



**US Army Corps
of Engineers**
Louisville District ®

Public Notice

Public Notice No.
LRL-1995-1739-b-mad

Open Date:
30 Dec 2014

Close Date:
29 Jan 2015

Please address all comments and inquiries to:
U.S. Army Corps of Engineers, Louisville District
ATTN: Mr. Matt Dennis, CELRL-OPF-W, Rm 752
P.O. Box 59
Louisville, Kentucky 40201-0059
lrl.regulatorypubliccomment@usace.army.mil

Phone: 502-315-6689

This notice announces an application submitted for a Department of the Army (DA) Permit, subject to Section 10 of the Rivers and Harbors Act of 1899:

APPLICANT: U.S. Coast Guard, Civil Engineering Unit, Miami
15608 SW 117th AVE
Miami, FL 33177

AGENT: Marine Solutions, Inc.
225 Industry Parkway
Nicholasville, KY 40356

LOCATION: Ohio River Mile 753.7, Left Descending Bank,
Daviness County, KY

Latitude: 37.787222°
Longitude: -87.073889°
7.5 Minute Quad: Owensboro-East

PURPOSE: Installation of a modular floating boom system to deflect debris away from the existing structures to mitigate debris accumulation and associated hazards.

DESCRIPTION OF WORK: The modular floating boom system would consist of an approximately 300 feet long Armorfloat™ Log Boom System supported by an existing 48 inch diameter mooring pile, a new 30 inch diameter guide pile and a new reinforced concrete anchor to be constructed on shore. The anchor and support piles would maintain horizontal support for the system while allowing the boom to rise and fall with fluctuations in river stage. The structure would span approximately 280 linear feet along the left bank of the Ohio River, and would extend approximately 100 feet riverward at normal pool. A plan view and cross-sectional view, of the system is provided in the attachments.

The new 30 inch diameter guide pile would be installed using a floating plant consisting of a barge mounted crane equipped to drive

the pile to the required tip elevation. Installation of the reinforced concrete shore anchor would occur above the ordinary high water mark and include a 6-foot riprap apron surrounding all sides. This impact area for the shore anchor would be less than 550 square feet. Designs for these structures are provided in the attachments.

Additional construction activities include the removal and disposal of existing trapped debris and trimming of bank vegetation in the vicinity of the boom alignment. Bank vegetation within 5 feet up and down stream of the boom alignment would be removed to allow unimpeded motion of the diverter along with river stage fluctuations. The impact area of vegetation removal would be 1,500 square feet. The existing trapped debris would be removed by barge mounted equipment and placed into a barge for transportation to an offloading site and subsequent disposal at a solid waste disposal facility.

The Corps will make a determination of appropriate mitigation, upon review of all submitted information.

REVIEW PROCEDURES: A DA Permit cannot be issued if any legally required Federal, State, or local authorization or certification is denied. A DA permit, if otherwise warranted, will not be issued until a State of Kentucky Water Quality Certification or waiver is on file at this office. In order to comply with Section 401 of the Clean Water Act, the applicant must apply for State certification from the Kentucky Energy and Environment Cabinet Division of Water (KDOW).

Copies of this notice are sent to the appropriate Federal and State Fish and Wildlife Agencies. Their views and comments are solicited in accordance with the Fish and Wildlife Coordination Act of 1956. Based on available information, the proposed activity will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. A request for a public hearing must state the specific interest which might be damaged by issuance of the DA Permit.

The National Register of Historic Places has been examined, and it has been determined that there are no properties currently listed on the Register which would be directly affected by the proposed work. If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archaeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetic values, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and in general, the needs and welfare of the public.

The 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 this proposed activity. It is presumed that all interested parties and agencies will wish to respond; therefore, a lack of response will be interpreted as meaning that there is no objection to the proposed project. Any comments received will be considered by the 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 the 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.

Written statements received in this office on or before the closing date will become a part of the official record and will be considered in the determination on this permit request. Any objections which are received during this period will be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. A permit will be granted unless its issuance is found to be contrary to the public interest.

