed, and that these bills were reviewed and found to be acceptable by our project engineer Mike Kerr. A question was also raised on the bill submitted by Cole. Payment to Cole will be made after concurrence by Bruce that work has been met.

Legislative Committee - Dan briefly reported that very little legislative activity of impact to the Development Commission was discussed at this short session. The budget was not opened this session. The only bill which could conceivably have had impact was a bill by Senator Neary to allow cities to tax for river/marina dredging purposes. The current status was only applicable to Michigan City and not the whole shoreline.

Land Acquisition Committee - Committee Chairman Chuck Agnew reported there are some 60 utility crossings in the east reach of the project which will require some relocation activity. The Commission is responsible for negotiating and having these relocations effected. In order to assist the staff and our attorney, Lou has suggested that some preliminary title work and permitting analysis be done to allow us to begin negotiations with the utilities. A proposal has been received and discussed from Land Acquisition Inc. to produce a map and the above mentioned work within a 3 week period for a sum not to exceed \$5,125. Mr. Agnew stressed that in his view this was an important activity and needs attention. He then made a motion to approve a contract with the conditions of a cap of \$5,125 and a time frame not to exceed 30 days of completion to be negotiated by the Executive Director and attorney;; seconded by Clyde Baughard; motion passed unanimously.

Mr. Agnew made a motion to approve the INDOT permit to allow Phase II construction subject to attorney's and Executive Director's approval of contract; motion seconded by clyde Baughard; motion passed unanimously.

Interim Flood Committee - Committee Chairman Clyde Baughard stated the Conrail R.R. culverts reconstruction project is complete except for walkway to the gaging house. The tracks have not been completely re-layed yet but will be done very shortly. It is anticipated that slides will be shown at the next meeting.

Mike Kerr also stated that Indianapolis Blvd. bridge clearing and dredging is also complete. Mr. Carlson questioned whether the dike on the west side was too low. He was assured that it was raised higher since the last meeting and it will meet elevation height.

Marina/Breakwater Committee - In Committee Chairman Bill Tanke's absence, Mr. Gardner reported that a kick-off meeting was held on January 23 at Portage City Hall involving Portage and Abonmarche. Abonmarche assured staff that they are in communication with the Detroit Corps, IDNR, NIPSCO and INDOT. Mr. Gardner referred to the chart in the packet outlining Abonmarche marina activity. Their next meeting is scheduled for February 19th. Abonmarche will be available at the next meeting for an update.

Mr. Gardner referred to a letter from Superior Construction forwarding payment for sand material removed through December 31, 1992. Superior anticipates more sand removal in March of 1992.

Statements from the floor - Donald Shapiro of Highland addressed the Board regarding his concerns of flooding to the Wicker Park Manor subdivision area from the Marshall's Shopping Complex parking lot. He explained that he has done some considerable research and taken pictures regarding the pumps that drain the parking lot and the potential outlets of this water. It is a feeling that this source of water needs to be studied and protected against in the future. He mentioned that he has contacted the town of Highland and to this point has received little help. He requested the Board be aware of this situation. Siavash Biek of IDNR who was present in the audience committed to looking at the situation personally.

There was no other business. The next Commission meeting was scheduled for Thursday, March 5th at 6:30 p.m.

/sjm

4



OFFICE OF THE GOVERNOR
INDIANAPOLIS, INDIANA 46204-2797

EVAN BAYH
GOVERNOR

January 31, 1992

Charles Agnew
311 McKinley Ave
New Chicago, Indiana 46342

Dear Charles:

It is my pleasure to reappoint you as a member of the Little Calumet River Basin Commission. Your appointment is effective immediately. You will serve for the remainder of a term of four years which will expire December 31, 1995.

Thank you for your willingness to serve the citizens of the State of Indiana. It will be with the assistance of talented Hoosiers like yourself that we will reach our goal of making Indiana government responsive to the challenges which confront our great state.

Best wishes. I look forward to working with you in the months ahead.

Sincerely,

A handwritten signature in black ink, reading "Evan Bayh".
Evan Bayh

EB/tla



OFFICE OF THE GOVERNOR
INDIANAPOLIS, INDIANA 46204-2797

EVAN BAYH
GOVERNOR

January 31, 1992

John DeMeo
1360 Sherwood
Valparaiso, Indiana 46383

Dear John:

It is my pleasure to reappoint you as a member of the Little Calumet River Basin Commission. Your appointment is effective immediately. You will serve for the remainder of a term of four years which will expire December 31, 1995.

Thank you for your willingness to serve the citizens of the State of Indiana. It will be with the assistance of talented Hoosiers like yourself that we will reach our goal of making Indiana government responsive to the challenges which confront our great state.

Best wishes. I look forward to working with you in the months ahead.

Sincerely,

A handwritten signature in cursive script that reads "Evan Bayh".

Evan Bayh

EB/tla



City of Gary
ENGINEERING DEPARTMENT

THOMAS V. BARNES
MAYOR

MUNICIPAL BUILDING
GARY, INDIANA 48402
TELEPHONE: 881-1366

ROLAND ELVAMBUENA, P.E.
CITY ENGINEER

Casimiro R. Villaci
Traffic Engineer

January 28, 1992

Indiana Department of Transportation
100 North Senate Avenue
Room 1101 - State Office Building
Indianapolis, Indiana 46204-2249

Attention: Mr. Greg Henneke, Deputy Commissioner
Division of Design

RE: INDOT Project IR-80-I(118)9
Bridge Over Little Calumet River at Grant Street
Gary, Indiana

Dear Mr. Henneke:

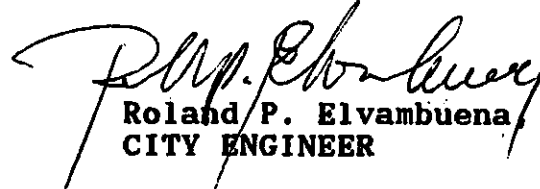
We received the plans for the above referenced project on January 23, 1992. It is our understanding that you will be advertising for construction bids in February, and scheduled for construction in June.

Upon reviewing the drawings, we are concerned in that the design provides for the top of the bridge to be at an elevation of 595', whereas the levy designed location of 600' and object to your design. These designs with the levy on either side of the bridge at 600' elevation will cause the bridge to be under water. In addition, the southbound ramp is also at a very low elevation and is often under water, of which the situation is in need of immediate attention. With the correction of the bridge elevation, the south ramp problem can also be corrected.

