



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, IL 60601-5927
www.benesch.com
P 312-565-0450
F 312-565-2497

November 19, 2014

Mr. James Casey
Illinois Department of Natural Resources
Coastal Management Program
160 North LaSalle Street, Suite S-703
Chicago, IL 60601

Subject: Amphibious Vehicle Ramps – Federal Consistency Determination Request

Dear Mr. Casey:

Our client, Entertainment Cruises, seeks a federal consistency determination pertaining to their plans to construct two amphibious vehicle ramps on the Chicago River, Main Branch and South Branch. The purpose of the project is to provide access into and out of the Chicago River for a Chicago Duck Tour to be operated by Entertainment Cruises. Although the sites of the two ramps are not adjacent, the U.S. Army Corps of Engineers has determined that the project should be considered as one because the two ramps are interdependent. Approval of only one would be useless without approval of the other.

The proposed activity complies with Illinois' approved coastal management program and will be conducted in a manner consistent with such policies.

The application narrative is attached with this letter. The complete application, which includes the Joint Application Form for Illinois as Appendix A, may be downloaded from the Benesch FTP site:

Site: www.benesch.com/ftp
Password: duck ramps

Also attached is the signed Child Support Certification form.

Please do not hesitate to contact me if you need any additional information.

Sincerely,

Sara L. Davis, P.E., S.E.
Project Manager

Enclosures

RECEIVED

NOV 21 2014

OFFICE OF WATER RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT



**APPLICATION FOR SECTION 10
PERMIT AUTHORIZATION
(LETTER OF PERMISSION)**

FOR

 **ENTERTAINMENT CRUISES**

**AMPHIBIOUS VEHICLE RAMPS
CITY OF CHICAGO, COOK COUNTY, ILLINOIS**

PREPARED BY:



Alfred Benesch & Company
205 N. Michigan Avenue – Suite 2400
Chicago, IL 60601

NOVEMBER 2014

TABLE OF CONTENTS

INTRODUCTION AND PERMIT REQUEST	1
LOCATION	1
PROJECT PURPOSE AND NEED	1
PROJECT DESCRIPTION.....	2
IMPACT AVOIDANCE	2
MITIGATION	3
SOIL EROSION AND SEDIMENT CONTROL	3
THREATENED OR ENDANGERED SPECIES	3
HISTORIC PROPERTIES.....	4
ADJOINING PROPERTY OWNERS.....	4
PROJECT SCHEDULE.....	4
AUTHORIZATIONS	4
JOINT PERMIT APPLICATION FORM	APPENDIX A
U.S. ARMY CORPS OF ENGINEERS CORRESPONDENCE	APPENDIX B
LOCATION MAP.....	APPENDIX C
PHOTOS	APPENDIX D
ENGINEERING PLANS	APPENDIX E
USFWS ENDANGERED SPECIES DOCUMENTATION.....	APPENDIX F
IDNR EcoCAT DOCUMENTATION	APPENDIX G
HISTORIC PRESERVATION DOCUMENTATION.....	APPENDIX H
LIST OF ADJOINING PROPERTY OWNERS	APPENDIX I
PROJECT SHEDULE	APPENDIX J
LIST OF AGENCY AUTHORIZATIONS.....	APPENDIX K

INTRODUCTION AND PERMIT REQUEST

Entertainment Cruises, a well-established operator of lake cruises at Navy Pier, in Chicago, is planning to operate a Chicago Duck Tour. The Amphibious Vehicle Ramps project, construction of two ramp structures to provide access into and out of the Chicago River, is necessary for the operation of the Chicago Duck Tour.

Entertainment Cruises is seeking authorization from the U.S. Army Corps of Engineers (the Corps), under Section 10 of the Rivers and Harbors Act of 1899, through review of this permit application, for construction of this project, described in detail below. The Joint Application Form for Illinois is included as **Appendix A**.

Authorization is also sought from the Illinois Department of Natural Resources/Office of Water Resources (IDNR/OWR), the Illinois Department of Natural Resources/Illinois Coastal Management Program (IDNR/ICMP) and from the Illinois Environmental Protection Agency (IEPA). The Corps has stated that this permit request can be processed as a Letter of Permission (Section 10 structure only). See **Appendix B** for email correspondence. Therefore, an Individual Section 401 Water Quality Certification is not requested from the IEPA.

LOCATION

See **Appendix C** for a project location map. Site photos may be found in **Appendix D**.

PROJECT PURPOSE AND NEED

The purpose for the proposed Amphibious Vehicle Ramps is for amphibious vehicles (Ducks), owned and operated by Entertainment Cruises, to enter and exit the Chicago River as part of a Chicago Duck Tour. This tourist attraction will be based on Navy Pier, where passengers will board and de-board the Ducks. After touring on city streets, a Duck will enter the river via the proposed Marina Towers ramp and continue west on the Chicago River Main Branch, then down the South Branch to leave the water at the proposed Polk Street ramp and proceed via land back to Navy Pier. This type of tourist attraction has been very popular in other cities, notably Boston, and promises to be a very popular way for tourists to see some of Chicago's famous landmarks in a most enjoyable way. See **Appendix D** for photos of Ducks.

The Amphibious Vehicle Ramps are intended for use by the Entertainment Cruises Chicago Duck Tour only. No vehicles will be docked at the ramps, nor will passengers be loaded or discharged.

PROJECT DESCRIPTION

The proposed ramp at Marina Towers (formerly known as Marina City) will be a steel and precast concrete structure in the east slip of the existing marina. Marina Towers was constructed in 1962-63. No Department of the Army permit for the structure has been found.

The proposed steel frame will be supported by the existing Marina Towers building structure. Precast concrete panels supported by the steel frame will provide the ramp surface for vehicle to drive into the water from the existing dock level in the Marina. The ramp will be approximately 25 feet wide (E-W) by 73 feet long (N-S). The project area is 0.6 acres. Note that this ramp consists entirely of structure and no earthwork. Nothing will be constructed outside of the Marina Towers property. No disturbance of the riverbed is planned.

The proposed ramp at Polk Street will be built in the unused roadway on the east bank of the river. The existing east abutment of the former Polk Street bascule bridge will be modified to serve as the point of exit from the river. Note that the bridge, constructed in 1908, was removed in 1972 and there are no plans to replace it. No Department of the Army permit for the former bridge has been found.

The ramp will follow the direction of Polk Street east at a 16% slope up from a depth of approximately 6 feet below normal water level at the low end to street level at the east end. The overall dimensions are approximately 20 feet wide (N-S) by 95 feet long (E-W). The project area is 0.9 acres. Fence and a gate will be installed to limit access to the ramp from Polk Street and adjacent properties.

Excavation east of the abutment (out of the water) will be retained by concrete-capped sheet pile walls. Fill will be removed from the existing counterweight pit and most of the front and rear piers will be demolished to make a 15 feet wide path for the ramp. To accomplish this work in dry conditions, a temporary bulkhead will be anchored to the river side of the front pier of the existing abutment. After demolition and paving of the ramp, the bulkhead will be removed and water from the river will fill part of the ramp. Installation and removal of the temporary bulkhead will require some work by divers. Note that no fill material will be placed in the river. The new structure will not extend into the river beyond the limits of the existing abutment. River water will come in contact with smooth concrete and steel structural surfaces only in the ramp. No work in the navigable channel and no dredging or depositing any debris in the river is planned.

See **Appendix E** for engineering plans.

IMPACT AVOIDANCE

Construction of the amphibious vehicle ramps will not impact any wetland, as none exist at Marina Towers or at Polk Street, both of which are in a developed urban area.