Information pertaining to this application is available for public examination during normal business hours upon prior request. Drawings are available on Louisville District's Internet site at <http://www.lrl.usace.army.mil/Missions /Regulatory.aspx>. All comments regarding this proposal should be addressed to Mr. Matt Dennis, CELRL-OPF-W at the address noted above and should refer to the Public Notice Number LRL-1995-1739-b-mad.

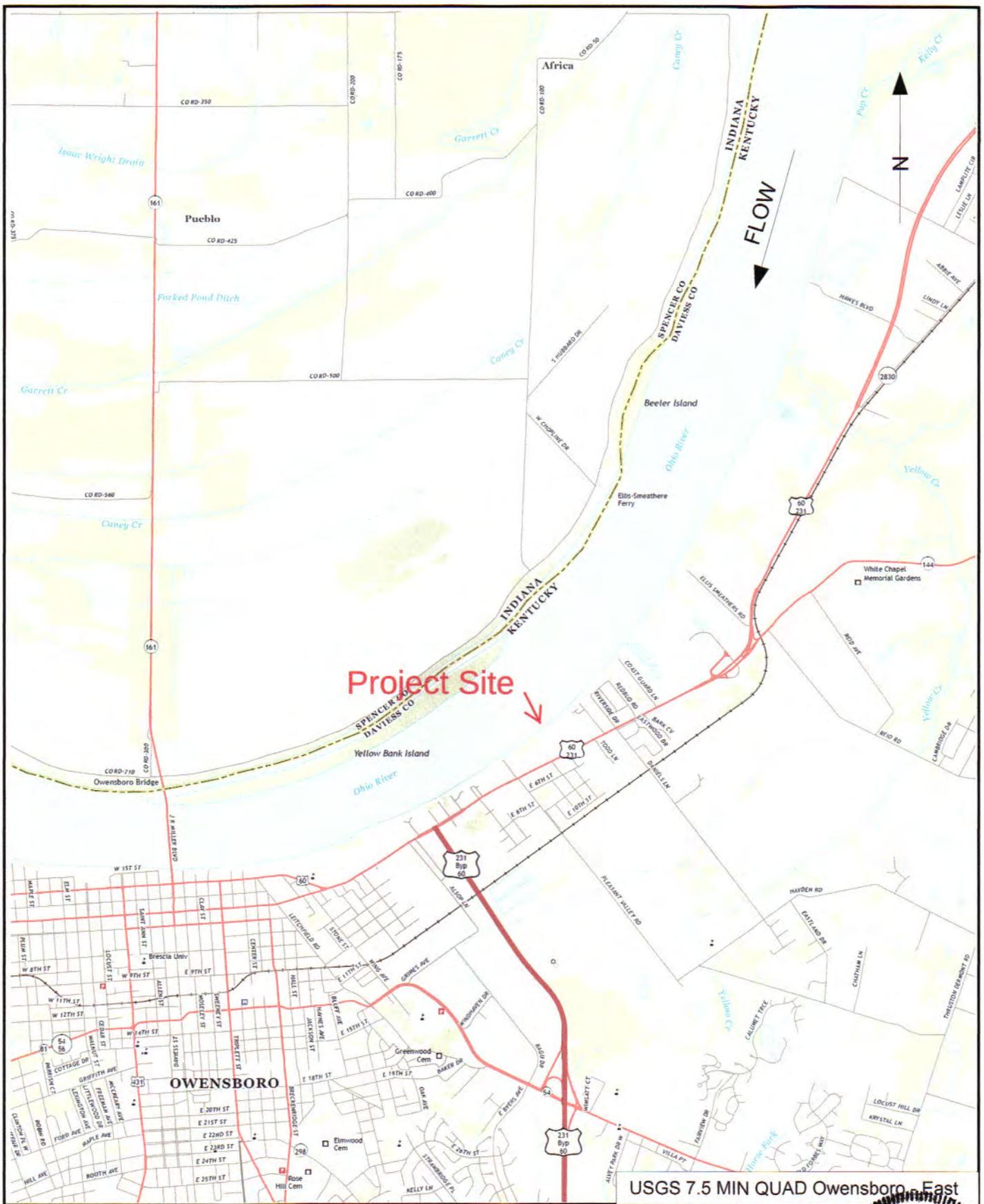
If you desire to submit your comments by email, you must comply with the following:

a) In the subject line of your email, type in **ONLY** the Public Notice ID No. LRL-1995-1739-b-mad.