It should be noted that when this bridge is under water during a flood period, it creates a serious problem for citizens using Grant Street. Grant Street is a major north/south route that provides access to both of Gary's hospitals and trauma centers and should be passable at all times. And major business development has been improved south of I-80/94.

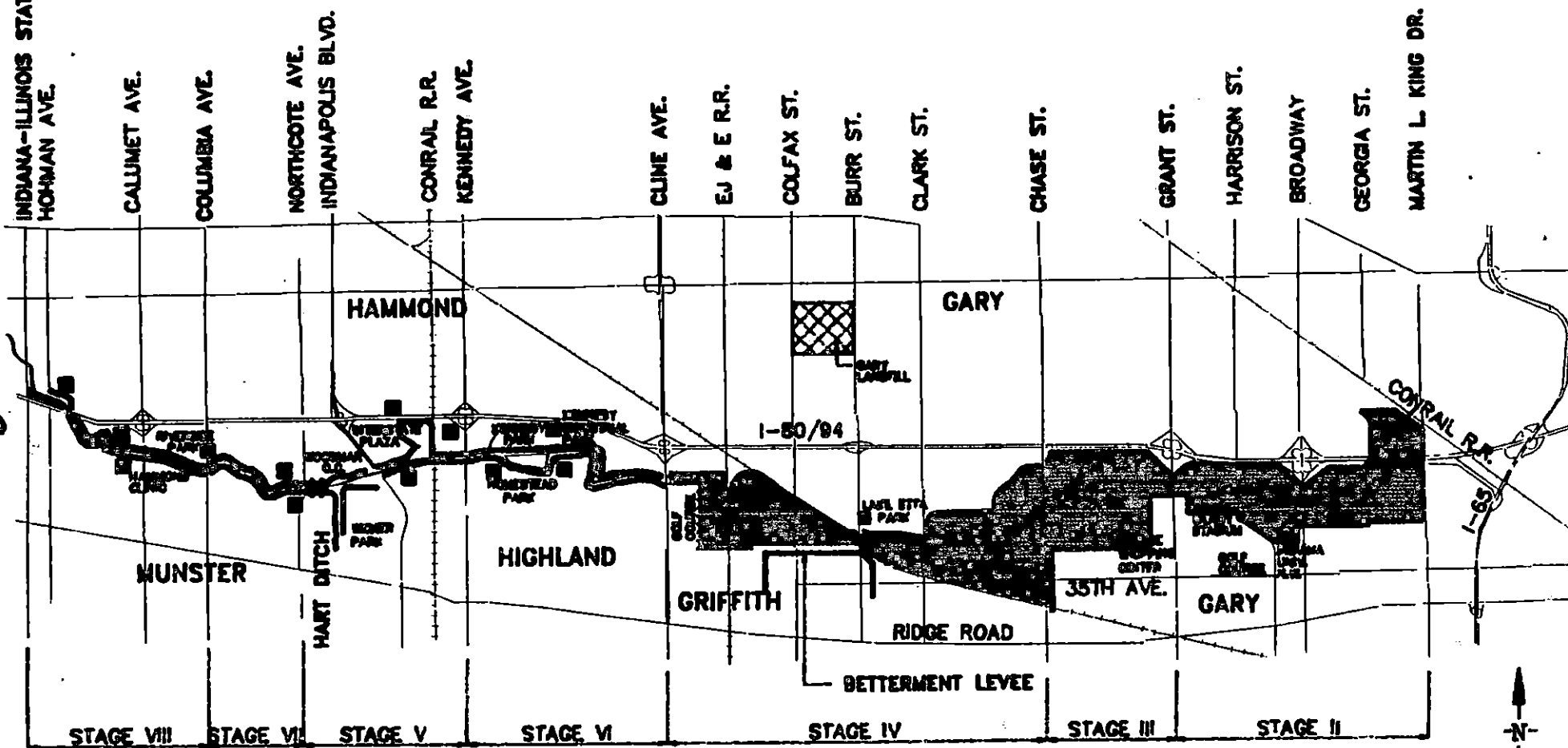
An early meeting is requested with you and/or your staff to discuss this situation and agree upon an agreeable solution.

Very truly yours,






Roland P. Elvambuena, PE
CITY ENGINEER

cc: Mayor Thomas V. Barnes, City of Gary
Deputy Mayor Richard Comer, City of Gary
Arlene D. Colvin, COO, City of Gary
Frank DeRisi, District Manager, INDOT, La Porte District
Joseph D. Jacobazzi, Acting Chief, Engineering Division,
Corps of Engineers, Chicago, Illinois.
Melissa Kennedy, PE Corps of Engineers, Chicago, Illinois
Dan Gardner, Project Director, NIRPC
Rudolph Clay, Lake County Commissioner

LITTLE CALUMET RIVER, INDIANA FLOOD CONTROL AND RECREATION PROJECT



TYPE OF WORK LEGEND

-  LEVEE/FLOODWALLS
-  CONTROL STRUCTURE (C)
-  PUMPING STATION INDICATORS (PS)
-  OVERBANK STORAGE

2000 4000 6000
SCALE IN FEET

U. S. ARMY ENGINEER DISTRICT
OFFICE OF CHIEF OF DISTRICT
CHICAGO, ILLINOIS

PROJECT MAP

Date: 8 MAR 1991

LITTLE CALUMET RIVER INDIANA FLOOD CONTROL AND RECREATION PROJECT

CONSTRUCTION CONTRACTS SCHEDULED BEYOND 1992

<u>WORK DESCRIPTION</u>	<u>AWARD DATE</u>	<u>APPROXIMATE VALUE</u>
* LEVEE BETWEEN BROADWAY & MARTIN LUTHER KING DR.	FEB 93	\$ 3,200,000
* LEVEE BETWEEN CHASE & GRANT ST.	FEB 93	\$ 6,240,000
* LEVEE BETWEEN CLINE AVE. & CHASE	FEB 94	\$10,020,000
* LEVEE BETWEEN NORTHCOTE & KENNEDY	FEB 94	\$ 9,860,000
* LEVEE BETWEEN KENNEDY & CLINE AVE	AUG 94	\$ 8,380,000
* LEVEE BETWEEN COLUMBIA & NORTHCOTE	FEB 95	\$ 2,240,000
* LEVEE BETWEEN IN-IL & COLUMBIA	FEB 95	\$ 5,610,000