No access roads, cofferdams or other temporary construction are planned for this project.

No fill will be placed in the Chicago River and there will be no dredging/excavation of the river bottom as part of this project.

Neither ramp will extend into the river channel.

At Marina Towers, the assembled ramp structure will be placed in the water. At Polk Street, river water will only be allowed into the lower part of the ramp after the structure is completed.

Therefore, we conclude there will be no impact to Waters of the U.S.

MITIGATION

There are no wetlands present in the project area, and no impact to Waters of the U.S., so no mitigation is required.

SOIL EROSION AND SEDIMENT CONTROL

The Illinois Department of Transportation's (IDOT's) Standard Specifications for Road and Bridge Construction will guide erosion and sediment control efforts at the site. All erosion and sediment control measures will be maintained and remain in place until construction is completed and site conditions stabilize. This will involve the placement of a turbidity curtain along the west and south edges of the east slip at Marina Towers and around the existing east abutment of the former bascule bridge at Polk Street. A silt fence will be placed at the perimeter of the Polk Street site on land. Layout of the turbidity curtain and the silt fence is provided on "Soil Erosion and Sediment Control" plan sheets included in **Appendix E**.

THREATENED OR ENDANGERED SPECIES

The U.S. Fish and Wildlife Service (USFWS) S7 Consultation Technical Assistance website was referenced on October 27, 2014, for federally listed threatened or endangered species. According to the website, nine species are listed and may be present in Cook County: Northern long-eared bat, Piping plover, Eastern massasauga, Hine's emerald dragonfly, Rattlesnake-master borer moth, Eastern prairie fringed orchid, Leafy-prairie clover, Mead's milkweed and Prairie bush clover.

The project area contains no suitable habitat for any of the listed species, as described in the Illinois County Distribution list and the species information pages on the website. The project is within a developed area. The Marina Towers site is within an existing structure, bounded by city streets, other structures and the Main Branch Chicago River. The Polk Avenue site is on a city street right of way, currently unused, that has previously been paved and now has a gravel surface. The properties adjacent to the Polk Street site has frequently mowed grass and conventional landscaping. Therefore, we conclude that the Amphibious Vehicle Ramps Project will have "No Effect" on federally listed species, their habitats, or proposed or

designated critical habitat. See **Appendix F** for the USFWS S7 Consultation page printed from the website.

In addition, natural resource reviews were initiated using the IDNR's Ecological Compliance Assessment Tool (EcoCAT). Preliminary results indicated that there is no existence of state listed threatened or endangered species within the project limits except for the peregrine falcon (both locations) and the banded killifish (Polk Street only) as identified by the Illinois Natural Heritage Database. Consultation for Endangered Species Protection and Natural Area Preservation (Part 1075) was requested on October 11, 2014. On October 30, 2014, the IDNR responded regarding the Marina Towers location and stated that their evaluation concluded that adverse effects are unlikely and that the Marina Towers consultation under 17 Ill. Adm. Code Part 1075 is terminated. A similar response is expected regarding the Polk Street location. See **Appendix G** for the EcoCAT documentation and correspondence.

HISTORIC PROPERTIES

The vicinities of the proposed Amphibious Ramps at Marina Towers and at Polk Street were searched using the Historic Architectural/Archaeological Geographic Information System (HARGIS). No historic properties or historic districts, listed or eligible to be listed in the National Register of Historic Places were found at or adjacent to the proposed sites of the project. Consultation with the Illinois Historic Preservation Agency (IHPA) has been initiated by letter requesting confirmation of compliance with the *National Historic Preservation Act, Section 106*. See **Appendix H** for IHPA correspondence and print-outs of the HARGIS maps with the proposed ramp sites superimposed. Note that not all of the letter enclosures are included in this appendix because they are redundant with other parts of this application.

ADJOINING PROPERTY OWNERS

See **Appendix I** for a list of adjoining property owners. Mailing labels have been provided to the Chicago District Office of the Corps.

SCHEDULE

See **Appendix J** for the project schedule.

AUTHORIZATIONS

See **Appendix K** for a list of authorizations required by other agencies, with approval status to date.

APPENDIX A

JOINT PERMIT APPLICATION FORM

JOINT APPLICATION FORM FOR ILLINOIS

ITEMS 1 AND 2 FOR AGENCY USE

1. Application Number	2. Date Received
-----------------------	------------------

3. and 4. (SEE SPECIAL INSTRUCTIONS) NAME, MAILING ADDRESS AND TELEPHONE NUMBERS

<p>3a. Applicant's Name: Dan Russell, Vice President & General Manager Company Name (if any): Entertainment Cruises Address: NBC Tower 455 Cityfront Plaza Dr, Ste 2600 Chicago, IL 60611 Email Address: [REDACTED]</p>	<p>3b. Co-Applicant/Property Owner Name (if needed or if different from applicant): Andy Bartucci, General Manager Company Name (if any): LHO Chicago River LLC Address: c/o Transwestern (Also see page 3) 333 N Dearborn St Chicago, IL 60654 [Location A only - See page 3, for Location B] Email Address: [REDACTED]</p>	<p>4. Authorized Agent (an agent is not required): Sara Davis, Project Manager Company Name (if any): Alfred Benesch & Company Address: 205 N Michigan Ave, Ste 2400 Chicago, IL 60601 Email Address: sdavis@benesch.com Agent's Phone Nos. w/area code Business: 312-565-0450 Residence: Cell: 773-908-5029 Fax: 312-565-2497</p>
Applicant's Phone Nos. w/area code Business: [REDACTED] Residence: Cell: [REDACTED] Fax:	Applicant's Phone Nos. w/area code Business: [REDACTED] Residence: Cell: Fax:	

STATEMENT OF AUTHORIZATION

I hereby authorize, Alfred Benesch & Company to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information for this permit application.

Date 11.19.11

5. ADJOINING PROPERTY OWNERS (Upstream and Downstream of the water body and within Visual Reach of Project)

Name	Mailing Address	Phone No. w/area code
a. See attached Appendix I.		
b.		
c.		
d.		

6. PROJECT TITLE:
Amphibious Vehicle Ramps

7. PROJECT LOCATION:
A. East slip of the marina at river level of Marina Towers, N bank of the Main Branch Chicago River, W of State St
B. Polk St at E bank of South Branch Chicago River.

<p>LATITUDE: 41.88783 °N LONGITUDE: 87.62833 °W</p>	<p>UTMs Northing: Easting:</p>										
<p>STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION A. 300 N State St, Chicago, IL 60654 B. 240 W Polk St, Chicago, IL 60607</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>LEGAL DESCRIPT</th> <th>QUARTER</th> <th>SECTION</th> <th>TOWNSHIP NO.</th> <th>RANGE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A. SE</td> <td style="text-align: center;">9</td> <td style="text-align: center;">39N</td> <td style="text-align: center;">14E</td> <td></td> </tr> </tbody> </table>	LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE	A. SE	9	39N	14E	
LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE							
A. SE	9	39N	14E								
<p><input checked="" type="checkbox"/> IN OR <input type="checkbox"/> NEAR CITY OF TOWN (check appropriate box) Municipality Name Chicago</p>	<p style="text-align: center;">WATERWAY</p> <p>A. Main Branch Chicago River B. South Branch Chicago River</p>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">COUNTY</td> <td style="width: 20%;">STATE</td> <td style="width: 50%;">ZIP CODE</td> </tr> <tr> <td>County</td> <td>IL</td> <td>60654, -07</td> </tr> </table>	COUNTY	STATE	ZIP CODE	County	IL	60654, -07	<p style="text-align: right;">RIVER MILE (if applicable) A. 326 B. 324</p>				
COUNTY	STATE	ZIP CODE									
County	IL	60654, -07									

8. PROJECT DESCRIPTION (include all features):

See attached Project Description.