Example:

Subject: LRL-1995-1739-b-mad

- b) Provide your physical mailing address and telephone number.
- c) Send your email to: lrl.regulatorypubliccomment@usace.army.mil.
- d) If you are sending attachments greater than 1 Mb in size with your email, you must send a hard copy (CD or paper) to the Corps' physical address as well.



USGS 7.5 MIN QUAD Owensboro, East



MSI MARINE SOLUTIONS, INC.
ENGINEERING & COMMERCIAL DIVING SERVICES

GRAPHIC SCALE:
NOT TO SCALE

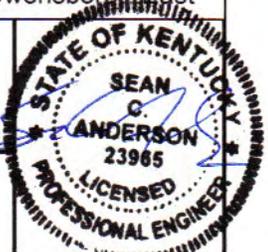
DRAWN BY: **SCA** DATE: **16 DEC 2014**

MSI JOB NO.: **01-14-072**

APPLICANT: **U.S. Coast Guard
Civil Engineering Unit - Miami**

PROJECT: **USCG Cutter Obion
Debris Diverter
Ohio River Mile 753.7
Daviess County, Kentucky**

SHEET: **Vicinity Map**





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SCA

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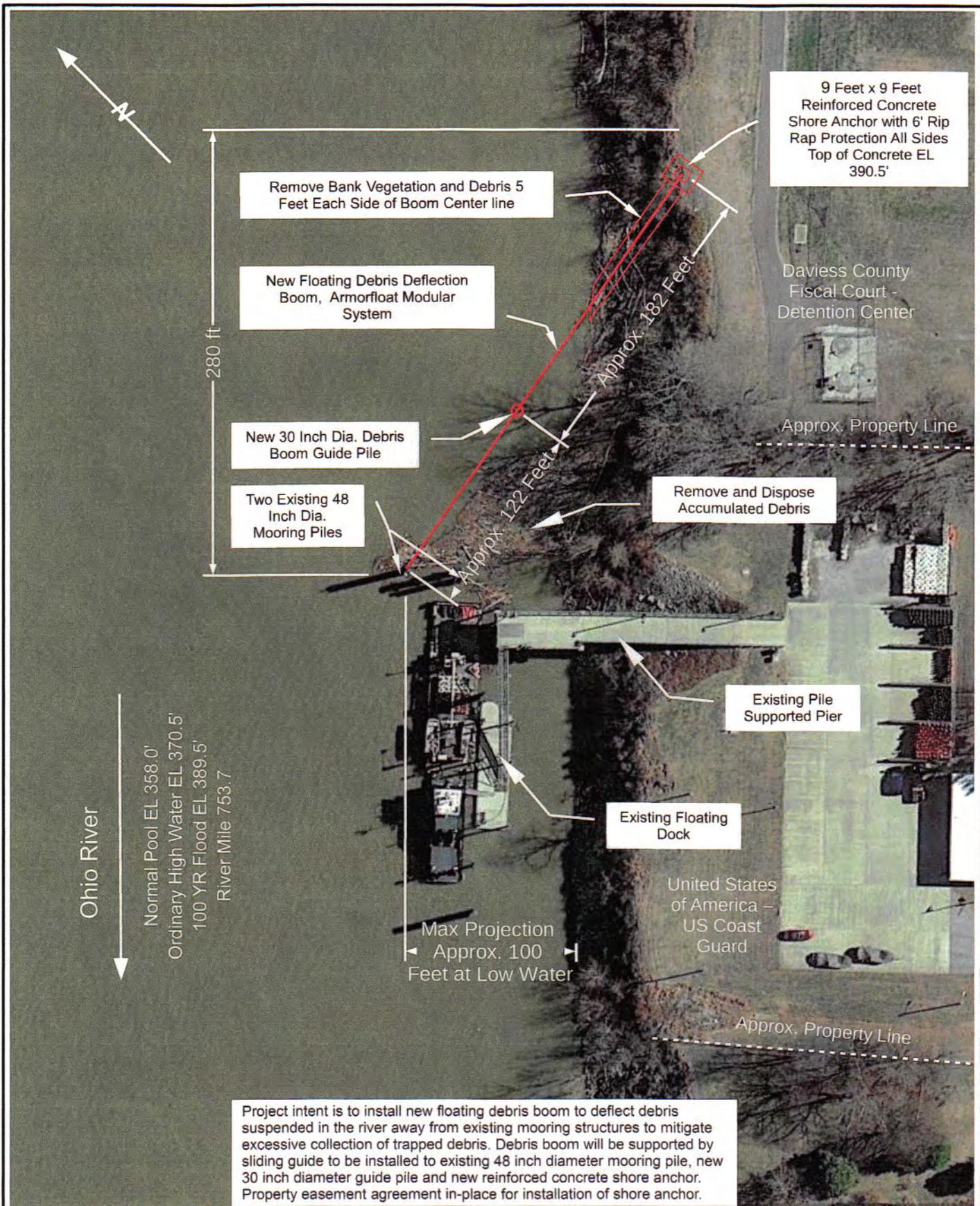
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APPLICANT: U.S. Coast Guard
Civil Engineering Unit - Miami