LITTLE CALUMET RIVER INDIANA FLOOD CONTROL AND RECREATION PROJECT

CONSTRUCTION CONTRACTS SCHEDULED FOR 1992

<u>WORK DESCRIPTION</u>	<u>AWARD DATE</u>	<u>APPROXIMATE VALUE</u>
* LEVEE BETWEEN GRANT & HARRISON ST.	APRIL	\$ 980,000
* DEMOLITION OF 28 STRUCTURES IN GARY	AUGUST	\$ 150,000
* LEVEE BETWEEN GRANT ST. & MARTIN LUTHER KING DR.	SEPTEMBER	\$5,870,000

LITTLE CALUMET RIVER INDIANA FLOOD CONTROL AND RECREATION PROJECT

CONSTRUCTION CONTRACTS TO DATE

- * DEMOLITION OF 3 STRUCTURES IN GARY
REAGINS DEMOLITION AND EXCAVATING, GARY, IN
\$ 12,500.00
- * DEMOLITION OF 12 STRUCTURES IN GARY
RAMIREZ & MARSCH, GARY, IN
\$ 83,199.00
- * LEVEE BETWEEN HARRISON AND BROADWAY
DYER CONSTRUCTION, DYER, IN
\$ 358,200.00



INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Water
402 W. Washington St., Rm. W264
Indianapolis, Indiana 46204-2212
317-232-4160
FAX: 317-233-4579

February 27, 1992

Lt. Col. Randall R. Inouye
Chicago District Engineer
U.S. Army Corps of Engineers
111 N. Canal Street
Chicago, IL 60606

Re: Wicker Park Levee
Highland, Indiana
Section 215 Requirements

Dear Lt. Col. Inouye:

This letter is in response to recent correspondence between Mr. Beldon McPherson of your staff, Mr. Dan Gardner of the Little Calumet River Basin Development Commission, and Mr. Siavash Beik of my staff in regards to documentations required by your office for Section 215 request application.

Enclosed is a copy of a document prepared by our Consulting Engineer for the Wicker Park project providing the requested information. If you have any questions regarding this letter or need additional information, please contact Siavash Beik, Assistant Director of the Division of Water, at (317) 232-4221.

Sincerely,

John Simpson, P.E.
Director
Division of Water

Document:LET_WICKERPK

SES

Enclosures

Copy: Beldon McPherson, Chicago COE
Dan Gardner, LCRBDC
Dean Ogan, SEMA

//
"EQUAL OPPORTUNITY EMPLOYER"

Dodson-Lindblom Associates, Inc.



A DLZ Company

CONSULTING ENGINEERS • SURVEYORS

February 26, 1992

Mr. Siavash Baik
Indiana Department of Natural Resources
Division of Water
2475 Directors Row
Indianapolis, Indiana 46241

Re: Wicker Park Levee
Highland, Indiana
Section 215 Requirements

Gentlemen:

Enclosed herewith is the information you requested in response to a request from the Chicago District Corps of Engineers for the subject project.

Please do not hesitate to call if you have any questions or need additional information.

Sincerely,

DODSON-LINDBLOM ASSOCIATES, INC.

Doyle E. Hartman

Enclosures

cc: Mr. David Quandt, SEG

DEH:bb

WICKER PARK LEVEE

1. DESCRIPTION OF WORK

The portion of the Little Calumet River levee included as a part of this project extends along the south side of the river from Indianapolis Boulevard east approximately 2000 feet to the Penn Central Railroad and from Indianapolis Boulevard west approximately 400 feet to the abandoned Chesapeake and Ohio (C&O) Railroad. In addition, the C&O railroad embankment will be raised from the proposed levee south approximately 2400 feet to the Indianapolis Boulevard overpass over the C&O railroad embankment to form a tieback levee. These limits are shown on the attached plan sheet.

The alignment of the proposed levee is essentially the same as that proposed by the Corps, as shown on the attached plan sheet. As recommended by the Corps in earlier discussions, the existing levee between Indianapolis Boulevard and the abandoned C&O railroad will be removed, due to existing organic soils, and the embankment reconstructed. This embankment will have a 10-foot-wide crest and 2.5H:1V side slopes. The crest elevation will be as required to meet Corps criteria, which has been currently estimated to be approximately elevation 604.

The levee between Indianapolis Boulevard and the 81st Street pumping station will be constructed on the new alignment shown. This levee will be of the same shape and at the same approximate elevation as the levee described above for the reach west of Indianapolis Boulevard.

No gate closure is proposed for Indianapolis Boulevard, as INDOT plans to raise the road and bridge in this area to an adequate elevation in the near future.

From the 81st Street pumping station to the Penn Central embankment, the existing levee will be modified by lowering the crest to approximate elevation 598 and flattening the side slopes to 2.5H:1V. A sheet pile wall will be placed near the riverside edge of the crest to raise the crest elevation to approximately elevation 604. A section for this portion of the levee is shown on the attached plan sheet.

These portions of the levee are intended to be designed and constructed to meet existing Corps criteria such that these structures will ultimately be incorporated into the Corps' overall Little Calumet River local protection project with little to no modifications.

The portion of the project along the C&O railroad is recognized as a temporary measure until the complete Little Calumet River project is complete. This portion of the project includes placing a short sheet pile wall along the crest of the railroad embankment to raise the crest to approximately elevation 601. This elevation will provide protection from the 100-year flood for existing conditions. The first 700 feet of this floodwall south of the Little Calumet River has already been constructed by the IDNR.

2. HOW WORK IS TO BE EXECUTED.

The IDNR will prepare the plans and specifications and the construction work will be advertised, bid and contracted to a private contractor.

3. COST ESTIMATE FOR WORK.

The total construction cost estimate for this work has been separated into two parts. The first part is for the permanent levee along the river, and the second part is for raising the C&O railroad embankment (temporary portion).