9. PURPOSE AND NEED OF PROJECT:

See attached Project Purpose and Need.

COMPLETE THE FOLLOWING FOUR BLOCKS IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

10. REASON(S) FOR DISCHARGE:

11. TYPE(S) OF MATERIAL BEING DISCHARGED AND THE AMOUNT OF EACH TYPE IN CUBIC YARDS FOR WATERWAYS:

TYPE:
AMOUNT IN CUBIC YARDS:

12. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED (See Instructions)

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)

14. Date activity is proposed to commence March 2, 2015 Date activity is expected to be completed May 22, 2015

15. Is any portion of the activity for which authorization is sought now complete? Yes No NOTE: If answer is "YES" give reasons in the Project Description and Remarks section. Indicate the existing work on drawings.

16. List all approvals or certification and denials received from other Federal, interstate, state, or local agencies for structures, construction, discharges or other activities described in this application.

Issuing Agency	Type of Approval	Identification No.	Date of Application	Date of Approval	Date of Denial
See attached Appendix K					

17. CONSENT TO ENTER PROPERTY LISTED IN PART 7 ABOVE IS HEREBY GRANTED. Yes No

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)
Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

[Redacted] PROJECT MANAGER, ALFRED BENEDET + COMPANY Nov. 19, 2014

 Signature of Applicant or Authorized Agent Date
SARA L. DAVIS

 Signature of Applicant or Authorized Agent Date

 Signature of Applicant or Authorized Agent Date

Corps of Engineers Revised 2010 IL Dep't of Natural Resources IL Environmental Protection Agency Applicant's Copy Agency

SEE INSTRUCTIONS FOR ADDRESS

LOCATION MAP

See attached Appendix C for Location Map.

Note that the project includes two interdependent locations, designated here as:

- A. Marina Towers
- B. Polk Street

Additional information for Blocks 3 and 7, which would not fit on the first page:

For Location A:

BLOCK 3

Additional information:

LHO Chicago River LLC owns the commercial part of Marina Towers, including the marina.

Transwestern manages the property for LHO Chicago River LLC.

Contact info is on page 1.

Jefferson Beach Yacht Sales leases the Marina Towers marina from LHO Chicago River LLC.

Contact: Ron Silvia, Sales Associate & Chicago Manager
 Jefferson Beach Yacht Sales
 300 N State - Ste EE
 Chicago, IL 60654
 Email address: rsilvia@jbys.com
 Phone: 508-400-2962

Entertainment Cruises will sub-lease the east slip from Jefferson Beach Yacht Rentals. The sub-lease terms have been worked out and the document is being drafted.

For Location B:

BLOCK 3

An access agreement is being negotiated with the Chicago Department of Transportation for use of the Polk Street right of way.

BLOCK 7

7. Latitude: 41.87160 N
 Longitude: 87.63356 W

Legal Description: Quarter - SE Section - 16 Township No. - 39N Range - 14E

Revised 2010
 Corps of Engineers

IL Dep't of Natural Resources

IL Environmental Protection Agency

Applicant's Copy

PLAN VIEW

See attached Appendix E, General Plan and Sections Sheets for Marina Towers and for Polk Street.

FOR AGENCY USE ONLY

Revised 2010

Corps of Engineers

IL Dep't of Natural Resources

IL Environmental Protection Agency

Applicant's Copy

APPENDIX B

U.S. ARMY CORPS OF ENGINEERS CORRESPONDENCE

Davis, Sara

From: Murphy, Michael J LRC <Michael.J.Murphy@usace.army.mil>
Sent: Tuesday, October 21, 2014 12:48 PM
To: Davis, Sara
Cc: Dan Russell
Subject: RE: Duck Ramps Adjacent Properties (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Apologies for the slow response, out of the office Fri and Mon. This looks good for adjacent and potentially affected property owners. Make sure you use the format from our application checklist (item E under LOPs and IPs; <http://www.lrc.usace.army.mil/Missions/Regulatory/Illinois/AppChecklist.aspx>)

Having talked with Kathy, we agree that this can be processed as a Letter of Permission (Section 10 structure only). This won't change your notification list but it does remove the requirement for an individual 401 certification from IEPA.

Let me know if you have any questions as you proceed. I will be somewhat sporadic in my office time for the next week or so but I will be checking email as I can.

Michael J. Murphy
U.S. Army Corps of Engineers
Chicago District, Regulatory Branch
231 S. LaSalle St., Suite 1500
Chicago, Illinois 60604

(312) 846-5538
fax: (312) 353-4110

<http://www.lrc.usace.army.mil/Missions/Regulatory.aspx>

-----Original Message-----
From: Davis, Sara [mailto:sdavis@benesch.com]
Sent: Wednesday, October 15, 2014 5:21 PM
To: Murphy, Michael J LRC
Cc: Dan Russell
Subject: [EXTERNAL] Duck Ramps Adjacent Properties

Mike,

It was so nice to meet with you today to discuss the Entertainment Cruises' Amphibious Vehicle (Ducks) Ramps project.

You suggested I send mark-ups of aerial maps to show properties that should receive Public Notice, being adjacent to or within visual reach of the proposed ramps. Please see the attached sketches and let me know if you have any comments as to adding or deleting properties.

Thank you,

Sara

Sara L. Davis, PE, SE | Project Manager

Alfred Benesch & Company | 205 North Michigan Avenue, Suite 2400, Chicago, IL 60601
P 312-565-0450 | F 312-565-2497 | C 773-908-5029 | E sdavis@benesch.com | W www.benesch.com
<<http://www.benesch.com>>

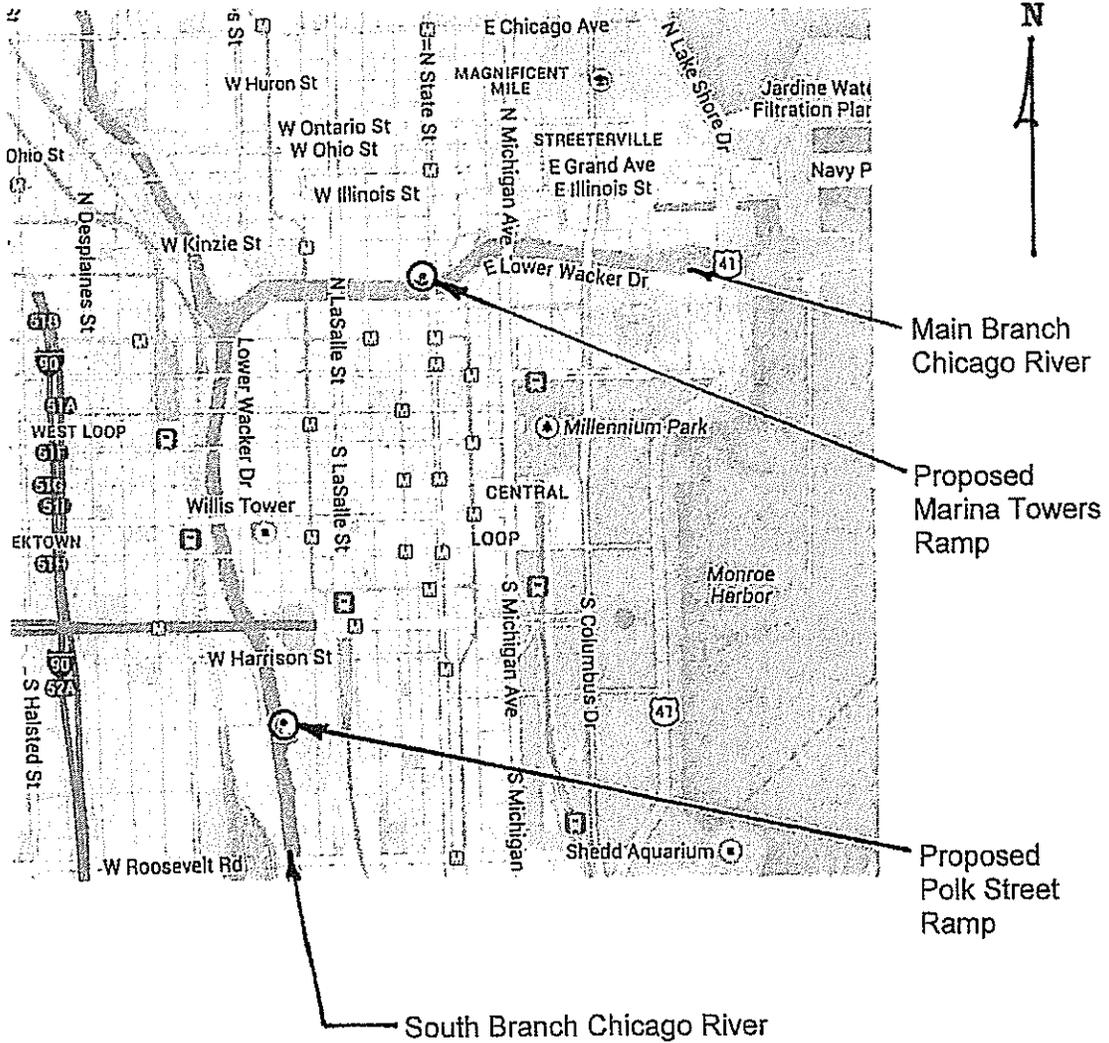
The information contained in this message may be privileged, confidential, protected from disclosure or subject to copyright/patent protection. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by replying to the message and deleting it from your computer.

Classification: UNCLASSIFIED
Caveats: NONE

APPENDIX C

LOCATION MAP

AMPHIBIOUS VEHICLE RAMPS – LOCATION MAP



Prepared By:



For:



October 2014

APPENDIX D

PHOTOS

AMPHIBIOUS VEHICLE RAMPS – MARINA TOWERS PHOTO 1



Looking North from Wacker Drive



Prepared By:

For:



October 2014

AMPHIBIOUS VEHICLE RAMPS – MARINA TOWERS PHOTO 2



Looking Northwest from State Street Bridge



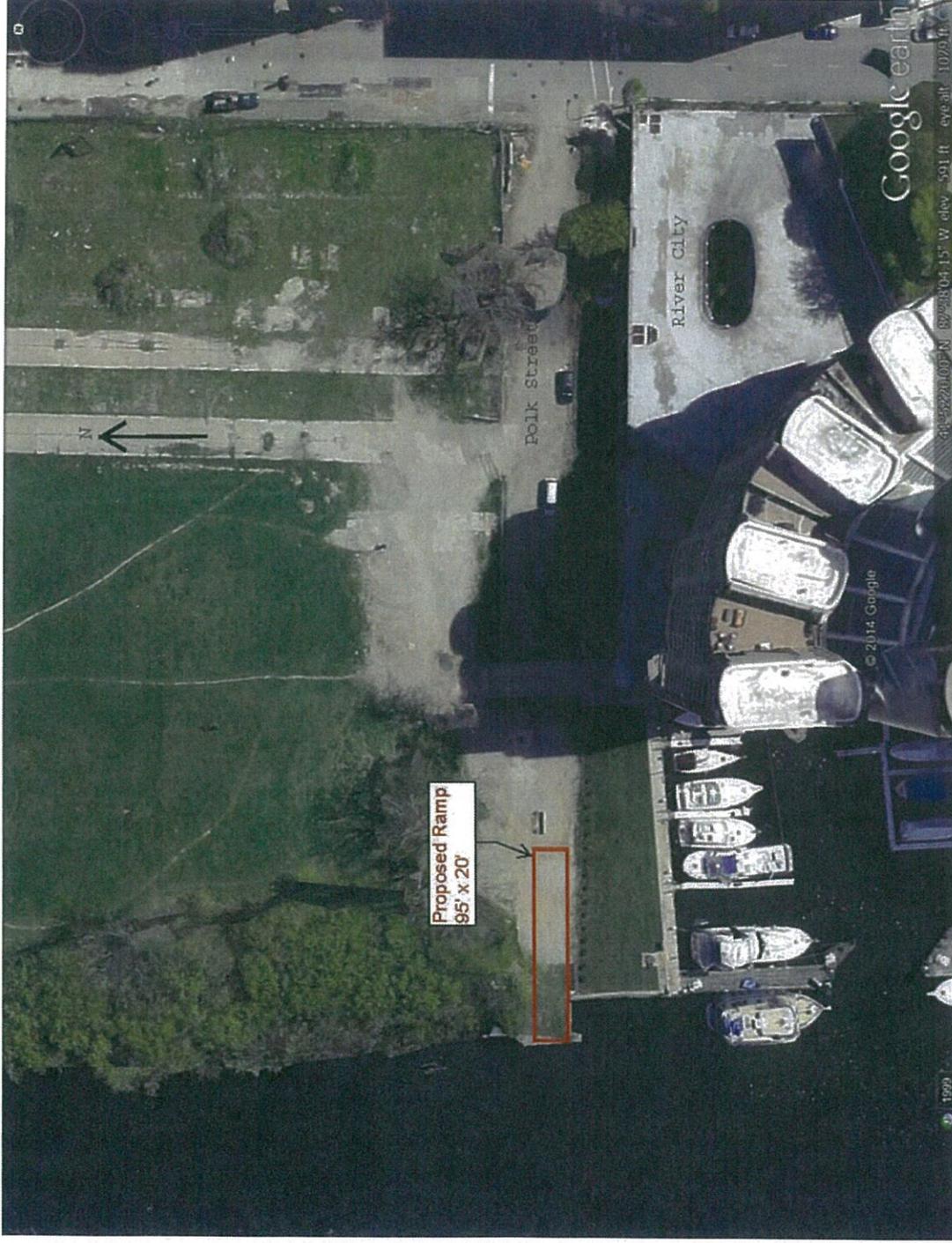
Prepared By:

For:



October 2014

AMPHIBIOUS VEHICLE RAMPS – POLK STREET PHOTO 1



Aerial View



Prepared By:



For:

October 2014

AMPHIBIOUS VEHICLE RAMPS – POLK STREET PHOTO 2



Aerial View Close



Prepared By:



For:

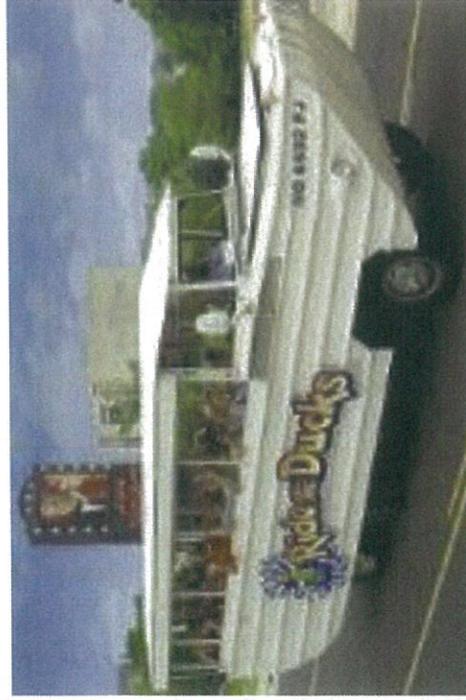
October 2014

AMPHIBIOUS VEHICLE RAMPS – POLK STREET PHOTO 3

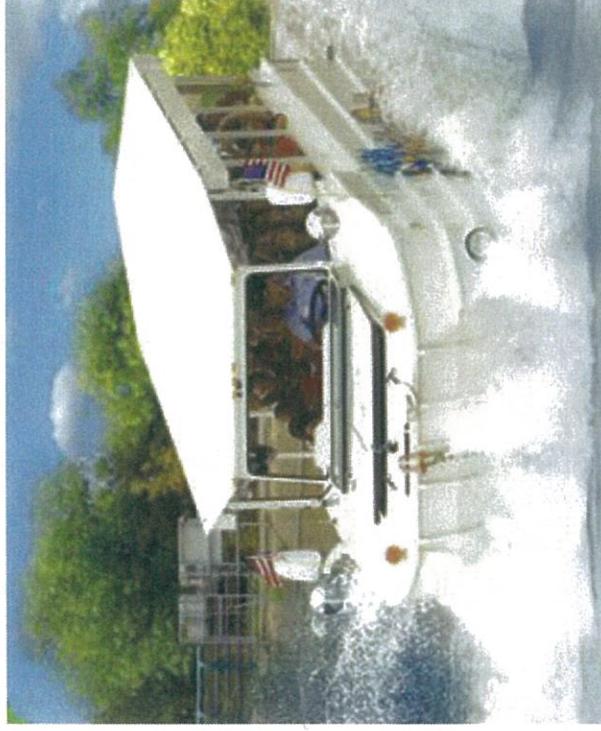


Looking West

AMPHIBIOUS VEHICLE RAMPS – DUCKS PHOTOS



Duck on Land



Duck in Water

Prepared By:



For:



October 2014

APPENDIX E

ENGINEERING PLANS

- CONSTRUCTION SEQUENCE - AMPHIBIOUS VEHICLE RAMP AT MARINA TOWERS**
1. Install turbidity curtain around construction area in marina, from State Street north bridge abutment, along edge of the Main Branch Chicago River and along west edge of construction area in the marina, to existing dock.
 2. Install temporary west platform across the east slip in the marina, supported by existing concrete beams.
 3. Install north end ramp support, anchored to existing dock.
 4. Install two plastic pipe piles of each support, spaced around existing columns. These are adjustable threaded hangers (by height or diameter).
 5. Install temporary south end ramp supports, similar to middle supports.
 6. Assemble framing in place horizontally, in a level plane at dock level.
 7. Place precast concrete deck slabs on framing and make connections, removing temporary work platform section by section.
 8. Lower ramp into place, using threaded hangers.
 9. Connect low end (south end) of ramp to existing structure under water. Work to be performed by divers.
 10. Remove temporary south end supports.
 11. Remove turbidity curtain.

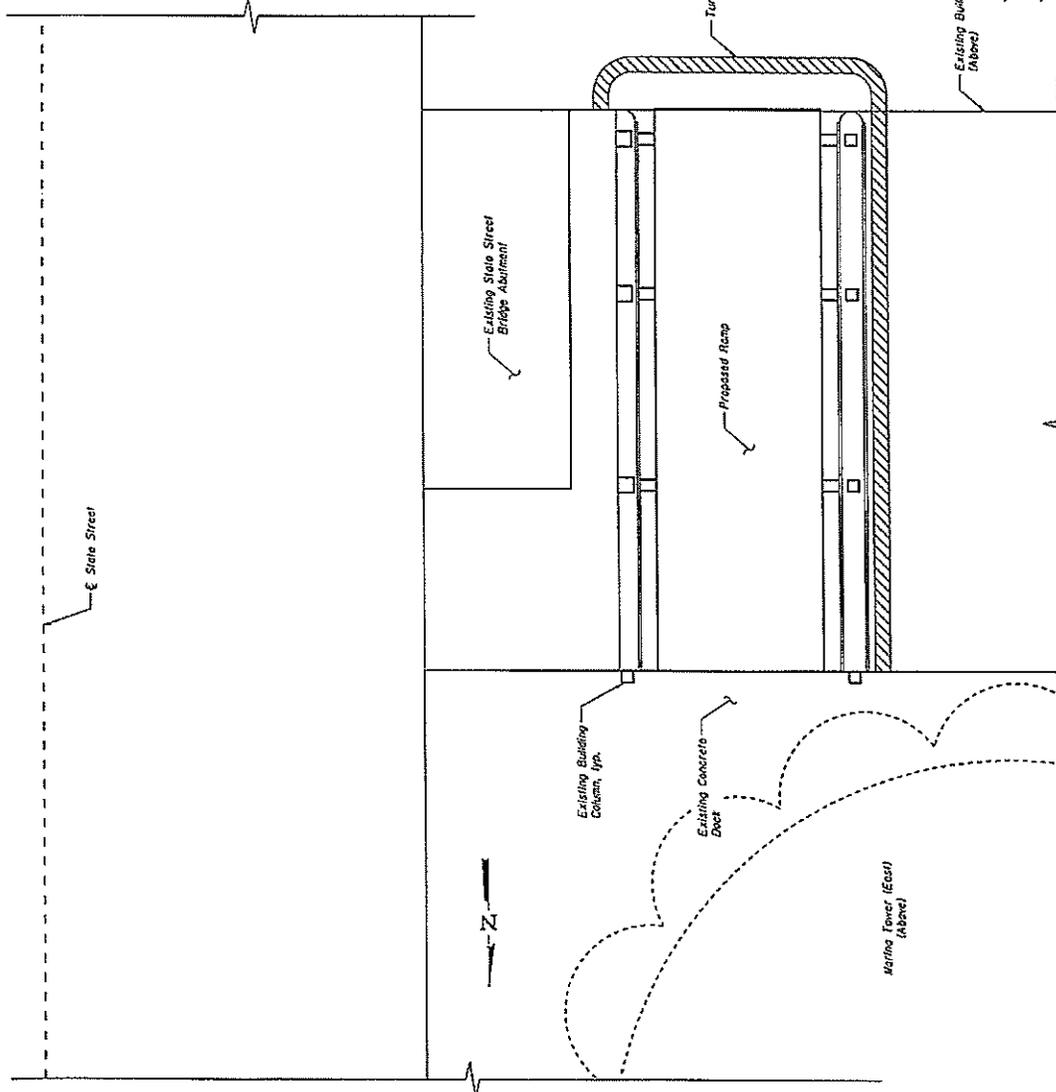
SYMBOLS AND ABBREVIATIONS



Turbidity Curtain



NOTE:
The turbidity curtain shall be installed as required for the construction period.



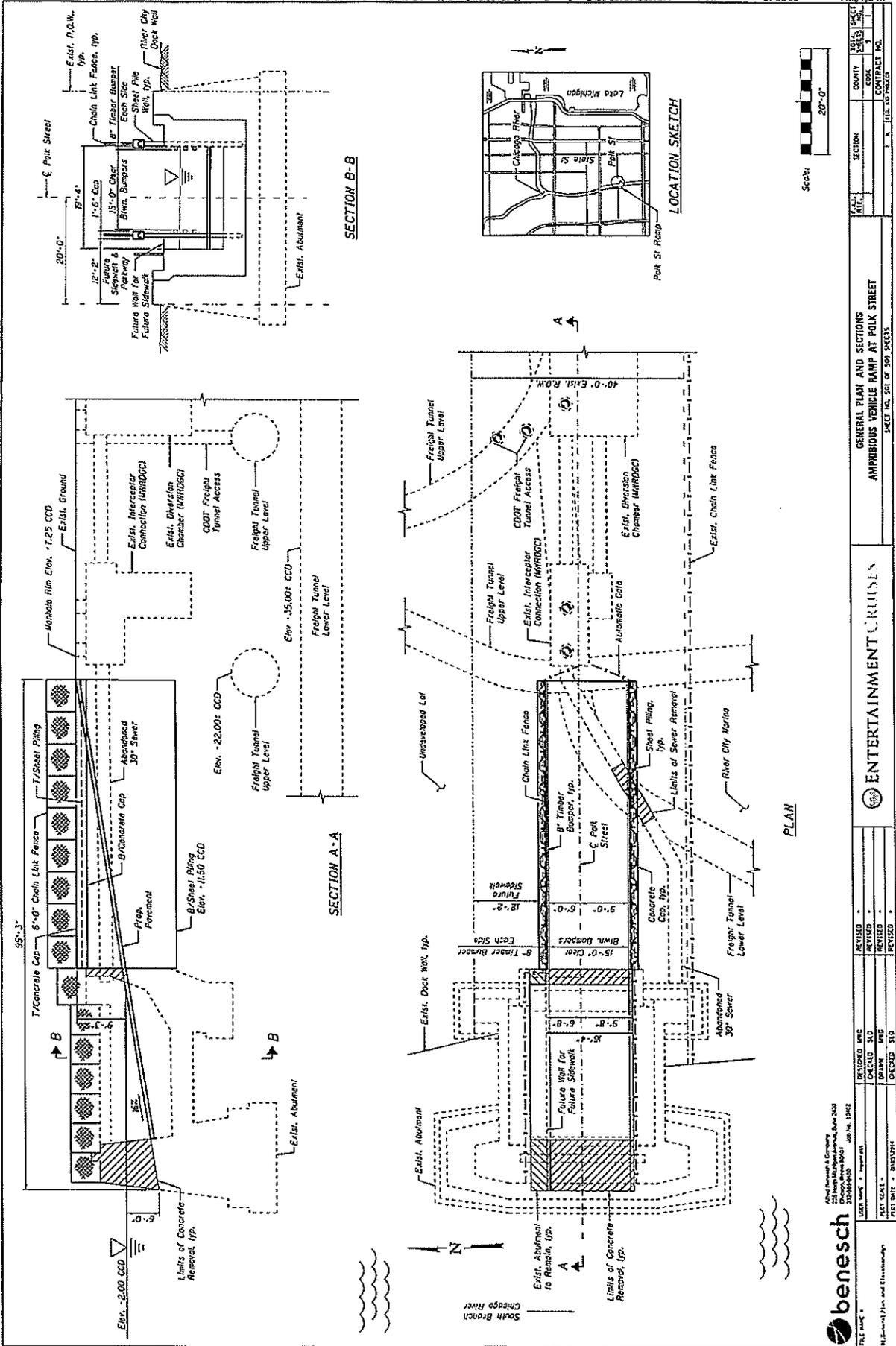
benesch
 Anhe Bauwisk & Company
 203 North Michigan Avenue, Suite 2102
 Chicago, IL 60601-1001 | 312.666.0010 | www.benesch.com

REVISED	DATE	BY	CHKD	APP'D

ENTERTAINMENT CRUISES

**SOIL EROSION AND SEDIMENT CONTROL
 AMPHIBIOUS VEHICLE RAMP AT MARINA TOWERS**

DATE: 11/19/2014	SHEET NO. 103 OF 103 SHEETS
PROJECT NO.:	
SECTION:	
COUNTY:	
CITY:	
SCALE:	



		200 North Dearborn Street, Suite 2000 Chicago, IL 60610-3900 312.467.2000 www.benesch.com										
PROJECT: ENTERTAINMENT CRUISES SHEET NO. SEI OF 209 256313	GENERAL PLAN AND SECTIONS AMPHIBIOUS VEHICLE RAMP AT POLK STREET SHEET NO. SEI OF 209 256313	COUNTY: COOK DISTRICT: 14 SECTION: 14.15 SCALE: 1" = 10'-0"	PROJECT NO.: 1105-2014 CONTRACT NO.: 1105-2014-01									
DESIGNED BY: MEC CHECKED BY: JD DRAWN BY: MEC DATE: 08/14/13	REVISIONS: <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td></td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>2</td> <td></td> <td>ISSUED FOR CONSTRUCTION</td> </tr> </table>	NO.	DATE	DESCRIPTION	1		ISSUED FOR PERMITS	2		ISSUED FOR CONSTRUCTION	PROJECT: ENTERTAINMENT CRUISES SHEET NO. SEI OF 209 256313	PROJECT NO.: 1105-2014 CONTRACT NO.: 1105-2014-01
NO.	DATE	DESCRIPTION										
1		ISSUED FOR PERMITS										
2		ISSUED FOR CONSTRUCTION										

Chicago River
 South Branch
 Chicago River
 North Branch
 Polk St
 State St
 Park St
 Lake Michigan

APPENDIX F

USFWS ENDANGERED SPECIES DOCUMENTATION



Endangered Species

Midwest

S7 Consultation Technical Assistance Decision Process for "No Effect" Determinations

Projects within a Developed Area - Step 4

Step 4: "No Effect" Determination and Documentation

Your project will have "no effect" on federally listed species. A "No Effect" determination is appropriate because your project is:

- ✓ within a Developed Area (an area that is already paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping), and
- ✓ is not within or adjacent to any unlandscaped areas that support native vegetation (trees, shrubs, or grasses).

Since your project is not within suitable habitat for listed species, no listed species or designated critical habitat is anticipated to be directly or indirectly affected by this action.

To document your section 7 review and "no effect" determination, we recommend that you print this page (go to File<Print Preview), fill-in the project name and date, attach your species list, and file in your administrative record.

Project Name: AMPHIBIOUS VEHICLE RAMPS

Date: OCTOBER 27, 2014

B246
USFWS: No Effect Determination Projects

APPENDIX G

IDNR EcoCAT DOCUMENTATION



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

October 30, 2014

Sara Davis
Alfred Benesch & Company
205 N Michigan Ave
Suite 2400
Chicago, IL 60601

RE: Amphibious Ramp at Marina Towers
Project Number(s): 1505480 [1505478]
County: Cook

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Karen Miller
Division of Ecosystems and Environment
217-785-5500

Applicant: Alfred Benesch & Company
Contact: Sara Davis
Address: 205 N Michigan Ave
Suite 2400
Chicago, IL 60601

IDNR Project Number: 1505480
Date: 10/11/2014
Alternate Number: 1505478

Project: Amphibious Ramp at Marina Towers
Address: 300 N State St, Chicago

Description: Entertainment Cruises to construct a boat ramp within the Marina Towers marina. Nothing permanent will be constructed outside the Marina Towers property. No disturbance of the riverbed is planned.

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Peregrine Falcon (*Falco peregrinus*)
Peregrine Falcon (*Falco peregrinus*)
Peregrine Falcon (*Falco peregrinus*)
Peregrine Falcon (*Falco peregrinus*)
Peregrine Falcon (*Falco peregrinus*)

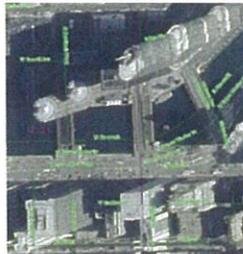
An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

Township, Range, Section:
39N, 14E, 9



**IL Department of Natural Resources
Contact**
Keith Shank
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction
Illinois Environmental Protection Agency,
Permit Section, Facility Evaluation Unit
1021 N Grand Ave East
P.O. Box 19276
Springfield, Illinois 62794 -9276

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

Applicant: Alfred Benesch & Company
Contact: Sara Davis
Address: 205 N Michigan Ave
Suite 2400
Chicago, IL 60601

IDNR Project Number: 1505481
Date: 10/11/2014
Alternate Number: 1505479

Project: Amphibious Vehicle Ramp at Polk Street
Address: 240 W Polk St, Chicago

Description: Entertainment Cruises to construct a boat ramp at Polk Street on the east bank of the South Branch Chicago River, including modification of existing abutment of former bascule bridge. Installation and removal of a temporary bulkhead to perform work in dry will require some work by divers. No work in the navigable channel and no dredging or depositing any debris in the river is planned.

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Banded Killifish (*Fundulus diaphanus*)
Peregrine Falcon (*Falco peregrinus*)
Peregrine Falcon (*Falco peregrinus*)

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

Township, Range, Section:
39N, 14E, 16



IL Department of Natural Resources
Contact
Karen Miller
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction
IL Environmental Protection Agency
Permit Section, Facility Evaluation Unit
1021 N Grand Ave East
Springfield, Illinois 62794

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

APPENDIX H

HISTORIC PRESERVATION DOCUMENTATION



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, IL 60601-5927
www.benesch.com
P 312-565-0450
F 312-565-2497

October 29, 2014

Ms. Anne E. Haaker
Deputy State Historic Preservation Officer
Preservation Services Division
Illinois Historic Preservation Agency
1 Old State Capitol Plaza
Springfield, IL 62701

**Subject: Request for Review of Compliance - Section 106
Amphibious Vehicle Ramps Project**

Dear Ms. Haaker:

This is a request for review to confirm that the subject project is in compliance with Section 106 of the National Historic Preservation Act of 1966, as amended. This is for review under Federal law. We are applying for Section 404 permit authorization from the USACE and a statement regarding the presence or absence of Historic Properties at the project sites is required.

The project consists of construction of two amphibious vehicle ramps on the Chicago River, to make possible a "Ride the Ducks" (amphibious vehicles) tour in Chicago. The owner and operator of the tour is Entertainment Cruises. A more complete description of the project is enclosed.

The vicinities of the proposed Amphibious Ramps at Marina Towers and at Polk Street were searched using the Historic Architectural/Archaeological Geographic Information System (HARGIS). No historic properties or historic districts were found at or adjacent to the proposed sites of the project. Print-outs of the HARGIS maps with the proposed ramp sites superimposed are enclosed.

The Marina Towers ramp will be constructed within the Marina Towers marina structure, without altering the existing structure. The structure (then called Marina City) was built in 1962-63. The structure is not listed in the NHR, although it is well-known.

No structure exists at the Polk Street ramp site, in the currently unused and unpaved Polk Street right of way, at the east bank of the South Branch Chicago River. Part of the east abutment of the former Polk Street Bridge remains, at and below grade, and will be modified to support part of the ramp. The bridge was removed in 1972 and CDOT has no plans to replace it. The site area is less than 0.1 acre.

We have concluded that the construction of the Amphibious Ramps at Marina Towers and Polk Street will have no effect on any historic property or historic district. Please review and confirm this conclusion.

Documents providing the following information are enclosed for your review:

- Project Description
- Funding, Licensing or Permitting Agencies
- Project Location
- Plans
- Photographs
- Print-outs of Hargis maps with the ramps superimposed

If you need any additional information, please do not hesitate to contact me. Alfred Benesch & Company is the authorized representative of Entertainment Cruises for the permitting process of this project.

Sincerely,

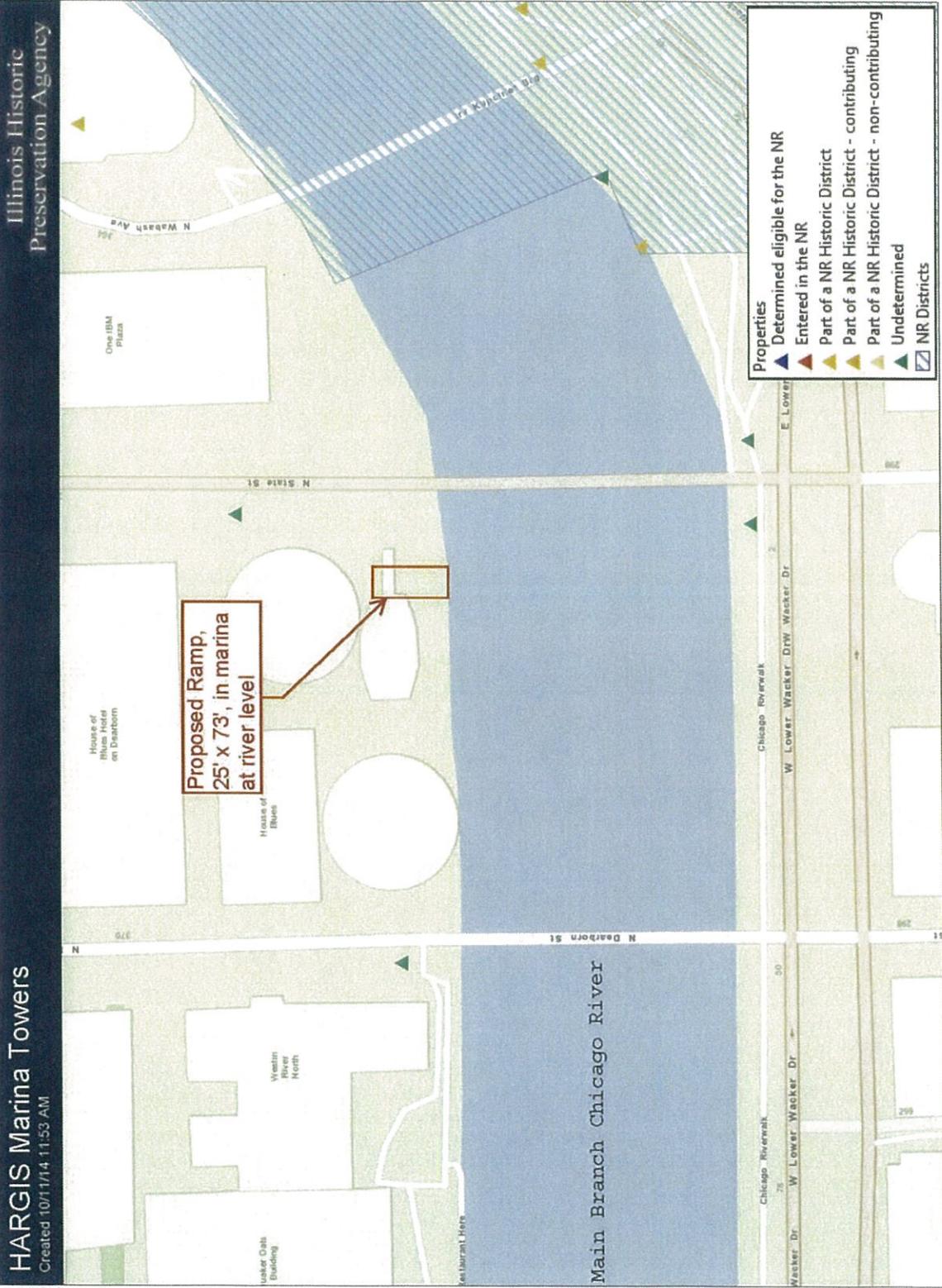


Sara L. Davis, P.E., S.E.
Project Manager

Enclosures

Cc: Mr. Michael J. Murphy, U.S. Army Corps of Engineers

Amphibious Vehicle Ramps – No Impact on Structures at Marina Towers



Illinois Historic Preservation Agency

HARGIS Marina Towers
Created 10/11/14 11:53 AM

Copyright 2012 IHPA

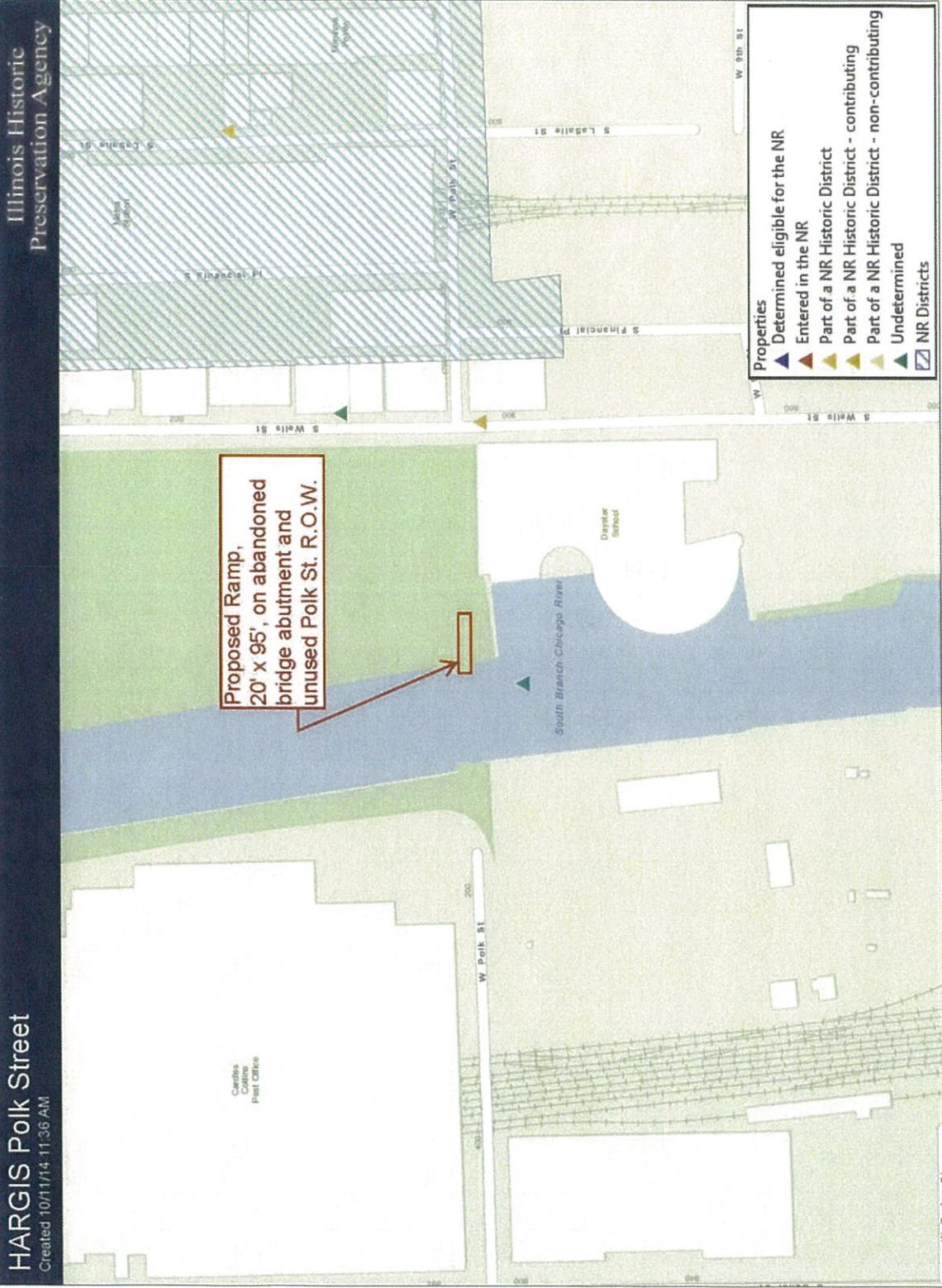


For:

October 2014

Prepared By:

Amphibious Vehicle Ramps – No Impact on Structures at Polk Street



Prepared By:



For:



October 2014

APPENDIX J

PROJECT SCHEDULE

**Entertainment Cruises
Amphibious Vehicle Ramps
Marina Towers and Polk Street
Chicago, Illinois**

Draft Schedule - Phase II Design through Construction

Activity	Estimated Duration	2014												2015																										
		Aug. 18	Aug. 25	Sept. 1	Sept. 8	Sept. 15	Sept. 22	Sept. 29	Oct. 6	Oct. 13	Oct. 20	Oct. 27	Nov. 3	Nov. 10	Nov. 17	Nov. 24	Dec. 1	Dec. 8	Dec. 15	Dec. 22	Dec. 29	Jan. 5	Jan. 12	Jan. 19	Jan. 26	Feb. 2	Feb. 9	Feb. 16	Feb. 23	Mar. 2	Mar. 9	Mar. 16	Mar. 23	Mar. 30	Apr. 6	Apr. 13	Apr. 20	Apr. 27	May 4	May 11
Design	10 weeks	Design work: final plans, specifications, cost estimates and coordination w/ Marina Towers & City																																						
Permits	26 weeks	Obtain permits from: Army Corps of Engineers, Coast Guard, Illinois EPA, Illinois DNR, City Building Department, City Office of Underground Construction and others																																						
Selection of Contractor	3 weeks	Select Contractor*																																						
Contractor Preparation	6 weeks	Contractor mobilization, procurement, shop drawings *																																						
Construction	12 weeks	Fabrication (steel elements) and on-site construction																																						

Notes: * Selection of a Contractor before permits are finalized would be beneficial provided that the Contractor is willing to proceed at their own risk on Contractor Preparation activities prior to a Notice to Proceed on Construction.

APPENDIX K

LIST OF AGENCY AUTHORIZATIONS

AMPHIBIOUS VEHICLE RAMPS

LIST OF APPROVALS OR CERTIFICATIONS AND DENIALS

Issuing Agency	Type of Approval	Identification No.	Date of Application	Date of Approval	Date of Denial
U.S. Army Corp of Engineers	Section 10 Letter of Permission				
U.S. Fish and Wildlife Service	S7 No Effect Determination (On-line)		10/27/2014	10/27/2014	
Illinois Department of Environmental Protection	SWPPP				
Illinois Historic Preservation Agency	Section 106		10/29/2014		
IDNR/Illinois Coast Management Program	Federal Consistency Determination				
IDNR/Office of Water Resources	Part 3704 Construction Permit				
IDNR/Division of Ecosystems & Environment	Part 1075 Consultation	A.* 1505480 B.* 1505481	A.* 10/11/2014 B.* 10/11/2014	A.* 10/30/2014	
Chicago Department of Transportation	Harbor Permit				
Chicago Office of Underground Construction	Sheet Piling Sign-off				
Chicago Division of Electrical Operations	Internal Plan Review				
Chicago Department of Buildings	Building Permit				

*A. refers to the Marina Towers location, and B. refers to the Polk Street location.



For:



October 2014