



**US ARMY CORPS  
OF ENGINEERS  
St. Louis District  
Gateway to Excellence**

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# Public Notice

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Reply To:  
U.S. Army Corps of Engineers  
Attn: CEMVS-OD-F  
1222 Spruce Street  
St. Louis, MO 63103-2833

Public Notice No.  
**P-2926**  
Public Notice Date  
**June 18, 2015**

Expiration Date  
**July 8, 2015**

**Postmaster Please Post Conspicuously Until:**

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File Number: 2015-228

Interested parties are hereby notified that an application has been received to conduct activities below the ordinary high water elevation of the Mississippi River to complete dredging, open river disposal, mooring and other actions, as described below and shown on the attachments, to facilitate expansion activities on the Poplar Street Bridge.

**COMMENTS AND ADDITIONAL INFORMATION:** Comments on the described work should reference the U.S. Army Corps of Engineers Public Notice Number shown above, and must reach this office no later than the above expiration date to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers  
ATTN: CEMVS-OD-F (Charles Frerker)  
1222 Spruce Street  
St. Louis, Missouri 63103-2833

**APPLICANT:** Missouri Department of Transportation, c/o Mr. Eric Schroeter, 105 West Capitol Avenue, Jefferson City, Missouri 65102.

**LOCATION:** The Poplar Street Bridge (I-64) spans the Mississippi River between St. Clair County, Illinois and St. Louis, Missouri at approximate Mississippi River Mile 179.2. (See Attachments)

**PROJECT DESCRIPTION:** The existing Poplar Street Bridge and approach bridge are proposed to be widened to the south (downstream side) to accommodate an additional lane of eastbound traffic. The river bridge will be widened by translating the eastbound superstructure to the south and connecting the westbound and eastbound bridges together with a concrete deck infill. The substructures will be modified to accommodate the widened superstructure, but no new foundations will be necessary at the main river piers. The modification of the substructure will require partial demolition of the main river piers. This work will require the contractor to remove minimal portions of the existing piers with hand held pneumatic jack hammers. It is anticipated the contractor will utilize catch platforms or catch barges to prevent deposition of the demolition material from entering the river. A temporary sheet pile bulkhead will be constructed on the Missouri side of the river, immediately downstream of the bridge, to temporarily moor construction vessels. Sheet pile will be driven from the base (riverward side) of Leonor K. Sullivan Drive towards the river for

approximately 250 linear feet. The width of the sheet pile bulkhead will be approximately 50 feet. Approximately 7,448 cubic yards of temporary rock will be placed within the sheet pile bulkhead for added stability to accommodate mooring of construction related barges and work platforms. All rock and sheet pile material will be removed upon project completion and the area restored to pre-project conditions. MoDOT plans to initiate bulkhead construction in March 2016, with an anticipated construction time of approximately 1 month. Dredging will likely be needed to maintain at least 10 feet of mooring depth along the temporary bulkhead. Up to 16,841 cubic yards of river sediment would be dredged parallel to the riverward end of the bulkhead and continue in the upstream and downstream mooring approach area. The anticipated bottom dredge elevation is 369.6 NGVD. The dredge material will be open water discharged parallel and riverward of dredging limits in the thalweg. If dredging is necessary, it will not be allowed between April 15 and June 30 to avoid potential impacts to pallid sturgeon during the prime migration and spawning period. Construction activities would begin in March 2016 and terminate in approximately December 2017. The project purpose is to relieve increasingly severe traffic congestion and decrease traffic crashes at the downtown St. Louis Mississippi River bridge crossing.

**ADDITIONAL INFORMATION:** Additional information may be obtained by contacting Mr. Chris Shulse, MoDOT Senior Environmental Specialist, at 573-526-6678, or Mr. Charles Frerker, Regulatory Project Manager, U.S. Army Corps of Engineers at (314) 331-8583 or at electronic mail address: [charles.f.frerker@usace.army.mil](mailto:charles.f.frerker@usace.army.mil)

**AUTHORITY:** This permit will be processed under the provisions of Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

**WATER QUALITY CERTIFICATION:** By issuance of this public notice, the project plans are considered submitted to the Missouri Department of Natural Resources, Water Pollution Control Program for state certification of the proposed activity in accordance with Section 401 of the Clean Water Act. Written comments concerning possible impacts to waters of Missouri should be addressed to: Water Pollution Control Program, P.O. Box 176, Jefferson City, Missouri 65102-0176, with copy provided to the Corps of Engineers.

**SECTION 404 (b) (1) EVALUATION:** The impact of the activity on the public interest will be evaluated in accordance with the Missouri Department of Natural Resources, Water Pollution Control Program guidelines and the Illinois Environmental Protection Agency's guidelines pursuant to Section 404 (b) (1) of the Clean Water Act.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Request for public hearings shall state, with particularity, the reasons for holding the public hearing.