A. Little Calumet River Levee

<u>Item</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
1. Mobilization	1	L.S.	\$ 10,000
2. Clearing and Grubbing	1	L.S.	\$ 10,000
3. Excavation of ex. levee material & transport to waste site	8,000 C.Y.	\$7.00	\$ 56,000
4. Sheet pile wall	24,000 S.F.	\$15.00	\$360,000
5. Cohesive embankment fill	18,000 C.Y.	\$10.00	\$180,000
6. Topsoil, Seeding & Mulching	20,000 S.Y.	\$3.00	\$ 60,000
Construction Cost			\$676,000
15% Contingency			<u>\$101,000</u>
Total Levee Cost			\$777,000

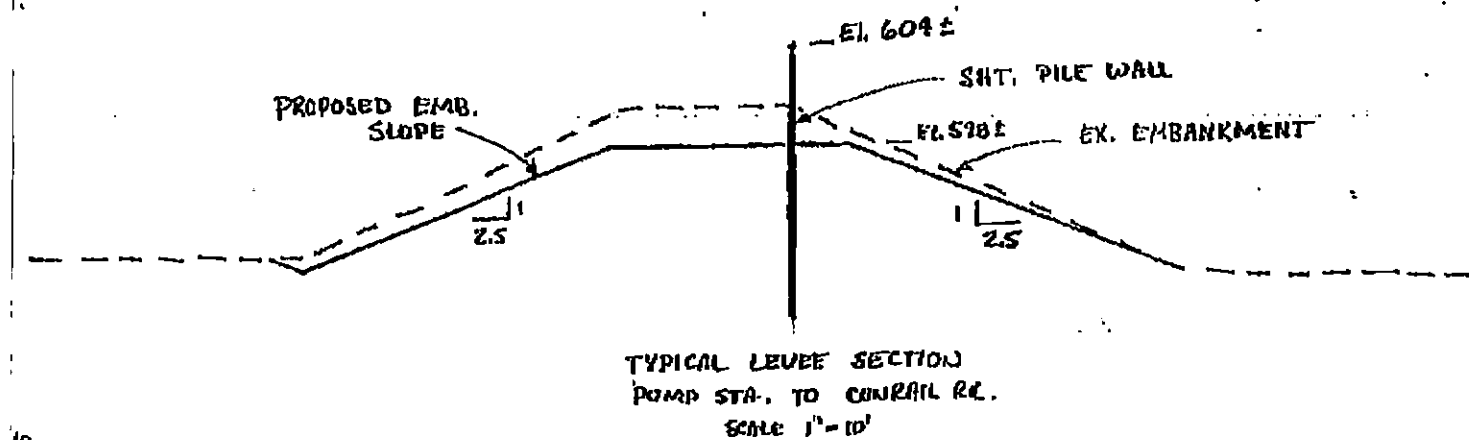
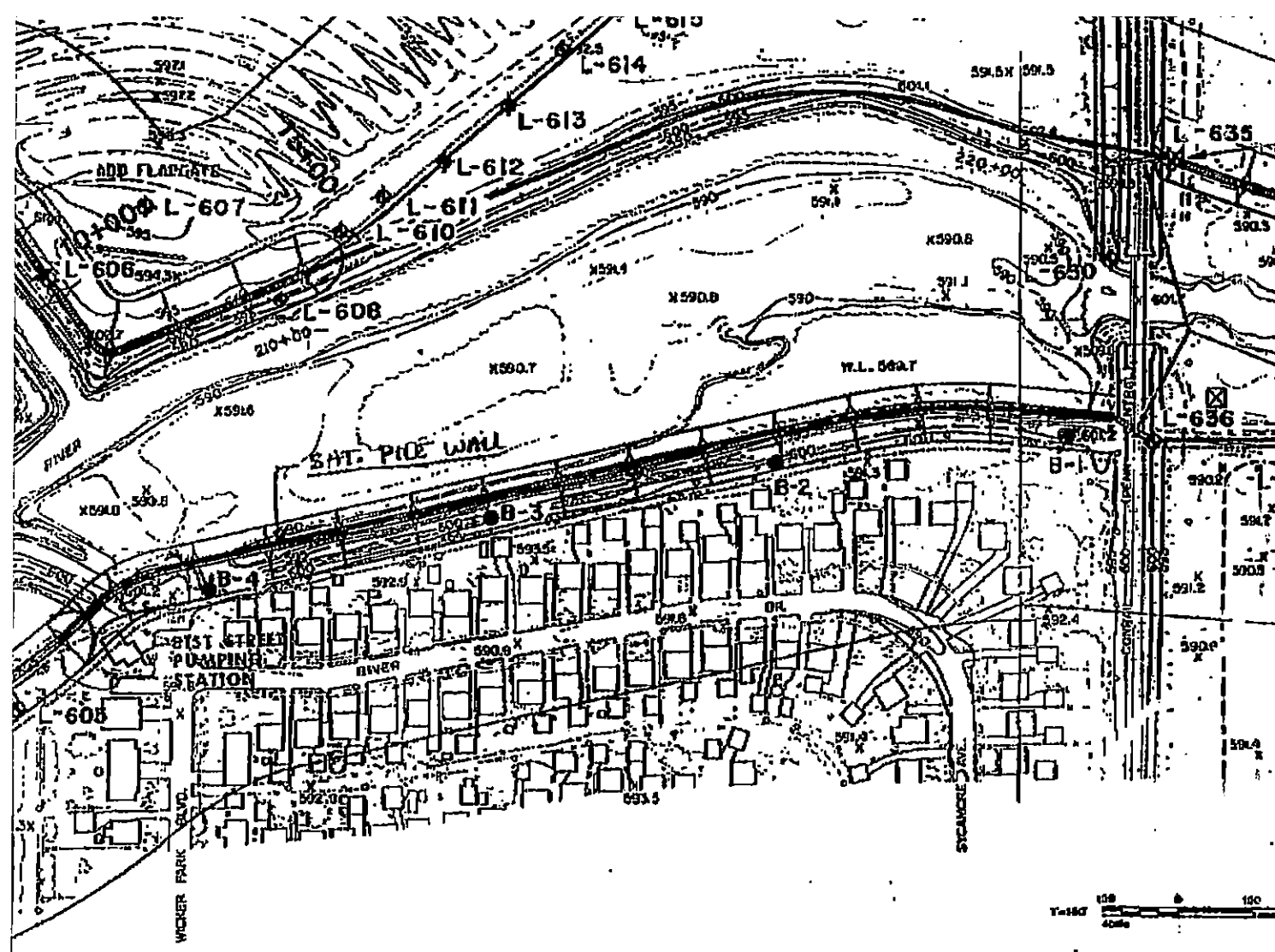
B. Raising C&O Railroad

1. Sheet pile wall	8500 S.F.	\$10.00	\$ 85,000
15% Contingency			<u>\$ 13,000</u>
Total Levee Cost			\$ 98,000

TOTAL CONSTRUCTION COST \$875,000

4. TIME EXPECTED TO COMPLETE WORK

It is anticipated that this work will be completed by November or December 1992.