PROJECT: USCG Cutter Obion
Debris Diverter
Ohio River Mile 753.7
Daviness County, Kentucky

SHEET:
Location Map





Project intent is to install new floating debris boom to deflect debris suspended in the river away from existing mooring structures to mitigate excessive collection of trapped debris. Debris boom will be supported by sliding guide to be installed to existing 48 inch diameter mooring pile, new 30 inch diameter guide pile and new reinforced concrete shore anchor. Property easement agreement in-place for installation of shore anchor.

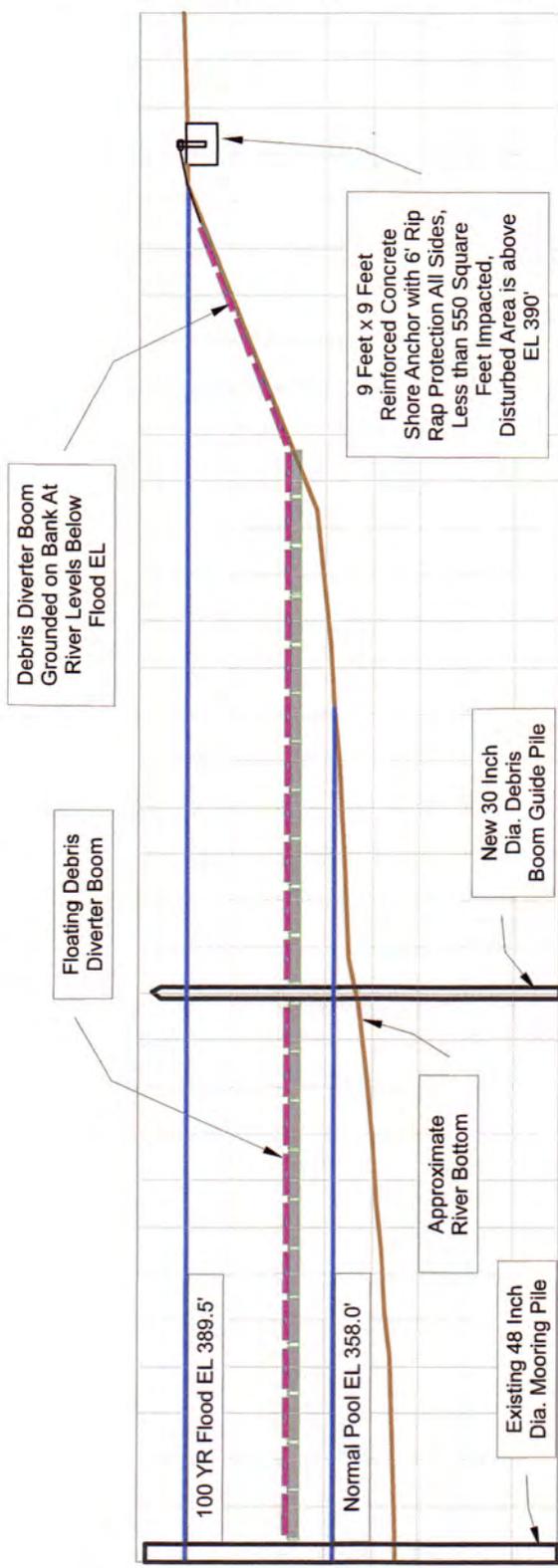