**ENDANGERED SPECIES:** The proposed project is within range of the endangered Indiana bat (*Myotis sodalis*), gray bat (*Myotis grisescens*), pallid sturgeon (*Scaphirhynchus albus*), least tern (*Sterna antillarum*), pink mucket (*Lampsilis abrupta*), sheepnose (*Plethobasus cyphus*) and the threatened northern long-eared bat (*Myotis septentrionalis*), piping plover (*Charadrius melodus*) and rufa red knot (*Calidris canutus rufa*). A preliminary determination, in compliance with the Endangered Species Act as amended, has been made that the proposed bridge expansion activities are not likely to adversely affect species designated as threatened or endangered, or adversely affect critical habitat. In order to complete our evaluation, comments are hereby solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.



**CULTURAL RESOURCES:** The St. Louis District will evaluate any information provided by the State Historic Preservation Officer and the public in response to this public notice. In addition, issuance of this proposed action would prompt renewal of previously established requirements to avoid and protect a known cultural resource site in vicinity of the project area. Additional reconnaissance surveys of the project area may be required if warranted.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion, and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of these proposed activities. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

In accordance with 33 CFR 325.3, it is presumed that all interested parties and agencies will wish to respond to public notices; therefore, a lack of response will be interpreted as meaning that there is no objection to the proposed project.

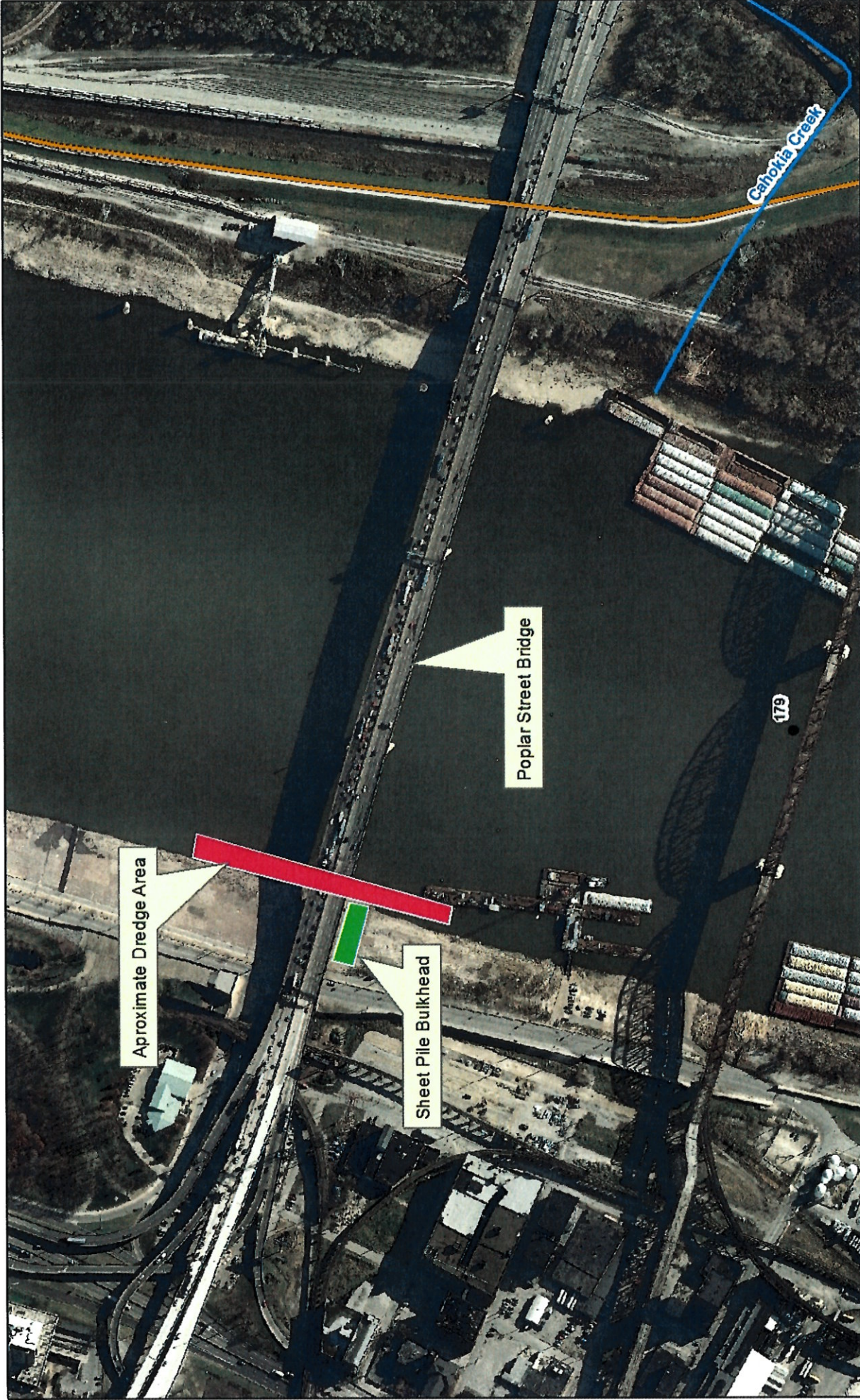
  
Danny D. McClendon  
Chief, Regulatory Branch

Attachments

**NOTICE TO POSTMASTERS:**

It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this notice.