THE
ABONMARCHE
GROUP

P.O. Box 1088 - Zip 49023
95 West Main Street
Benton Harbor, MI 49022
616-927-2295
FAX 616-927-4639

601 Franklin Street
Michigan City, IN 46360
219-879-1109
FAX 219-873-9147

Architecture • Engineering • Land Surveying • Environmental • Interior Design • Real Estate Services

*** M E M O R A N D U M ***


Date: March 2, 1992

To: Dan Gardner, LCRBDC
John Hannon, P.E., City of Portage

From: Jeffrey Bartoszek, P.E., Abonmarche

Re: City of Portage Marina

cc: Chuck Eckenstahler, Abonmarche
Roy Verkuilen, INDOT



This memorandum summarizes a telephone conversation with Roy Verkuilen of the Indiana Department of Transportation (INDOT) on Friday, February 28, 1992. The conversation was a follow up contact to clarify and update information requested at our Wednesday, February 26, 1992 meeting.

Roy stated that based upon further discussions with INDOT officials, the entrance off of State Spur Road 249 would be nearly impossible to permit, and we should therefore not plan on being able to enter the site at this location. Roy also stated that reducing the grades along Spur Road 249 and U.S. 12 would be able to be permitted, and they would require a plan showing the proposed elevations, amount of excavation, and the reason for reducing the grades to process the permit. An estimated time-frame to process the permit application is 2-6 months.

Should you have any questions regarding my conversation, please do not hesitate to contact our office.

JAB/skd



THE
ABONMARCHE
GROUP

P.O. Box 1088 - Zip 49023
95 West Main Street
Benton Harbor, MI 49022
616-927-2295
FAX 616-927-4639

601 Franklin Street
Michigan City, IN 46360
219-879-1109
FAX 219-873-9147

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**** M E M O R A N D U M ****

DATE: March 5, 1992

TO: Daniel Gardner, Executive Director
Little Calumet River Basin Commission

FROM: Charles R. Eckenstahler

RE: Marina Project Status Report and
Completion of Phase I Services

CC: Jeffrey A. Bartoszek, P.E.
Ronald E. Schults, P.E.

This memorandum will serve as a summary of the activities required for completion of Phase II efforts.

Task #1: Alternative Plan Analysis

We have evaluated and presented four separate conceptual design plans. A fifth plan has been prepared based on discussions at our February 19th meeting, further analysis by us, and input from you.

Task #2: Final Plan Selection

This workshop was held on March 5th, the date we prepared this report, and the pre-meeting held with you and City representatives on March 3rd.

Task #3: Structural Analysis

We have prepared three cross sections and prepared an appropriate drawing for review by concerned parties (NIPSCO).

Task #4: Final Plan

Based on the discussions at today's meeting, we will finalize the plan and prepare a color illustration of same.

Dan Gardner
March 2, 1992
Page 2

Task #5: Initial Cost Estimate

We have completed this draft and have provided you and City representatives with a copy for review.

Task #6: Meeting

Based on our February meeting, we scheduled the meeting and workshop session on the date of the LCRBC regular meeting to expedite the schedule.

We are currently on schedule and anticipate completion of the final plan color illustration in fourteen days along with the cost estimate. Our Gantt chart indicates the completion of these tasks the week of March 9th.

Upon receipt of your authorization, we are prepared to complete Phase Three of the Scope of Services.

CRE/f



US Army Corps
of Engineers
Office of the Chief
of Engineers

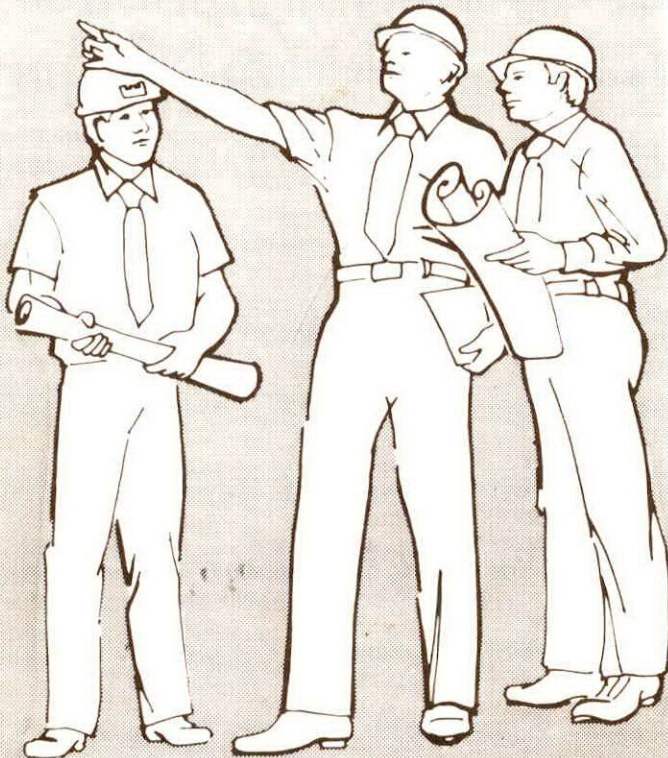
A Guide to Effective Contractor Quality Control (CQC)

QUALITY ASSURANCE CONCEPT

ions detail the required level of responsibility for achieving that quality it is responsible for establishing the ensuring that the Contractor meets the

CONTRACTOR/QUALITY CONTROL

1. Bids contract plans and specifications, including quality requirements.
2. Prepare & Submit Submittals
3. Quality Control Plan
4. Three Phase Inspection System
 - Quality Control
 - Testing
5. Request Payment



EP 715-1-2
November 1980

Local

The Times

Thursday, February 20, 1992

Section B

Flood project flows into high gear

By PHIL WIELAND
Times Staff Writer

PORTAGE - Two contracts totaling almost \$7 million are scheduled to be awarded this year for levee construction on the Little Calumet River in Gary, Dan Gardner said Wednesday.

Gardner, executive director of the Little Calumet River Basin Development Commission, said during a meeting Wednesday of the Northwestern In-

diana Regional Planning Commission that work will total \$9 million to \$10 million over the next several years of the flood control project.

In April, the U.S. Army Corps of Engineers will award a contract for levees on the north side of the river between Grant and Harrison streets. The project is expected to cost about \$980,000. A contract estimated at \$5.87 million is scheduled to be awarded in September for the south side of the river from Mar-

tin Luther King Boulevard to Harrison.

The latter contract is one of the bigger ones and will provide flood protection for businesses, homes, Gilroy Stadium, Gleason Park and Indiana University Northwest. The project probably would begin in the fall and be completed in 1993, he said.

In February 1993, the corps will award two more contracts, one estimated at \$3.2 million between Broadway and Martin Luther King, and the sec-

ond for \$6.2 million between Chase Street and Grant. Gardner said work will begin west of Cline Avenue in 1994.

