



# Little Calumet River Basin Development Commission

6100 Southport Road

Portage, Indiana 46368

(219)763-0696

Fax (219)762-1653

*Sandy*

GEORGE CARLSON, Chairman  
Mayor of Hammond's  
Appointment

CHARLES AGNEW, Vice-Chairman  
Governor's Appointment

JOHN DEMEO, Treasurer  
Governor's Appointment

NATHANIEL LEONARD, Secretary  
Lake County Commissioners'  
Appointment

ARLENE COLVIN  
Mayor of Gary's  
Appointment

WILLIAM CRITSER  
Governor's Appointment

STEVE DAVIS  
Dept. of Natural Resources'  
Appointment

ROBERT HUFFMAN  
Governor's Appointment

WILLIAM TANKE  
Porter County Commissioners'  
Appointment

ROBERT TRELO  
Governor's Appointment

VACANCY  
Governor's 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, MARCH 3, 1994**

**AT THE COMMISSION OFFICES  
6100 SOUTHPORT ROAD  
PORTAGE, IN**

## A G E N D A

1. Call to Order by Chairperson George Carlson
2. Recognition of Visitors, Guests
3. Approval of minutes of February 2, 1994, 1994
4. Executive Director's Report

### ■ Wicker Park Manor Report

- ▶ Corps response letter on Wicker Park Manor landscaping and old spoilbank removal
- ▶ Erie R.R. bridge removal permit application process ongoing

### ■ Grant St. bridge status

- ▶ Meeting with Gas City held 2/15

### ■ Report on Minority Contract Commitments by Corps

### ■ Clinton budget line item appropriation for

Little Cal project - \$3.3 million

5. Reports of Standing Committees

*+ Bill Petrides*

*1-3 CA / R&W*

*4*  
*5*

*6*



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

- Appraisals, offers, acquisitions, recommended actions
- Latest Corps schedule for east reach construction award
- Corps Real Estate meeting held 2/24/94
- Other issues

7

B. Project Engineering/Construction Committee - Robert Huffman, Chairman

- Federal project construction status report
- Corps/INDOT cooperation agreement on Cline Ave interchange design, Indpls. Blvd. bridge reconstruction and I80-94/Georgia St. culverts
- WHITECO meeting held 2/9
- Other issues

8-9-13

C. Marina Development Committee - Bill Tanke, Chairman

- Project status report
- Geotech Investigation Report received on marina site
- NIPSCO agreement status
- Other issues

14-16

D. Finance/Policy Committee - John DeMeo, Treasurer

- Financial status report
- Approval of claims for January, 1994
- Request for additional cash contribution for Burr St. betterment
- Other issues

17

18

6. Other Business

7. Statements to the Board from the floor

8. Set date for next meeting; adjournment

DAVE DOWNY?  
I CAN HARDLY  
CONTAIN MYSELF.)

MINUTES OF THE LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION  
HELD AT 6:30 P.M. WEDNESDAY, FEBRUARY 2, 1994  
AT THE COMMISSION OFFICES  
6100 SOUTHPORT ROAD  
PORTAGE, INDIANA

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Chairman George Carlson called the meeting to order at 6:40 p.m. Six (6) Commissioners were present. Quorum was declared and guests were recognized.

Development Commissioners:

George Carlson  
Charles Agnew  
Steve Davis  
Robert Huffman  
Robert Trelo  
William Tanke

Staff:

Dan Gardner  
Lou Casale  
Sandy Mordus  
Jim Pokrajac

Visitors:

Rick Markley - The Times  
Bill Petrites - Highland  
Kenneth Smith - DNR  
Emerson Delaney - Hammond  
Jim Flora - R.W. Armstrong  
David Hendrix - Highland News  
Herald News Group  
Mike Vander Heyden - Dyer  
Construction

The minutes of the January 12, 1994 meeting were approved by Chuck Agnew; seconded by Robert Huffman; motion passed unanimously.

Executive Director's Report - Mr. Gardner reported that some preliminary survey work has been done by Dyer Construction for the Wicker Park Manor levee project. The centerline of the levee was established.

The Commission has received an acknowledgement notice from DNR relative to the permit application filing for the removal of the abandoned Erie R.R. bridge. The application is in the process of approval.

Mr. Gardner reported the a meeting is scheduled for tomorrow with Gas City relative to the land needed for the levee project at Grant Street. The reconstruction of Grant St. bridge is estimated to happen in 1997. There is no written commitment or project schedule as yet.

Mr. Gardner also stated there was a verbal agreement by the Corps for a 40% minority participation in construction projects for the levee construction. A letter to that commitment is forthcoming but not received yet. The Corps was supposed to have met today to discuss the issue.

Land Acquisition Committee - Land Acquisition Chairman Chuck Agnew made a motion authorizing staff to proceed with condemnations for DC222, 232, 235, 247, 291, 293, 302, 303, 319, 320, 322, 326, 327, 328, and 333; motion seconded by Robert Huffman; motion passed unanimously.

Project Engineering Committee - Mr. Huffman stated that a meeting had been held relative to the flood warning system. Questionnaires were again distributed for the cities to fill out and return to us and the Corps.

He also reported that clearing and grubbing for the levee construction in Wicker Park Manor (Stage V) will probably not begin until May.

An on-site meeting was held in Griffith relative to a levee section being built by a private contractor. No decision has been made yet if the Commission will ask the Corps for a realignment of the federal levee in that particular area. Staff will pursue with the town of Griffith officials as to their position.

A meeting with WHITECO will be held February 9, 1994.

Mr. Huffman reported that the road closure materials are still being stored at the Lake County Civil Defense center. Staff is still hopeful in working out an agreement with Gary Civil Defense to store the materials in their headquarters instead.

Mr. Gardner introduced Ken Smith the IDNR who has been named as the DNR contact person who will be attending the Commission meetings. Mr. Smith came up early today to meet with the Corps to discuss the DNR permit process for the rest of the east reach and the upcoming west reach. Mr. Smith stressed the need to get the application in as soon as possible; it usually takes 3 - 6 months for processing. Staff will hire additional temporary help to get the application out.