Approximate Dredge Area

Sheet Pile Bulkhead

Poplar Street Bridge

Cahokia Creek

179

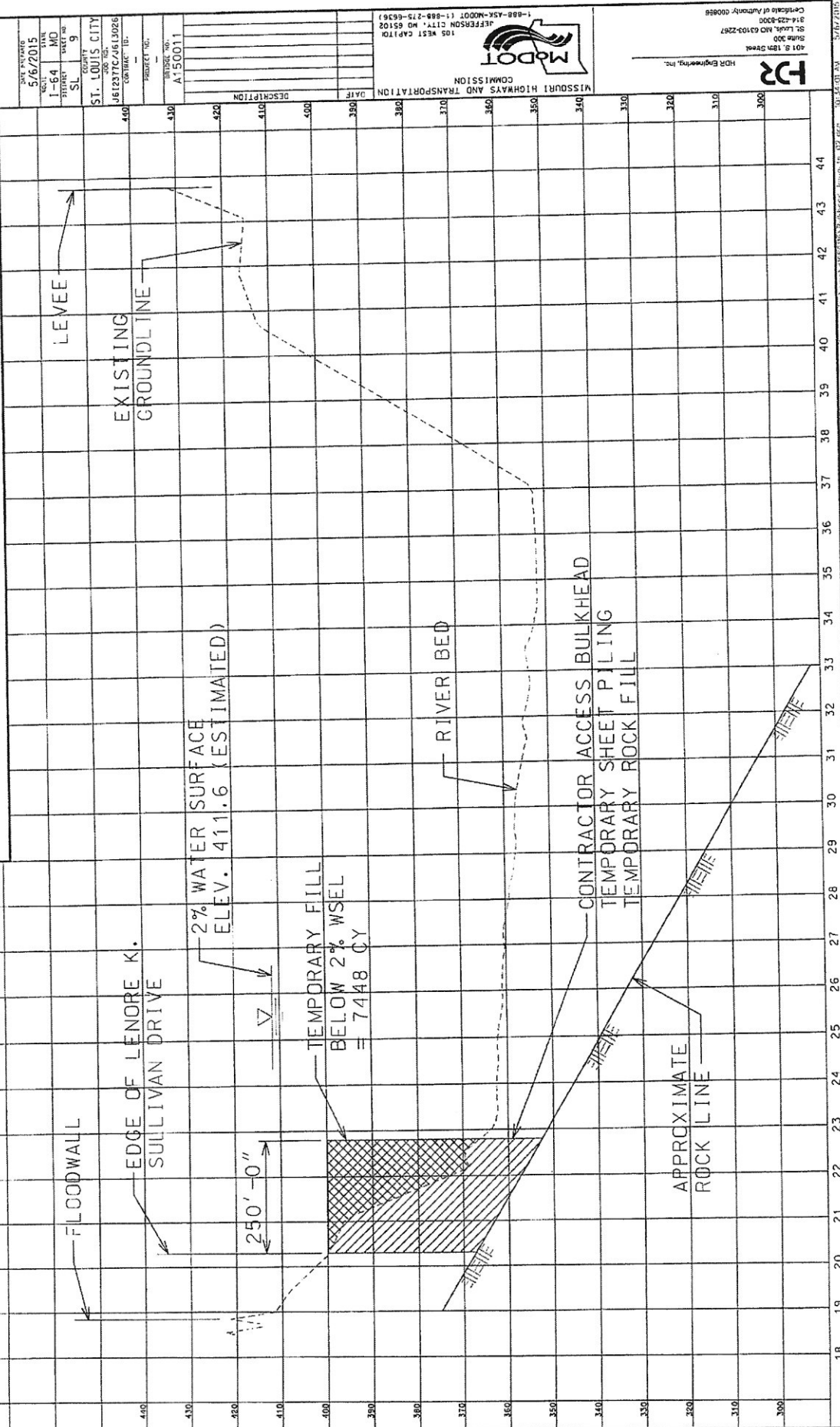
**P-2926 Poplar Street Bridge Expansion**  
**MoDOT**  
**Mississippi River Mile 179.2**





# MISSISSIPPI RIVER BRIDGE AT ST. LOUIS PROFILE OF BULKHEAD IMPACTS

SHEET 2 OF 2



DATE	5/6/2015
BY	MO
SHEET NO.	9
COUNTY	ST. LOUIS CITY
PROJECT NO.	J612372C/A6.13026
CONTRACT NO.	A150011
DESCRIPTION	
DATE	



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-454-MDOT (1-888-275-6363)


HDR Engineering, Inc.  
 401 S. 18th Street  
 Suite 300  
 St. Louis, MO 63103-2267  
 314-622-8300  
 Certificate of Authority: 000858

# MISSISSIPPI RIVER BRIDGE AT ST. LOUIS

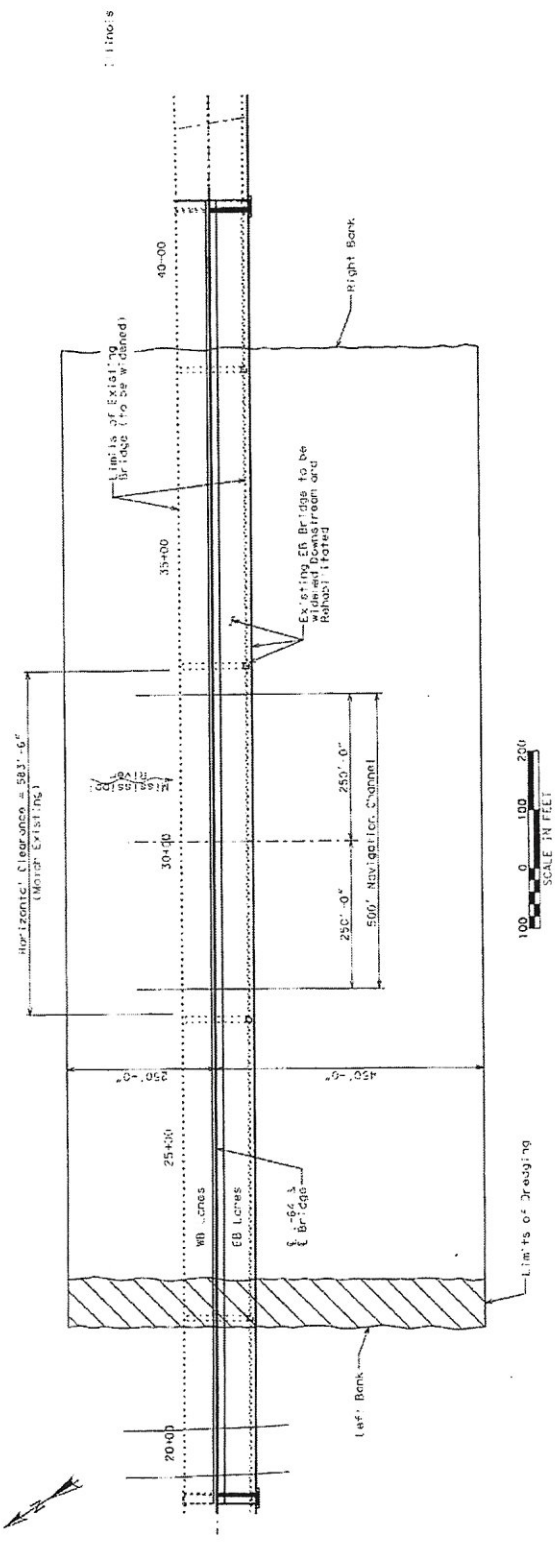
## PLAN OF DREDGING IMPACTS

SHEET 1 OF 22

DATE	5/6/2015
STATE	MO
COUNTY	ST. LOUIS CITY
PROJECT NO.	J61237CJ613026
CONTRACT NO.	A150011
DESCRIPTION	
DATE	


  
 HDR Engineering, Inc.

401 S. 12th Street  
 Suite 300  
 St. Louis, MO 63102-2817  
 Telephone: (314) 455-4000  
 Fax: (314) 455-4000



Dredging Impact Area = 1.3 Acres  
 Initial Dredging Volume = 6,477 Cu. Yds.  
 Maintenance Dredge Volume at 6 Months = 2,531 Cu. Yds.  
 Maintenance Dredge Volume at 12 Months = 2,531 Cu. Yds.  
 Maintenance Dredge Volume at 18 Months = 2,531 Cu. Yds.  
 Maintenance Dredge Volume at 24 Months = 2,531 Cu. Yds.

Low Flow Elevation for Dredging Operation = 375.6  
 Minimum Dredging Depth from Low Flow Elev. = 10'  
 Bottom of Dredge Elev. = 385.6

Notes: Elev. Elevation based on zero gage height.