Gardner said Dyer Construction Co. will resume work on the levee between Broadway and Harrison as soon as the weather breaks. The development commission is working out a way to tighten future contracts to require contractors to use clay from Deep River Park.

See FLOOD, Page B-2

Flood

Continued from Page B-1

Part of the development commission's contract with the army corps is that free clay must be provided. The Lake County Parks and Recreation Department has offered the clay from Deep River Park, and the site eventually would be converted into a 30-acre lake. However, Dyer Construction didn't use the free clay it was offered, he said.

Gardner said the cost of hauling the clay has to be borne by the contractor, and Dyer apparently got a better offer. If other

contractors do the same thing, the parks department might withdraw its free clay offer and the development commission could be forced to pay for clay elsewhere.

The state had completed engineering for the bridge and culvert at the Grant Street interchange on the Borman Expressway, but the development commission and the city asked that the design include raising the bridge in addition to replacing the culvert. The change would avoid closing the road during flooding conditions.

Similar changes are being sought on Burr Street, where the city has begun improvements to widen the road. Burr is a county road and the county highway department has approved the change, but negotiations are under way to determine who will pay for the bridge work.

Gardner said the Indiana Department of Natural Resources this week hired SEG Consultants to design the levee improvements at Wicker Park Manor, the Highland subdivision hit with a devastating flood in November 1990. He said 50 to 60

families still have not been able to rebuild because of the lack of levee improvements needed to remove their homes from the 100-year floodplain.

It has not been determined whether SEG will design the levee for a 100-year flood or a 200-year flood, which refers to the likelihood of such a deluge hitting in any given year. The latter corresponds to the design the army corps has approved for the rest of the river flood control project. Gardner said the difference in height for the levee would be about a couple of feet.

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

MERCANTILE NATIONAL BANK

JANUARY 1, 1991 - JANUARY 31, 1991

CASH POSITION - JANUARY 1, 1992

CHECKING ACCOUNT

LAND ACQUISITION

125,840.40

GENERAL FUND

68,026.65

TAX FUND

2,922.85

INVESTMENTS

1,279,651.49

1,476,441.39

RECEIPTS - JANUARY 1, 1992-JANUARY 31, 1992

LEASE RENTS

5,600.00

INTEREST

851.59

LAND ACQUISITION

10,312.33

TOTAL RECEIPTS

16,763.92

DISBURSEMENTS - JANUARY 1, 1992-JANUARY 31, 1992

1991 EXPENSES PAID IN 1992

20,086.39

L/A PROFESSIONAL SERVICES

LAND MANAGEMENT SERVICES

824.50

TOTAL DISBURSEMENTS :

20,910.89

CASH POSITION - JANUARY 31, 1992

CHECKING ACCOUNT

LAND ACQUISITION

126,786.15

GENERAL FUND

62,933.93

TAX FUND

2,922.85

INVESTMENTS

1,279,651.49

1,472,294.42



**NORTHWESTERN INDIANA
REGIONAL
PLANNING COMMISSION**

8149 Kennedy Ave.
Highland, Indiana 46322
219-923-1060
312-731-2646

DATE: 02/07/92

ORGANIZATION: LITTLE CALUMET RIVER BASIN
DEVELOPMENT COMMISSION

PROJECT: FOR SERVICES PERFORMED DURING JANUARY 1992

CONTRACT NO: P212

CONTRACT CODE: 212

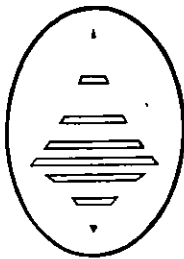
INVOICE NO: 1/1

I N V O I C E

SALARIES AND FRINGE BENEFITS: DAN GARDNER & SANDY MORDUS	\$ 5,250.00
ROOM RENTAL FOR ADDITIONAL LCRBDC STAFF	235.00
ACCOUNTING SERVICES	300.00
TELEPHONE: LOCAL SERVICE	90.00
TELEPHONE: BILLABLE CHARGES (ATTACHMENTS)	54.45
POSTAGE	90.25
COPYING CHARGES @ \$.07 PER COPY	150.78
GRAPHICS/PRINTING TIME @ \$18.00 PER HOUR (ATTACHMENTS)	63.00
STAFF MILEAGE/EXPENSES	-0-
OTHER CHARGES (ATTACHMENTS)	-0-
 TOTAL JANUARY 1992 COSTS	 \$ 6,233.48
OUTSTANDING PAYMENT DUE	5,828.44
TOTAL PAYMENT DUE	\$ 12,061.92

LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION
MONTHLY BUDGET REPORT
YEAR END 1991

ACCOUNT	DESCRIPTION	BUDGET AMOUNT	AMOUNT PAID PREVIOUSLY	UNPAID BALANCE	AMOUNT READY FOR PAYMENT	PROJECTED BALANCE
5119	PER DIEM EXPENSES	\$16,000.00	7,200.00	8,800.00	0.00	\$8,800.00
5311	LEGAL EXPENSES	7,500.00	3,531.96	3,968.04	0.00	3,968.04
5312	NIRPC SERVICES	94,000.00	65,345.76	28,654.24	0.00	28,654.24
5323	TRAVEL & MILEAGE	7,500.00	2,239.29	5,260.71	0.00	5,260.71
5331	PRINTING & ADVERTISING	2,000.00	1,479.65	520.35	0.00	520.35
5341	BONDS & INSURANCE	7,500.00	5,723.00	1,777.00	0.00	1,777.00
5361	EMERGENCY MAINTENANCE COSTS	3,000.00	0.00	3,000.00	0.00	3,000.00
5399	MEETING EXPENSES	2,500.00	2,267.61	232.39	0.00	232.39
5410	LEGAL SERVICES	50,000.00	37,973.29	12,026.71	0.00	12,026.71
5420	PROFESSIONAL SERVICES	250,000.00	153,509.18	96,490.82	0.00	96,490.82
5430	PROJECT LAND PURCHASE COSTS	3,902,705.00	340,104.60	3,562,600.40	0.00	3,562,600.40
5440	PROPERTY/STRUCTURES INSURANCE	25,000.00	15,889.50	9,110.50	0.00	9,110.50
5450	UTILITY RELOCATION COSTS	100,000.00	0.00	100,000.00	0.00	100,000.00
5460A	PROJECT LAND CAPITAL IMPROVEMENTS	150,000.00	9,337.26	140,662.74	0.00	140,662.74
5460B	LCRBC TRANSFER/CONRAIL PROJECT	219,651.49	0.00	219,651.49	215,475.00	4,176.49
5470	STRUCTURES CAPITAL IMPROVEMENT	40,000.00	1,525.82	38,474.18	0.00	38,474.18
5480	BURNS WATERWAY BREAKWATER	44,000.00	0.00	44,000.00	0.00	44,000.00
5490	ESCROW ACCOUNT	908,000.00	504,000.00	404,000.00	0.00	404,000.00
TOTAL:		\$5,829,356.49	\$1,150,126.92	\$4,679,229.57	\$215,475.00	\$4,463,754.57



Earth Source Inc.