Marina/Breakwater Committee - Committee Chairman Bill Tanke reported that we have received the Detroit Corps permit for the marina. The Detroit Corps and the Chicago Corps have reconciled differences and are in agreement for the required slip quota.

There is still no agreement finalized with NIPSCO. The Mayor of Portage will be meeting with NIPSCO and it is hoped that a satisfactory agreement can be reached.

Mr. Tanke made a motion to approve the two invoices received from Abonmarche. They were \$3,768.61 for additional services for Task 7 and \$901.88 for Task 4 & 10 (amounts are for 1/2 of total - other 1/2 to be billed to the city) contingent upon clarification by Ron Schults and approval by Committee Chairman, Executive Director and attorney; motion seconded by Chuck Agnew; motion passed unanimously.

Finance/Policy Committee - In Treasurer John DeMeo's absence, Mr. Gardner presented the financial status report for November as well as the claims for approval. Mr. Agnew made a motion to approve the pending claims; motion seconded by Robert Huffman; motion passed unanimously. Mr. Gardner stated that staff is working on an annual report.

Other Business - Attorney Casale reported that, at Bill Tanke's request from the last meeting, he has reviewed the Commission insurance and has found that the existing insurance coverage and amount is adequate; it covers both the liability on the Commission lands and insurance on the directors and officers of the Commission. The policies will be renewed upon their expiration dates.

Statements from the floor - Mike Vander Heyden stated to the Board that, in his opinion, if the Erie R.R. bridge was removed, the debris would just flow downstream to the Indpls. Blvd. bridge and catch there. Reconstruction of that bridge is hoped to begin in late 1994. Mr. Gardner stated that once the permit is in hand, we will assess the situation against the cost and see if it is a viable solution to remove it. Mr. Smith from DNR said that if the debris was discarded from property owners along the river, perhaps DNR could help. Mr. Gardner replied that most of the debris was trees and branches and felt there was no intentional discarding of debris into the river.

There was no other business. The next Commission meeting was scheduled for Thursday, March 3, 1994.

/sjm



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

REPLY TO  
ATTENTION OF

Programs & Project  
Management Division  
Project Management Branch

1 FEB 1994  
1 FEB 1994

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

Dear Mr. Gardner:

In response to your letter of November 11, 1993, we will investigate the removal of the existing spoilbanks in Wicker Park Manor as a part of the landscaping contract to be awarded the summer of 1994. Removal of portions of the spoilbanks may require revisions to the easements you now have from the property owners. We will provide you with right-of-way drawings when they become available.

We will also coordinate with you and the property owners on the landscaping design prior to finalizing the plans and specifications. Please contact Mr. David Hunter, if you have any questions.

Sincerely,

*Richard E. Carlson*

Richard E. Carlson  
Deputy District Engineer  
for Project Management



## Erie bridge slated for demolition

By David Hendrix

Steps are being taken to rid Highland of an abandoned railroad bridge which was one of the reasons for the tragic 1990 Wicker Park Manor flood.

At the meeting of the Little Calumet River Basin Development Commission last Wednesday (Feb. 2), Executive Director Dan Gardner said the application for approval to demolish the Erie Railroad bridge in Highland has been received by the Indiana Department of Natural Resources (DNR).

The commission's letter of acknowledgement came from the DNR on Jan. 13, said Gardner. It is currently being processed.

See — BRIDGE — Page 6

"Approval from them can sometimes take up to six months. But we don't think the request is that detailed," said Gardner.

The bridge is about 300 feet west on the river from the Indianapolis Boulevard bridge. It is slated for demolition because over the years debris from the river has gathered at that bridge, causing the water to "swirl around and eat away at the levee" that is supposed to protect Wicker Park Manor from flooding, Gardner said.

This, Gardner said, was one of the reasons for the tragic Wicker Park Manor flooding in 1990.

At the meeting, Mike Vander Hayden, president of Dyer Construction, the company contracted to perform the levee work in Wicker Park Manor, voiced concern that "if you take that railroad bridge out, the debris will catch on the Indianapolis Boulevard bridge."

The Indianapolis Boulevard bridge only has 15-foot spans underneath it, said Vander Hayden. In a flooding incident caused by the debris, "it would take the whole bridge," he said.

Gardner, however, said that when the Army Corps of Engineers gets to the Indianapolis Boulevard bridge segment of the project in late 1994 or early 1995, a foot bridge would be put in at that location.

Much of this debris includes fallen trees

in the river, which costs between \$1,200 and \$1,500 to clear every time the area is cleaned, said Gardner. Many of these may come from two golf courses in the area, he said.

"We've asked the golf course managers to store debris in a way that it won't get into the channel," he said.

Kenneth Hunt, a representative from the DNR who was present at the meeting, encouraged commission members to report storage sites along the river and Hart's Ditch where such debris may be stored.

"We could look at that as a state violation, and possibly give assistance," he said.

In other business, Robert Huffman, chairman of the commission's Engineering and Construction Committee, said a meeting had been scheduled with Highland and Griffith officials to discuss the levee realignment along Cline Avenue where it crosses the river between them.

"There's still some work going on with that. We hope to get with them later this month," said Huffman.

Also, Gardner said there still has been no response from residents of Wicker Park Manor's River Drive, who were mailed questionnaires regarding the levee project a few months ago. Residents were asked to mail the completed questionnaires back to the commission. Copies of the completed questionnaires will be sent to the DNR, he said.



# Little Cal panel awaits minority contractor pact

By RICK MARKLEY  
Times Correspondent

PORTAGE — The Little Calumet River Basin Commission announced Wednesday that it is a few weeks away from receiving the Army Corps of Engineers' written agreement ensuring the flood control project has 40 percent minority participation.

This percentage would nearly double the existing federal minority participation regulations. The current level is 20.9 percent.

The \$110 million project that is de-

signed to improve flood control and recreation along the Little Calumet River extends from Martin Luther King Drive in Gary to the Illinois state line.

Commission Executive Director Dan Gardner said he has already received a verbal agreement from the project's commander Col. David Reed.

Gardner added that he expects to have a signed agreement by the commission's March 3 meeting.

The agreement will require that 40 percent of the contract money and 40 percent of the jobs go to minorities.

Gardner said the agreement should not have much affect on the project because the 40 percent levels of participation are already being met in most cases.

He added that the agreement also will preserve the project in case the Corps assigns a new project commander in the near future.

"The Corps changes commanders every 2 to 2-1/2 years, this July is Reed's second year," Gardner said.

In other business, the commission

See MINORITIES, Page B-2

## Minorities

Continued from Page B-1

announced it received a permit from the Corps to proceed with the construction of a 250-slip marina in Portage.

Gardner said the commission has worked nearly two years for the permit.

The marina will connect Lake Michigan and the Little Calumet

River near the Burns waterway just south of U.S. 12. Gardner said the estimated \$4.5 million project will take about a year to complete.

Gardner said excavation work to remove sand is currently underway at the site. He said the excavation should be finished in July, at which time construction on the marina can begin.

## MEMORANDUM

(FAX)

DATE: 4 FEB 94

TO: Jim Pokrajac  
Little Calumet River Basin  
Development commissionFROM: Ken Motz  
U.S. Army corps of Engineers  
Chicago District

SUBJECT: Priority Schedule for Acquisition East Reach

Referencing your phone request of 3 FEB 94, this priority schedule shown below has been established to answer your question of how to prioritize your acquisition activities.

Dave Hunter has asked that you review this schedule to indicate dates the Commission feels it can meet and those that cannot be met, to establish a date that can be met, given your anticipated funding and staffing levels.

<u>Priority</u>	<u>Stage</u>	<u>Real Estate Available</u>	<u>Award</u>	<u>Cont Type</u>
1.	II-3A	30 MAR 94	30 MAR 94	8A
2.	I-4	01 AUG 94	15 SEP 94	8A
3.	II-3B	01 JUN 94	30 AUG 94	Open
4.	IV-2	01 AUG 94	30 SEP 94	Open
5.	Recreation*			8A
6.	II-3C	30 JUL 94	30 DEC 94	8A
7.	II-4	30 OCT 94	15 DEC 94	Open
8.	IV-1	30 DEC 94	15 JAN 95	Open

Please then provide the revised schedule back to us before close of business on Monday, 7 FEB 94. If you have any further questions, please contact me at once.

\* Most of RECREATION lands are in the Stage III area, but no drawings have yet been submitted.

# Little Cal panel advises state to revise plans for Cline interchange

By RICK MARKLEY  
Times Correspondent

PORTAGE - The Little Calumet River Basin Development Commission is advising that plans be revised for the Cline Avenue interchange construction project to provide for better flood protection.

Dan Gardner, the commission's executive director, told members during Wednesday's meeting that he sent a letter to the Indiana Department of Transportation suggesting the change three weeks ago, and has yet to receive a reply.

Gardner said INDOT's current plan to

rebuild the ramps at Cline Avenue and at Interstate 80-94 has a surface elevation that provides 20-year-level flood protection.

He said that by raising the road's surface level by 2 feet, flood protection would be increased to a 200-year level.

This designation means that the probability that flood waters will crest the level of protection is once every 200 years.

The Little Calumet River flood control-recreation project currently underway is being built to 200-year level of protection.

The commission wants the interchange

and flood control projects to be at the same level of protection.

"We believe this change would afford significant benefits and assure maximum protection to INDOT's investment in the Cline Avenue project at a modest additional cost," Gardner said in his letter.

"It seems to us as though that would be the wise thing to do," said Robert Huffman, a commission member. "It almost seems as an oversight on their part that they didn't put it at that level."

In other business, the commission agreed to meet with Highland officials and

the U.S. Army Corps of Engineers to discuss Highland's concerns about the flood control-recreation project.

Gardner said Highland officials want to explore building the flood levy in a different area than the Corps has planned.

He said Highland has proposed that the levy be built further south in an area to the immediate southwest of the Cline Avenue and I-80/94 intersection. Gardner said Highland would like to put the levy between a residential area and a wooded area.

Currently, the Corps is proposing to construct the levy between the river and the

wooded area.

Gardner said Highland wants to explore whether the wooded area would provide additional protection for nearby homes in the event that flood waters exceed the 200-year level.

The flood control-recreation project, which began earlier this year in Gary and is being worked westward to the Illinois border, is not scheduled to begin in Highland for another three years.

Gardner said the Highland phase of the project still is in the early planning stage, and this is the best time to discuss any changes.



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

REPLY TO  
ATTENTION OF

Programs & Project  
Management Division  
Project Management Branch

11 FEB 1994

Mr. Phelps Klika  
Chief, Division of Design  
Highway Administration  
Indiana Department of Transportation  
100 North Senate Avenue  
Indianapolis, Indiana 46202-2249

Dear Mr. Klika:

We have been in discussions with Mr. Ed Tang, Mr. Timothy Rogaczewski and Mr. Tom Caplinger on the design of the proposed reconstruction of the Cline Avenue (SR 912)/I-80 interchange, the US 41 Indianapolis Bridge over the Little Calumet River, and the culverts at Georgia Street and I-80 in Lake County, Indiana. The first project will interface with our Little Calumet River, Indiana Flood Control and Recreation Project, currently in the design and construction stages. The other two projects are features of the flood control plan to be implemented by other than the Corps of Engineers and, as such, we need to have more direct coordination on their implementation than we have had to date. We have a few design considerations which we are requesting to be incorporated into your highway projects which can be funded by this agency; however, the procedure by which we could provide you with the funds cannot be executed to meet your schedule.

We are arranging with the Federal Highway Administration (FHWA) a procedure whereby we will provide funds through the FHWA to the Indiana Department of Transportation for the engineering and design and construction funds for certain flood control elements for inclusion in your projects. Your construction schedule is advancing faster than we are on the flood control features in this area. But by having you construct these features with the highway project, we will not need to revise your facilities at a later date. A copy of our arrangement with the FHWA is shown as enclosure 1.

Also enclosed are the project feature requirements and coordination and review activities we are requesting. The first, as shown in enclosure 2, is the activities on your SR 912/I-80 project. Enclosure 3 list the activities for the Indianapolis Blvd. bridge raise and enclosure 4 pertain to the Georgia Street and I-80 culvert replacements.



At this time we are only providing funding to develop an estimate of your consultant's costs to perform the engineering and design (E&D) for the flood control features we are requesting to be incorporated into your highway projects. After we agree upon a price, the remaining E&D funds will be provided. Funds for the construction will be provided through FHWA after the designs have been approved by Chicago District.

In the discussions on the SR 912/I-80 project, the Little Calumet River Basin Development Commission requested a realignment of our levee system that ties into SR 912 to go around the existing wetlands to the west. We are investigating this proposal and, if accepted, the south approach of SR 912 would no longer be our line of protection and we would not request the roadway to be raised as we previously discussed with Mr. Tang.

If you have any questions please contact our Project Manager, Mr. David Hunter at (312) 353-8809. Questions on design may be addressed to Mr. Steve Treharne at (312) 886-0454.

Sincerely,

*Richard E. Carlson*

Richard E. Carlson  
Deputy District Engineer  
for Project Management

Enclosures

Copy Furnished

Mr. Val Straumins  
Federal Highway Administration

Mr. Dan Gardner ✓  
Little Calumet River Basin  
Development Commission

## CLINE AVENUE (SR 912)/I-80 INTERCHANGE RECONSTRUCTION

PROJECT: Reconstruction by the Indiana Department of Transportation (INDOT) of the Cline Avenue (SR 912)/I-80 interchange with funds also being provided by the Federal Highway Administration.

### CORPS OF ENGINEERS' (COE) FEATURES:

A. Provide a seal embankment along the NE access ramp to function as the line of protection for the Little Calumet River, Indiana Flood Control and Recreation Project on the north bank from Cline Avenue east to the E.J. & E. Railroad. Figure 1 shows a layout of the approximate location of the seal embankment. Figure 2 shows a cross section of how the seal would be placed along the highway embankment.

B. Provide a gate well with closure structure on all storm water drains, 36 inch in diameter or greater, that discharge through the flood control project line of protection. These gates wells will be designed in accordance with COE Engineering Manual (EM) 1110-2-290 and the Chicago District ED-D "Pump Station Discharge Pipes Under Levee and Gate Well Structures."

### COORDINATION ACTIVITIES

A. The engineering and design of the Corps of Engineers' features listed above shall be performed by INDOT or their contractors in accordance with COE criteria and specifications.. The plans and specifications will be reviewed and approved by the COE before incorporation into any construction contract.

B. The construction of these features will be by INDOT contracted forces. These features will be shown as a separate bid item and shall be built in accordance to COE specifications. The COE will exercise periodic construction management review.

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## INDIANAPOLIS BLVD. BRIDGE RELOCATION

PROJECT: The Little Calumet River, Indiana Flood Control and Recreation Project includes raising the existing Indianapolis Blvd. (US Route 41) bridge in lieu of having closure structures at the line of protection in order to maintain continuous traffic flow during flood events. The Local Cooperation Agreement specifies that the responsibility of the bridge relocation to be the Little Calumet River Basin Development Commission, as the Local Sponsor. The actual relocation is being undertaken by the Indiana Department of Transportation (INDOT), owner of the bridge, with funds also being provided by the Federal Highway Administration.

### CORPS OF ENGINEERS' (COE) FEATURES:

A. Provide the line of protection through the approach embankments by funding the cost of the embankment material corresponding to the cross section of the adjoining levee embankments. Figure 3 shows the required fill as part of the roadway that would act as a line of protection. This should be placed on the north approach in an alignment with our proposed levees as shown in figures 4 and 5 and on the south approach in the alignment as shown in attached Wicker Park Plans

B. Provide a gate well with closure structure on all storm water drains, 36 inch in diameter or larger, that discharge through the flood control line of protection.

### COORDINATION ACTIVITIES

A. The engineering and design of the Corps of Engineers' features listed above shall be performed by INDOT or their contractors in accordance with COE criteria and specifications. The plans and specifications will be reviewed and approved by the COE before incorporation into any construction contract.

B. The construction of these features will be by INDOT contracted forces. These features will be shown as a separate Bid Item and shall be built in accordance to COE specifications. The COE will exercise periodic construction management review.

## REPLACEMENT OF LITTLE CALUMET RIVER CULVERTS UNDER GEORGIA STREET AND I-80

PROJECT: The little Calumet River, Indiana Flood Control and Recreation Project includes increasing the flowage capacity of the culverts under Georgia Street and I-80. The Local Cooperation Agreement specifies that the responsibility of the culvert relocations to be the Little Calumet River Basin Development Commission, as the Local Sponsor. The actual relocation is being undertaken by the Indiana Department of Transportation (INDOT), owner of the transportation facility, with funds also being provided by the Federal Highway Administration.

### CORPS OF ENGINEERS' (COE) FEATURES

Include the implementation of the culverts relocations in all NEPA and other environmental and permitting documents required for the Little Calumet River, Indiana Flood Control and Recreation Project that are the responsibility of the COE and the Local Sponsor, to include:

- (1) Filing of a Environmental Assessment,
- (2) Obtaining a Section 401 Water Quality Certification from the Indiana Department of Environmental Management,
- (3) Filing a Rule 5 General Permit letter with the Indiana Department of Environmental Management in accordance with the National Pollutant Discharge Elimination System Program,
- (4) Including this activity in the Floodway Construction Permit for the remaining Eastern Reach of the Project to be obtained by the Local Sponsor from the Indiana Department of Natural Resources.

### COORDINATION ACTIVITIES

A. The engineering and design, plans and specifications will be reviewed by the COE before award of any construction contract.

B. The construction will be by INDOT contracted forces. The COE will exercise periodic construction management review.





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

January 25, 1994

Mr. John Hannon, P.E.  
City Engineer  
City of Portage  
6070 Central Avenue  
Portage, IN 46368

Mr. Daniel Gardner, Executive Director  
Little Calumet River Basin Dev. Comm.  
8149 Kennedy Avenue  
Highland, IN 46322

Dear Messrs. Hannon and Gardner:

This report presents the results of our geotechnical investigation for the proposed Portage Municipal Marina in Portage, Indiana. The purpose of the investigation was to determine the soil bearing capacity for buildings and the soil properties for the design of the steel sheet pile retaining walls.

At present we understand that the marina will include one story wooden framed or masonry block office/restroom structures. The retaining walls will be steel sheet piling around the perimeter of the marina basin, and timber, concrete, masonry, or steel sheet piling retaining walls as needed throughout the project where steep slopes exist.

Our investigation consisted of analyzing the logs of four soil borings made by K & S Testing of Highland, Indiana. The borings consisted of two (2) 30 foot deep, one (1) 40' deep, and one (1) 75 foot deep bore hole. The boring logs and a boring location map are detailed in Appendix A of this report.

The borings revealed that the soils on-site generally consist of medium dense to dense fine sand and silty sand underlain by dense to very dense fine sand and silty sand. Some organic silt was encountered in Boring B-4 an elevation of 556' to 562' (surface elevation of 585'). Some very stiff silt and silty clay was encountered in Boring B-1 at an elevation of 517' to 523' (surface elevation of 584'). While the soils are generally consistent throughout the site, the soil profile appears to vary from the west to east side of the site. Most noticeable is the depth to the underlying dense to very dense sand layer, which is located at approximate elevation 579' on the west side, and approximate elevation 573' on the east side of the site.

Based upon the available information and our understanding of the project, we anticipate that the site is suitable for marina development. The office/restrooms structures may be supported on strip or isolated footings, and may load the soil to 2500 pounds per square foot, limiting total

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Mr. John Hannon and Mr. Daniel Gardner

Page 2

January 25, 1994

settlement to one half (1/2) inch. The footings should be placed on undisturbed soil or soil compacted to 98% maximum dry density. Soil design properties for the marina basin steel sheet piling walls will vary from the east to west side of the site, as described earlier, and are summarized below:

East Portion of Site

Elevation	Unit Weight	Angle of Internal Friction
584'	140 PCF	38°
579'	120 PCF	34°
579'	140 PCF	38°

Elevation	Unit Weight	Angle of Internal Friction
581'	140 PCF	38°
581'	120 PCF	33°
579'	120 PCF	31.5°
576'	120 PCF	33°
573'	140 PCF	38°

Other retaining walls should be designed for an equivalent fluid weight of 39 pounds per cubic foot.

The scope of this report does not include any environmental assessment or investigation for the presence of wetlands or hazardous or toxic materials in the soil, surface water, groundwater, on, below or around this site. The scope is limited to the evaluation of the sub-surface soil conditions for the support of building foundations, design of retaining walls, and other related aspects of site development.

The recommendations in this report are based on the project development as we currently understand it. Should there be any changes in the development plans or potential building designs, a re-evaluation of the data may be required.

Mr. John Hannon and Mr. Daniel Gardner

Page 3

January 25, 1994

Samples taken in the field will be retained in our office for 30 days and will then be discarded, unless otherwise requested by you.

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

Sincerely,

ABONMARCHE CONSULTANTS, INC.



Jeffrey A. Bartoszek, P.E.  
Director of Engineering

JAB/jeg



**LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION**  
**FINANCIAL STATEMENT**  
**JANUARY 1, 1994 - JANUARY 31, 1994**

CASH POSITION - JANUARY 1, 1994

CHECKING ACCOUNT

LAND ACQUISITION 76,807.73

GENERAL FUND 163,792.37

TAX FUND 1,493.97

INVESTMENTS 1,016,000.00

ESCROW ACCOUNT INTEREST 32,799.47

----- 1,290,893.54

RECEIPTS - JANUARY 1, 1994 - JANUARY 31, 1994

LEASE RENTS 5,480.00

INTEREST 844.98

MISCELLANEOUS INCOME 2,011.90

ESCROW ACCOUNT INTEREST 2,750.42

KRBC REIMBURSEMENT RE: TELEPHONE CHARGE 284.81

TAXES 497.26

TOTAL RECEIPTS ----- 11,869.37

DISBURSEMENTS - JANUARY 1, 1994 - JANUARY 31, 1994

1993 EXPENSES PAID IN 1994 48,700.63

TELEPHONE EXPENSES 565.63

BONDS AND INSURANCE SERVICES 32.00

MEETING EXPENSES 42.54

PROPERTY & STRUCTURES INSURANCE 13,000.00

TOTAL DISBURSEMENTS : ----- 62,340.80

CASH POSITION - JANUARY 31, 1994

CHECKING ACCOUNT

LAND ACQUISITION 65,591.33

GENERAL FUND 121,289.66

TAX FUND 1,991.23

INVESTMENTS 1,016,000.00

ESCROW ACCOUNT INTEREST 35,549.89

----- 1,240,422.11





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

REPLY TO  
ATTENTION OF

Programs and Project  
Management Division  
Project Management Branch

16 FEB 1994

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

Dear Mr. Gardner:

We request that the Little Calumet River Basin Development Commission provide an additional cash contribution of \$278,800 for the design of non-Federal improvements associated with the construction of the Little Calumet River, Indiana Local Flood Protection and Recreation Project in accordance with article 1 of the Memorandum of Agreement executed on January 8, 1992. Please deposit the funds into the established escrow account as specified in article 1 of the Memorandum of Agreement.

The total cost to prepare the design document is \$428,800. The Little Calumet River Basin Development Commission previously deposited \$150,000 into the escrow account and this requested contribution represents the remaining balance to account for the total cost.

Sincerely,

*Richard E. Carlson*

Richard E. Carlson, P.E.  
Deputy District Engineer  
Project Management

# LITTLE CALUMET RIVER BASIN DEVELOPMENT COMMISSION

## MONTHLY BUDGET REPORT

### FEBRUARY 28, 1994

ACCOUNT DESCRIPTION	BUDGET AMOUNT	AMOUNT PAID PREVIOUSLY	UNPAID BALANCE	AMOUNT READY FOR PAYMENT	PROJECTED BALANCE
5119 PER DIEM EXPENSES	\$16,000.00	0.00	16,000.00	0.00	\$16,000.00
5311 LEGAL EXPENSES	7,500.00	283.33	7,216.67	283.33	6,933.34
5312 NIRPC SERVICES	94,000.00	0.00	94,000.00	6,968.28	87,031.72
5313 TELEPHONE COSTS	3,000.00	843.27	2,156.73	475.88	1,680.85
5323 TRAVEL & MILEAGE	7,500.00	0.00	7,500.00	63.50	7,436.50
5331 PRINTING & ADVERTISING	2,000.00	0.00	2,000.00	0.00	2,000.00
5341 BONDS & INSURANCE	7,500.00	10.00	7,490.00	0.00	7,490.00
5399 MEETING EXPENSES	2,500.00	916.58	1,583.42	0.00	1,583.42
5410 LEGAL SERVICES	50,000.00	2,754.00	47,246.00	2,806.38	44,439.62
5420 PROFESSIONAL SERVICES	250,000.00	19,598.35	230,401.65	24,735.39	205,666.26
5430 PROJECT LAND PURCHASE COSTS	2,052,517.00	13,000.00	2,039,517.00	5,900.00	2,033,617.00
5440 PROPERTY/STRUCTURES INSURANCE	25,000.00	0.00	25,000.00	0.00	25,000.00
5450 UTILITY RELOCATION COSTS	250,000.00	591.00	249,409.00	107,078.74	142,330.26
5460 PROJECT LAND CAPITAL IMPROVEMENTS	150,000.00	0.00	150,000.00	0.00	150,000.00
5470 STRUCTURES CAPITAL IMPROVEMENT	40,000.00	0.00	40,000.00	0.00	40,000.00
5480 DNR/SHORELINE SAND FUND	1,053.00	0.00	1,053.00	0.00	1,053.00
5490 ESCROW ACCOUNT	1,260,087.00	0.00	1,260,087.00	0.00	1,260,087.00
TOTAL:	\$4,218,657.00	\$37,996.53	\$4,180,660.47	\$148,311.50	\$4,032,348.97

### CLAIMS READY FOR PAYMENT

ACCOUNT	VENDOR NAME	AMOUNT	EXPLANATION OF CLAIM
5311	LOUIS M. CASALE	283.33	RETAINER FEE FOR THE MONTH FEBRUARY 1994
5312	NIRPC	6,968.28	FOR SERVICES PERFORMED DURING JANUARY 1994
5313	MCI TELECOMMUNICATIONS	186.42	FOR TELEPHONE SERVICES RENDERED (KRBC TO PAY A PORTION)
5313	GTE	289.46	FOR TELEPHONE SERVICES RENDERED (KRBC TO PAY A PORTION)
5323	DAN GARDNER	63.50	MILEAGE EXPENSES 2/3 - 2/24/94
5410	LOUIS M. CASALE	2,806.38	LAND ACQUISITION LEGAL SERVICES RENDERED 1/29 - 2/25/94
5422	ABONMARCHE	990.00	ENGINEERING SERVICES RE: MARINA
5423	CHICAGO TITLE INSURANCE	190.00	COST INCURRED RE: TITLE WORK ON DC 310
5423	IN DEPT. OF NATURAL RESOURCES	17,200.00	COST OF OPERATION & MAINT. OF STREAM GAGING STATIONS
5423	NIPSCO	30.64	UTILITY BILL FOR PUMPING EXPENSES 1/12/94 - 2/9/94
5424	ROBERT B. STOUFFER	575.00	LAND ACQUISITION/MANAGEMENT SERVICES RE: 1/25-2/2/94
5424	ROBERT B. STOUFFER	1,600.00	LAND ACQUISITION/MANAGEMENT SERVICES RE: 2/3-21/94
5424	JAMES E. POKRAJAC	2,275.00	LAND ACQUISITION/MANAGEMENT SERVICES RE: 2/1-15/94
5424	JAMES E. POKRAJAC	1,874.75	LAND ACQUISITION/MANAGEMENT SERVICES RE: 2/16-28/94
5432	RICHARDA HECKER	650.00	MOVING EXPENSES INCURRED ON DC 312
5432	RICHARDA HECKER	5,250.00	RELOCATION COSTS INCURRED ON DC 312
5450	NIPSCO	48,818.43	UTILITY RELOCATION SERVICES 35TH & CHASE ST.
5450	NIPSCO	3,190.14	UTILITY RELOCATION SERVICES TAFT STREET S/O I-94
5450	NIPSCO	55,070.17	UTILITY RELOCATION SERVICES CHASE ST., GRANT ST.
		<u>\$148,311.50</u>	

# FEDERAL FY 1995 - INDIANA CORPS PROJECTS - CLINTON BUDGET

PROJECT	TYPE OF PROJECT	SURVEYS	PRECONSTRUCTION ENGN & DESIGN	CONSTRUCTION		OPERATION & MAINTENANCE
				TOTAL PROGRAM *	BUDGET REQUEST	
INDIANA						
* BEVERLY SHORES, IN	FC					52,000
* BROCKVILLE LAKE, IN	FC					556,000
* BURNS WATERWAY HARBOR, IN	N					582,000
* BURNS WATERWAY SMALL BOAT HARBOR, IN	N					437,000
CAGLES MILL LAKE, IN	FC					688,000
CECIL & HARDEN LAKE, IN	FC					1,087,000
FORT WAYNE METROPOLITAN AREA, IN	FC			1,000,000	2,000,000	
HUNTINGTON LAKE, IN	FC					595,000
ILLINOIS WATERWAY (NCD PORTION), IL & IN (SEE ILLINOIS)						
* INDIANA HARBOR, IN	N					309,000
INDIANAPOLIS, WHITE RIVER (NORTH), IN	FDP	271,000				
* LITTLE CALUMET RIVER BASIN, DYER, IN	FDP	212,000				
* LITTLE CALUMET RIVER, IN	FC			11,300,000	3,300,000	
MCALPINE LOCKS AND DAM, IN & KY (SEE KENTUCKY)						
METROPOLITAN REGION OF CINCINNATI, DUCK CREEK, OH, KY & IN (SEE OHIO)						
MICHIGAN CITY HARBOR, IN	N					151,000
MISSISSINAWA LAKE, IN	FC					595,000
MONROE LAKE, IN	FC					650,000

\* INCLUDES PROGRAMMED UNOBLIGATED CARRYOVER SCHEDULED TO BE EXPENDED IN FISCAL YEAR 1995.

22 FEB 94

## MEMO FOR FILES


SUBJECT: Schedule for Stage II-3A 8(a) Procurement

1. Elvin Pauls has been designated as the negotiator for this contract to replace W. Herlocker. This morning we met with Herlocker and ED-P/C to discuss the steps and schedule remaining. Because the completion of the post audit technical analysis has been delayed, the schedule has been revised as follows:

- 22 Feb - Complete post audit technical analysis
- 23 Feb - Send post audit technical analysis/audit to NCR
- 4 Mar - NCR complete cost/price analysis, send to NCC 1/
- 11 Mar - Negotiations' objectives/pre BCM to NCD
- 16 Mar - NCR return negotiations' objective/pre BCM to NCC
- 18 Mar - Complete pre BCM
- 22 Mar - Start negotiations
- 30 Mar - Complete negotiations
- 1 Apr - Complete negotiations summary/ post BCM package, send to NCR
- 6 Apr - NCR returns contract package to NCC
- 11 Apr - Contract Review Board/letter of transmittal to SBA
- 18 Apr - Contractor/SBA/Contracting Officer signs contract.

1/ NCR-CT will verify date after reviewing technical analysis & audit

2. NCR-CT was advised this afternoon that the technical analysis/audit will be mailed to them on the 23 Mar. Bales stated that he would have to see the package before he could estimate the time he needs for the cost price analysis.

  
DAVID HUNTER  
Project Engineer

CF CENCC-DE  
CENCC-DD (PM)  
CENCC-ED  
CENCC-ED-P  
CENCC-CO-C  
CENCR-CT  
SBA  
LCRBDC

RESOLUTION NUMBER  
OF THE LITTLE CALUMET RIVER  
Basin Development Commission

WHEREAS, The Little Calumet River Basin Development Commission (hereinafter the COMMISSION) the local sponsor for the United States of America Army Corps of Engineers in the acquisition, construction and development of the Little Calumet River Flood Control and Recreation Project (hereinafter the PROJECT); and,

WHEREAS, the COMMISSION, in order to acquire land for the PROJECT, has or will cause to be relocated two (2) billboards owned by Whiteco Metrocom (hereinafter WHITECO); and,

WHEREAS, the COMMISSION and WHITECO desire to relocate said billboards upon land owned or controlled by the COMMISSION subject to an Agreement, the terms and conditions of which have, as of yet, been negotiated.

NOW THEREFORE BE IT RESOLVED THAT:

1) The Attorney, Executive Director and Chairman of the COMMISSION are hereby authorized to negotiate an Agreement with WHITECO regarding the relocation of said signs and lease of the property owned by the COMMISSION, which said Agreement is subject to the approval of this COMMISSION at a public meeting.

2) WHITECO be and hereby is authorized to apply for any permits necessary to construct, operate and maintain said billboards up on said land.

This Resolution adopted this \_\_\_\_\_ day  
of \_\_\_\_\_, 1994.

THE LITTLE CALUMET RIVER  
BASIN DEVELOPMENT COMMISSION

\_\_\_\_\_  
ATTEST:  
  
\_\_\_\_\_

RESOLUTION NUMBER  
OF THE LITTLE CALUMET RIVER  
BASIN DEVELOPMENT COMMISSION

WHEREAS, the Little Calumet River Basin Development Commission, (hereinafter the "COMMISSION") is a public body, duly organized, created and existing under the laws of, and within, the State of Indiana, for the uses and purposes as set out in Indiana Code 14-6-29.5-1 to 14-6-29.5-11 inclusive; and,

WHEREAS, the COMMISSION is the local sponsor working in conjunction with the United States Army Corps of Engineers in the acquisition, construction and maintenance of the Little Calumet River Flood Control and Recreation Project in Lake and Porter Counties in the State of Indiana (hereinafter the "PROJECT"); and,

WHEREAS, in order to carry out the PROJECT, the COMMISSION needs to acquire a parcel of land described in Exhibit "A", attached hereto; and,

WHEREAS, no recorded patent or ownership of the property described in Exhibit "A" has been found, as indicated in the letter attached hereto and marked Exhibit "B"; and,

WHEREAS, said real property constitutes swamp land, the control, use and possession of which is granted to the State of Indiana under Chapter LXXXIV, Thirty-First Congress, Session I, Chapter 82, 83, 84, 1850, and that

transfer of said land to the COMMISSION by the State is necessary, desirable and in the best interest of the citizens of the State of Indiana.

NOW THEREFORE BE IT RESOLVED that:

1) The COMMISSION by this Resolution hereby requests that the State of Indiana by and through the Governor and Secretary of State, the Commissioner of the Department of Administration and the Director of the Department of Natural Resources release, quit-claim and transfer title to the real property described in Exhibit "A" to the COMMISSION.

2) The Chairman of the COMMISSION is hereby authorized to execute and its attorney is authorized to prepare any documents necessary to effectuate said transfer.

Resolved this \_\_\_\_\_ day of \_\_\_\_\_, 1994.