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DRAWN BY: SCA	DATE: 16 DEC 2014
MSI JOB NO.: 01-14-072	
APPLICANT: U.S. Coast Guard Civil Engineering Unit - Miami	

PROJECT: USCG Cutter Obion Debris Diverter Ohio River Mile 753.7 Davies County, Kentucky
SHEET: Debris Boom Plan



400'
380'
360'
340'
320'



Debris Boom Cross Section
(Along Boom Alignment)



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NOT TO SCALE

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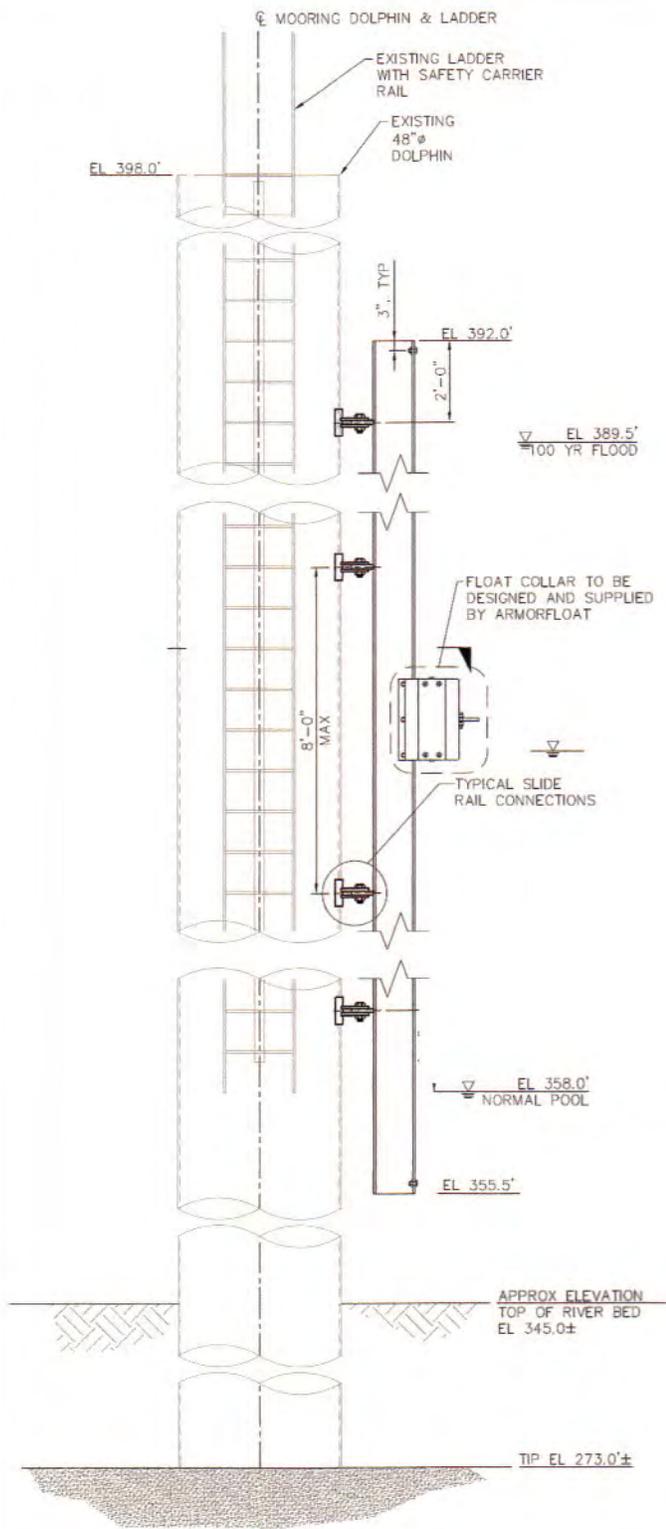
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APPLICANT: U.S. Coast Guard
Civil Engineering Unit - Miami