TO: Messrs: Vasquez, Allen, Gardner, McPheron.

RE: North Gleason/Gary Park/Little Calumet River Park

FROM: Bill Eviston
Earth Source, Inc.

February 24, 1992

Dear Sirs:

We look forward to our meeting on March 5, 1992 at the LCRBDC offices for a final presentation to the LCRBDC Board. I, unfortunately, have a prior commitment for that date, so regretfully will be unable to attend. Mr. Ellingson will be responsible for our presentation. I understand that the key parties will meet earlier to identify funding responsibilities, cost sharing, jurisdictional requirements, and the continuing design process. Please plan to use our cost estimate for a model. We will also indicate development priorities, as we would perceive them.

We are all excited about the progress that has been made. It is also ESI's understanding that the presentation (and LCRBDC acceptance) of this master plan completes our agreement for basic services contracted to date. If anyone has any exceptions to this understanding, please notify me personally prior to the 3/5 meeting date.

Cordially,
Earth Source, Inc.

William B. Eviston, ASLA
Principal

20



United States Department of the Interior



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

February 20, 1992

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

Dear Mr. Gardner:

The U.S. Geological Survey (USGS), in cooperation with the Indiana Department of Natural Resources, Division of Water (IDNR), operates gaging stations on the Little Calumet River at Gary and on the Hart Ditch at Munster. Through agreements between the IDNR, the USGS, and the Little Calumet River Basin Development Commission (LCRBDC), the cost for operating and maintaining these stations is paid in total or in part by the LCRBDC. The costs for the operating and maintaining each of these two stations in FY 1992 (October 1, 1991 through September 30, 1992) is listed below:

Little Calumet River at Gary - \$12,000

The cost is provided by the LCRBDC and includes the operation of gages to collect water levels upstream and downstream from the Pennsylvania Railroad bridge near Martin Luther King Avenue. Because of the variable backwater caused by the water-control structure, daily mean discharges are not computed.

Discharge measurements are made at each visit to the station. The cost includes electric utilities needed to keep the stilling wells operable. It is our hope that when the box culverts are installed by Conrail, that some type of weir could be constructed that would provide a control that would allow us to compute daily mean discharges.

Hart Ditch at Muster - \$10,400

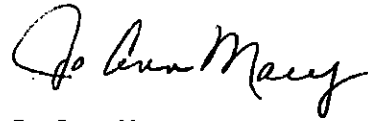
This cost includes electrical utilities, added operation of a slope station, and is shared as follows:

LCRBDC	=	\$5,200
IDNR	=	2,600
USGS	=	<u>2,600</u>
		\$10,400

Daily mean discharges are computed and published in our annual report of Water Resources Data.

As in the past, you will be billed by the IDNR for your share of the costs, which will be \$17,200 for FY 1992. The IDNR will in turn transfer the funds to the USGS. Please call me if you have any questions concerning these two stations or any other item. Thank you again for your cooperation and support of the streamgaging program in Indiana.

Sincerely,

A handwritten signature in cursive script, reading "Jo Ann Macy".

Jo Ann Macy
District Chief

cc: John Simpson, Director
Division of Water, IDNR



TOWN OF HIGHLAND

Highland Municipal Building • 3333 Ridge Road

Highland, Indiana 46322

219-838-1080 • Fax 219-972-5097



Population 23,696
Incorporated in 1910

February 20, 1992

Little Calumet River Basin Development Commission
8149 Kennedy Avenue
Highland, Indiana 46322

Attn: Mr. Dan Gardner, Executive Director

RE: LITTLE CALUMET RIVER AT KENNEDY AVENUE
KENNEDY AVE./I80-94 INTERCHANGE PROJECT

Dear Dan:

As per our conversation on February 11, 1992, relative to the construction activity at the Little Calumet River and Kennedy Avenue, Hammond, we have received a few more calls from our residents concerned about the impact of the project.

As I understand, INDOT is replacing the drainage conduit from the Kennedy Ave./I80-94 Interchange as part of their construction project. Excavated spoil material is being used to create a temporary dike to facilitate the construction of a new headwall and spillway. It appears from my viewpoint that the work does not present any unforeseen problems; however, I would appreciate your investigation and assessment of the activity as it relates to your jurisdiction.

If you have any questions regarding this matter, please contact me.

Sincerely,

John M. Bach,
Director of Public Works

LITCAL3/JMB/jv

pc: Town Council Members

TOWN COUNCIL

LYNN R. POWELL
President

GEORGE M. GEORGEFF
Vice-President

DOMINIC M. NOCE

LANCE E. RYSKAMP

DENNIS R. SIMALA

JOHN M. BACH
Public Works Director

RHETT TAUBER
Attorney

CLERK - TREASURER

MICHAEL W. GRIFFIN



Superior Construction Co., Inc.

General Contractors

2045 East Dunes Highway

Post Office Box M-888

Gary, Indiana 46401

January 28, 1992

Little Calumet River Basin Commission
8149 Kennedy Avenue
Highland, Indiana 46322

Attn: Dan Gardener

Gentlemen:

Find enclosed final payment for material removed ^{from site} through December 31, 1991 at the above referenced site.

436 loads @ 12 cy = 5,233 cy @ \$.31 = \$1,622.23

At this time our firm has several projects to be constructed during 1992 requiring substantial amounts of sand. Our firm anticipates resuming excavation at the site on or around March 1, 1992.

If you have any questions regarding these matters, contact our office at your earliest convenience.

Very truly yours,

SUPERIOR CONSTRUCTION CO., INC.