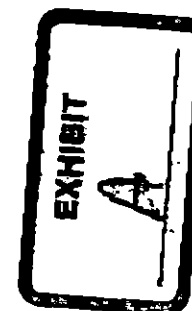
THE LITTLE CALUMET RIVER BASIN  
DEVELOPMENT COMMISSION:

By: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
SECRETARY





LEGAL DESCRIPTION:

A PARCEL OF LAND IN THE WEST 1/2 OF THE NORTHEAST 1/4 OF SECTION 24, TOWNSHIP 36 NORTH, RANGE 9 WEST OF THE SECOND PRINCIPAL MERIDIAN, LAKE COUNTY, INDIANA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF SAID SECTION 24, SAID POINT BEING 2,630.66 FEET WEST OF THE NORTHEAST CORNER OF SAID SECTION 24, AS MEASURED ALONG THE NORTH LINE OF SAID SECTION 24; THENCE SOUTH 0° 01' 24" WEST 1,686.72 FEET ALONG THE WEST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 24, TO AN INTERSECTION POINT WITH SAID WEST LINE AND THE U.S. GOVERNMENT MEANDER LINE BEING THE SOUTH LINE OF GOVERNMENT LOT NO. 2, SAID INTERSECTION POINT BEING THE POINT OF BEGINNING; THENCE SOUTH 81° 57' 06" EAST 1,327.85 FEET ALONG SAID GOVERNMENT MEANDER LINE TO THE EAST LINE OF THE WEST 1/2 OF THE NORTHEAST 1/4 OF SAID SECTION 24; THENCE SOUTH 0° 00' 38" EAST 112.00 FEET ALONG SAID EAST LINE TO A POINT ON THE NORTH EDGE OF THE LITTLE CALUMET RIVER; THENCE ON THE FOLLOWING FOUR (4) COURSES ALONG A MEANDER LINE MARKING THE NORTH EDGE OF SAID LITTLE CALUMET RIVER: (1) NORTH 89° 11' 00" WEST 327.79 FEET, (2) SOUTH 77° 44' 55" WEST 578.05 FEET, (3) NORTH 86° 09' 21" WEST 208.02 FEET, (4) SOUTH 86° 57' 47" WEST 215.07 FEET TO THE WEST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 24; THENCE NORTH 0° 01' 24" EAST 413.35 FEET ALONG SAID WEST LINE TO THE POINT OF BEGINNING. CONTAINING 7.97 ACRES MORE OR LESS.

CHICAGO TITLE INSURANCE COMPANY

200 N. MAIN ST., P. O. BOX 110, CROWN POINT, IN 46307 (219) 664-2280 (219) 769-6918



June 11, 1987

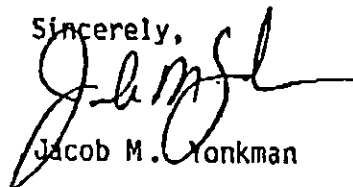
Mr. Bruce Stouffer  
Little Calumet River  
Basin Development Department  
8149 Kennedy Avenue  
Highland, IN 46322

RE: Vacant land adjoining  
Lake Etta Park,  
Little River And  
Burn Street

Dear Mr. Stouffer:

We have been unable to find a recorded patent to the land you and I have discussed. It appears that you will have to have the land surveyed and then apply for a patent through the Governor's office. After a patent with a specific description is obtained, we suggest perfecting the title by a quiet title action versus adjoining owners including owners to the South of the river.

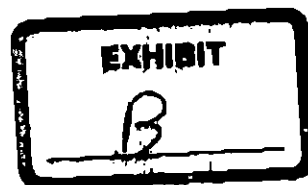
Sincerely,



Jacob M. Yonkman

JMY:msm

cc: Louis Casale



# ATTENDANCE ROSTER

Name of meeting: LCPBDC

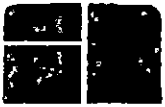
Date: 3-3-94

PLEASE SIGN

	NAME (please print)	Organization and/or Address	
1	Mike Vander Heyden	Dyer Const Co	1
2	Rick Markley	The Times	2
3	Emerson B. Redding	208 South Moor Hammock	3
4	Steve Zeh	So. Shore Marina	4
5	M. J. Zeh		5
6	JIM FLORA	R.W. ARMSTRONG	6
7	Kenneth Smith	10NR Water	7
8	Bill Petrities	Highland	8
9			9
10			10
11			11
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26			26
27			27
28			28
29			29
30			30
31			31

Chairman:

Location:



THE  
ABONMARCHE  
GROUP

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

Granger, Indiana  
Michigan City, Indiana

Architecture • Engineering • Land Surveying • Natural Resources • Construction Management

March 2, 1994

Daniel Gardner, Executive Director  
LCRBDC  
6100 Southport Road  
Portage, IN 46368

Re: Task #7 - Engineering Services

Dear Mr. Gardner:

The USCOE has requested completion of several items to be submitted as part of the final permit documents (see enclosed letter).

You have previously approved an authorization of \$2,000 for work in January. You are hereby requested to authorize an additional \$4,500 for February and March services to prepare documents to respond to the following:


- USCOE letter items
- NIPSCO communications
- Sand mining correspondence and communications

Your signature below and the return of one signed copy of this letter will authorize us to proceed with the work.

I have also enclosed an invoice for January services based upon your previous authorization.

Sincerely,

ABONMARCHE CONSULTANTS, INC.

  
Ronald E. Schulte, P.E.  
President

RES/f

Enclosure

Accepted by: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_

March 2, 1994

LCRBDC/CITY OF PORTAGE  
ESTIMATE FOR ENGINEERING COSTS

- NIPSCO correspondence
- USCOE data for permit
  - Detailed landscape plan
  - INDOT Agreement
  - Phasing Plan
  - Draft Conservation Easement/deed description/restrictions
- Sand contract administration

## I. NIPSCO Correspondence and Descriptions

Principal	2 hrs.	x	\$85	\$170
Registered Land Surveyor	4 hrs.	x	\$65	260
Survey Technician	8 hrs.	x	\$45	360

---

\$ 790

## II. USCOE Data

Principal	16 hrs.	x	\$85	\$1,360
Natural Resource Specialist	12 hrs.	x	\$40	480
Landscape Architect	16 hrs.	x	\$40	640
Project Engineer	12 hrs.	x	\$60	720

---

\$ 3,200

## III. Sand Contract Administration

Principal	4 hrs.	x	\$85	\$320
Project Engineer	3 hrs.	x	\$60	180

---

\$ 520

Total Estimate:

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\$ 4,510