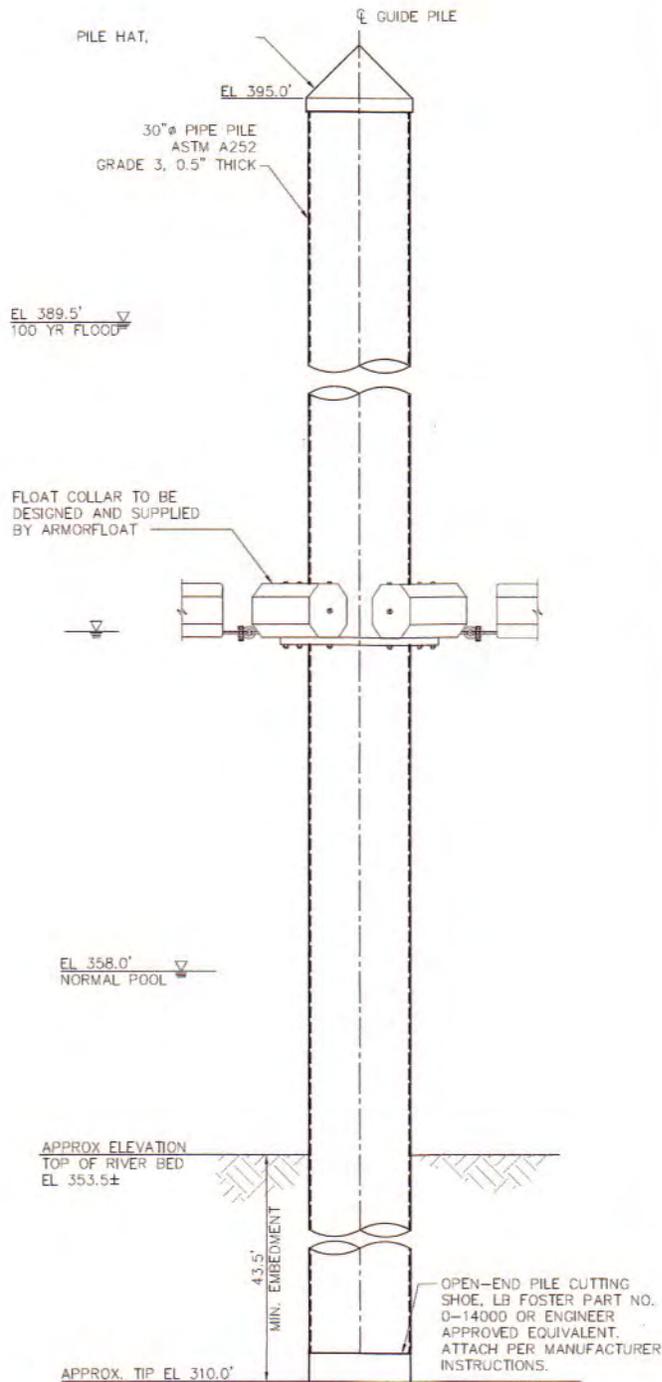
PROJECT: USCG Cutter Obion
Debris Diverter
Ohio River Mile 753.7
Daviess County, Kentucky

SHEET:
**Debris Boom
Cross Section**





EXISTING 48"Ø MONOPILE ELEVATION



GUIDE PILE ELEVATION



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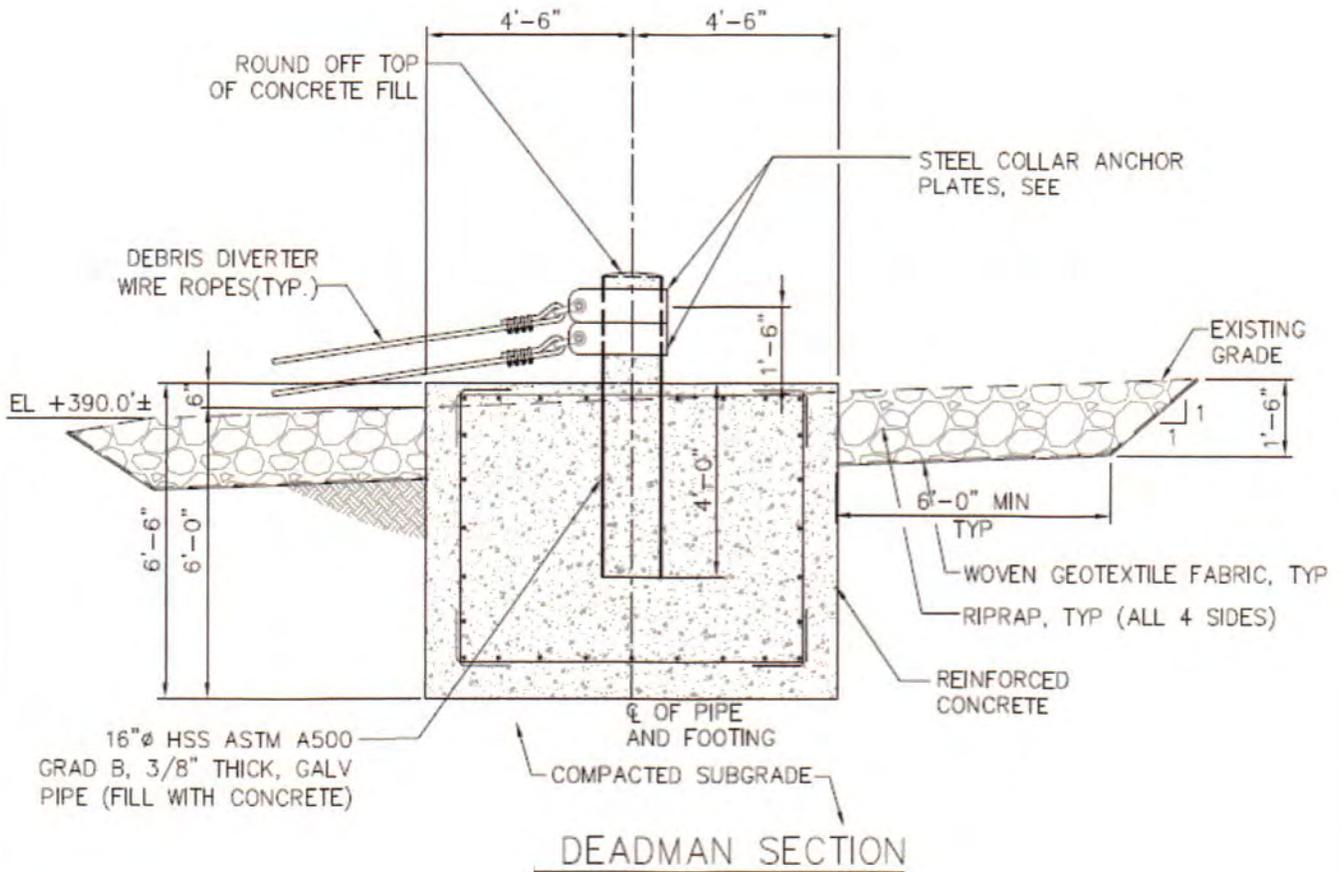
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Civil Engineering Unit - Miami

PROJECT: USCG Cutter Obion
Debris Diverter
Ohio River Mile 753.7
Davies County, Kentucky

SHEET:
**Debris Boom
Pile Detail**





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APPLICANT: U.S. Coast Guard Civil Engineering Unit - Miami	

PROJECT: USCG Cutter Obion Debris Diverter Ohio River Mile 753.7 Daviness County, Kentucky
SHEET: Debris Boom Shore Anchor Detail