Thomas E. Largura
Executive Vice President

TEL/df
Enclosure
cc: file

24

We Are An Equal Opportunity Employer



THE
ABONMARCHE
GROUP

P.O. Box 1088 — Zip 49023
95 West Main Street
Benton Harbor, MI 49022
616-927-2295
FAX 616-927-4639

601 Franklin Street
Michigan City, IN 46360
219-879-1109
FAX 219-873-9147

Architecture • Engineering • Land Surveying • Environmental • Interior Design • Real Estate Services

March 5, 1992

Daniel Gardner, Executive Director
Little Calumet River Basin Commission
8149 Kennedy Avenue
Highland, IN 46322

Dear Dan:

This letter is a proposed change order to our scope of services for the Portage Marina Plan as discussed with you and John Hannon on March 4, 1992. It details added tasks as follows:

Phase I - Introductory Tasks

Task #6: Land Measurement

The Survey Division at Abonmarche will provide the following:

- field locate, in conjunction with NIPSCO, the location and elevation of the 12 inch gas line.
- investigate boundary description discrepancies of the proposed site.
- field locate and verify existing property corners, waters edge, utilities (water, sewer), power poles, electric transmission towers, gas mains, etc.
- record random topographic elevation data

This information is necessary to provide correct boundary elevation and locational information discovered in preparation of the CADD base drawings. It will allow us to provide more precise side slope information necessary for NIPSCO approvals, etc. In this task, we would coordinate with NIPSCO to arrange field verification of the gas line data with our survey crew on your behalf.

If available, you would provide to us title commitments for the properties in the site which we would use to check and verify boundary information.

Cost: \$1,400

Daniel Gardner
March 5, 1992
Page 2

Phase II - Plan Development

Task #7: Prepare and Submit USCOE/IDNR Permit Application

After completion and your approval of a final design, Abon-marche will provide the following services:

- Contact on an informal basis USCOE and IDNR officials to discuss the permit application
- Prepare the USCOE and IDNR application and supporting engineering drawings
- File the application on behalf of the City and/or LCRBC as applicant
- Meet with USCOE and IDNR officials to hold a formal review of the applications prior to their releasing the Public Notice.

You will be responsible for any application fees (e.g., IDNR is estimated at \$50).

Cost: \$2,250

Task #8: IDOT Grading Plan/Permit

Based on discussions with IDOT personnel, they have indicated a permit will be required to change the grade and topography of the land adjacent to, and in their right-of-way. We anticipate a 2 to 6 month time period for approval to be received. A permit application plus drawing would be prepared and submitted by us in this task.

Cost: \$600

We would be pleased to provide these services as a Change Order to our current Agreement on a not to exceed fee basis.

Daniel Gardner
March 5, 1992
Page 3

Your signature below will serve as acknowledgment of the Change Order. We assume that your authorization to proceed for the respective phase of work will include these tasks.

Sincerely,

ABONMARCHE CONSULTANTS, INC.

Charles R. Eckenstahler

CRE/f

Attachments

Acknowledgment

Daniel Gardner	Date
Little Calumet River Basin Com.	




THE
ABONMARCHE
GROUP

PO Box 1088 - Zip 49023
95 West Main Street
Benton Harbor, MI 49022
616-927-2295
FAX 616-927-4639

601 Franklin Street
Michigan City, IN 46360
219-879-1109
FAX 219-873-9147

Architecture • Engineering • Land Surveying • Environmental • Interior Design • Real Estate Services

* * M E M O R A N D U M * *

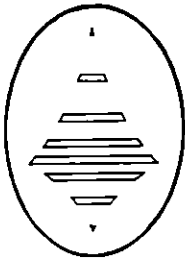
Date: March 5, 1992
To: Chuck Eckenstahler
From: Jeffrey Bartoszek, P.E. 
Re: City of Portage Marina

The following summarizes the unresolved land measurement issues regarding the proposed City of Portage Marina. These issues must be resolved prior to commencement of final engineering for the project.

- 1) A number of discrepancies exist in the current information regarding the proposed project. Those include differing bearings for the same property boundary line, differing elevations, the question regarding description of the NIPSCO right-of-way, limits of ownership, areas to be purchased, and location of easements. All these issues need to be resolved in order to get an accurate property description for design purposes.
- 2) The question exists as to the location of the NIPSCO gas main, both horizontally and vertically. This information is critical to the design of the project because all of the side slopes for the marina will be based upon the depth of the gas main.

We have had discussions with Dennis Wozniak of NIPSCO, and they are willing to locate the gas main by exposing it. The location may then be surveyed to obtain an accurate location and depth for the main.

JAB/skd



Earth-Source Inc

Little Calumet River Basin
Development Commission
Attn: Executive Director
8149 Kennedy Ave
Highland, IN 46322

March 5, 1992

re: Little Calumet/Gary -
Gleason Park

INVOICE #2

For Professional Services rendered for the period November 1, 1991 through
March 5, 1992 for the following:

Resource Design Group

Items 2c: i-vi Park Planning; programming, concept development, master plan,
quantity and cost range estimates. Meetings and presentations.

Project complete	\$ 12,000.
Amount this invoice period	<u>\$ 12,000.</u>
Previous billing unpaid	<u>0</u>
Total Amount Due	\$ 12,000.

Thank you for this business.

William B. Eviston, ASLA
Principal

Terms as per contract.

	Billed to date	14,700
	Paid to date	<u>14,700</u>
cc: Department of Parks; City of Gary.	Previous billing unpaid	0

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ATTENDANCE ROSTER

Name of meeting: LCRBDC

Date: MARCH 5

	NAME (please print)	Organization and/or Address	
1	DAVID COLE	ABONMARCHE GROUP	1
2	Don- Shapiro	8230 Wicker Pk. Dr Highland	2
3	LEON F. WELLS	Lake Co. Hwy Dept	3
4	MIKE KERR	TENNET PAVONI ASSOC.	4
5	JOE WADE	R.W. ARMSTRONG INC.	5
6	JIM FLORA	R.W. ARMSTRONG	6
7	Beldon McPherson	US Army Corps of Engineers Chicago	7
8	THOMAS A. DEJA	US ARMY CORPS OF ENGRS, CHICAGO	8
9	Gute Zak	So Shore Marine Co.	9
10	Mary Jane Zak	" " " "	10
11	Bob Huffman	Munster	11
12	John Bach	Highland	12
13	SIVASH BEIK	DNR	13
14	Butch Zandstra	N.W. Indiana Food Bank	14
15	Dominic Vasile	2405 River Dr Highland	15
16	CHUCK ECKENSTHALER	ABONMARCHE	16
17	TON EWEN		17
18	ED VASQUEZ	GARY PARK DEPT.	18
19	ERIC Ellingson	EARTH SOURCE	19
20	Joe Crnkovich	NIRO	20
21	PAUL LUCAS	DNR, Div. of Water	21
22	?	"	22
23			23
24			24
25			25
26			26
27			27
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29			29
30			30
31			31

Chairman:

Location: