



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, AL 36628-0001

CESAM RD-A
PUBLIC NOTICE NO. SAM-2022-00595-JEB

June 17, 2022

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS AND
STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

REQUEST TO FILL 15,000 sf (0.344-ACRES) OF ERODED MOBILE RIVER BOTTOM
WITH ARMORFLEX EROSION MATTING, MOBILE RIVER, MOBILE, MOBILE COUNTY,
ALABAMA

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army (DA) permit pursuant to 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). Please communicate this information to interested parties.

APPLICANT: Austal-USA
c/o Douglas Boyce
100 Addesco Road
Mobile, Alabama 36602

AGENT: Cowles, Murphy, Glover and Associates
Attention: Mr. Patrick Garstecki
457 St. Michael Street
Mobile, Alabama 36602

LOCATION: The project is located at 195 Dunlap Drive; within Section 0, Township 4 South, Range 1 West; at Latitude 30.691485, Longitude -88.034234; in Mobile, Mobile County, Alabama.

PROJECT PURPOSE: The project purpose is to control river bottom erosion. The matting is being installed to mitigate further erosion of the river bottom in this area ensuring that the bulkhead directly east of this site will not be compromised due to the scouring occurring.

PROPOSED WORK: The applicant is requesting a permit to fill approximately 15,000 sf (0.344 acres) of river bottom in the Mobile River with Contech's Armorflex Erosion Matting. The matting is being installed to mitigate further erosion of the river bottom in this area ensuring that the bulkhead directly east of this area will not be compromised due to the

scouring occurring. All mats will be installed by construction barges on the river. No filling of the river bottom will take place within the Federal Channel and the barges required for construction will not be located within the Federal Channel during construction operations. At this time, the permit drawings indicate underwater backfill material to be installed in the scoured areas prior to the installation of the Armorflex Matting to create a more level area for the placement of the matting. This will help the mats to be more efficient in eliminating further scouring. However, it is possible that this will not be required after the scheduled maintenance dredging project in this area is completed in the fall of 2022. A post-dredge hydrographic survey will confirm if it is required or not at this time. Installation of matting will not occur prior to the scheduled maintenance dredging project. After review of the survey, if the underwater backfill installation is required, approximately 10,000 sf of river bottom will be filled with the underwater backfill material (a maximum of 1,500 cy). After this is completed, the approximate 10,000 sf filled area plus an additional approximate 5,000 sf area (total = 15,000sf) of the Armorflex mats will be installed on the river bottom. No wetlands shall be impacted with this project.

AVOIDANCE AND MINIMIZATION: The applicant has indicated the proposed matting represents minimal impacts necessary to arrest further erosion. The U.S. Army Corps of Engineers (USACE), Mobile District, has not yet verified the adequacy of the applicant's avoidance and minimization efforts at this time.

MITIGATION: The applicant has not proposed mitigation for project impacts. The Mobile District has not yet verified the adequacy of the applicant's proposal at this time.

WATER QUALITY: The applicant has applied for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act, and for a consistency determination regarding Coastal Zone regulations in accordance with the Alabama Coastal Area Management Program. Upon completion of the required advertising and public comment review, a determination relative to Water Quality Certification and Coastal Zone consistency will be made by the ADEM. This notice will serve as the notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act.

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR Part 325, the undertaking defined in this notice is being considered for the potential to affect cultural and historic properties within the permit area. In accordance with Appendix C of 33 CFR Part 325, the Mobile District has determined the permit area consists of the entire undertaking in waters of the United States, which includes the footprint of the jurisdictional fill area that would be disturbed by construction of the project. The National Register of Historic Places has been consulted for properties listed, or eligible for listing, in the National Register, which are known to exist and would be affected by the proposed work. The Mobile District is seeking comments regarding the existence, or the potential for existence, of significant cultural and historic properties within the permit area. Further coordination with the State Historic Preservation Officer and/or federally-recognized American Indian tribes will be performed as determined to be appropriate.

ENDANGERED SPECIES: The USACE, Mobile District's review of the U.S. Department of the Interior's List of Endangered and Threatened Wildlife and Plants indicate the following listed endangered (E) or threatened (T) species have the potential to exist within the Mobile-Tensaw River 12 digit HUC 031602040505 boundary: Florida manatee (E), Wood stork (T), Alabama red belly turtle (E), Eastern indigo snake (T), and Gulf sturgeon (T). There is no designated critical habitat within the project's action area.

Review of this proposed activity for potential effects on the above list of threatened or endangered species has been accomplished by use of species-specific Standard Local Operating Procedures for Endangered Species (SLOPES). The USACE, Mobile District's review has indicated the proposed activity is not likely to adversely affect the Florida manatee or the Gulf sturgeon and will have no effect on all the other above listed species. Details of the proposed activity are being provided to federal and state agencies via this Public Notice for receipt of any relevant comments regarding potential effects of the proposed project on the listed species.

COMMENTS: This public notice is being distributed to all known interested persons to assist in developing facts on which a decision by the U.S. Army Corps of Engineers (USACE) can be based. The USACE is soliciting comments from the public, from federal, state and local agencies and officials, from Indian tribes, and from other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE 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 below. 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. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, 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, 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, and in general, the needs and welfare of the people. Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will also include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Correspondence concerning this notice should refer to Public Notice Number **SAM-2022-00595-JEB**, and should be directed to the project manager, Mr. Eric Buckelew by e-mail at james.e.buckelew@usace.army.mil, or to the U.S. Army Corps of Engineers, Mobile District, Regulatory Division, Attention: Mr. Eric Buckelew, Post Office Box 2288, Mobile, Alabama 36628-0001. Copies of all comments should be furnished to the Alabama Department of Environmental Management at coastal@adem.alabama.gov, or sent to: Alabama Department of Environmental Management, Mobile Branch / Coastal Section, 3664 Dauphin Street, Suite B, Mobile, Alabama 36608 and the Alabama Department of Conservation and Natural Resources, State Lands Division, Coastal Section at www.outdooralabama.com, or sent to: 3115 Five Rivers Boulevard, Spanish Fort, Alabama 36527.

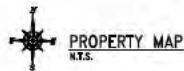
All comments should be received no later than 30 days from the date of this Public Notice. If you have any questions concerning this publication, you may contact Mr. Eric Buckelew by e-mail at james.e.buckelew@usace.army.mil, or (251) 690-3184. Please refer to the above Public Notice Number SAM-2022-00098-CDJ, in any communication concerning this project.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Attachments

AUSTAL USA RIVER BOTTOM EROSION MATTING



DRIVING DIRECTIONS:

1. FROM I-10 IN MOBILE, ALABAMA TAKE EXIT 27 FOR US-90 WEST/COCHRANE CAUSEWAY.
2. TURN NORTHBOUND ON US-90 WEST/COCHRANE CAUSEWAY.
3. IN APPROXIMATELY 0.1 MILES, TURN LEFT ON TO DUNLAP DRIVE.
4. PROCEED APPROX. 0.6 MILES TO ARRIVE AT 195 DUNLAP DRIVE.

DRAWING SCHEDULE:

- 4154-C0 - COVER SHEET
- 4154-C1 - EXISTING SITE PLAN
- 4154-C2 - MATTING LAYOUT PLAN
- 4154-C3 - SECTIONS
- 4154-C4 - CONTECH DETAILS

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				Cowles, Murphy, Glover & Associates <i>A Full Service Engineering Firm</i>		457 St. Michael St., Mobile, AL 36602 13 Thrash Rd., LaGrange, GA 30241 11880 Cranston Dr. Ste 102, Arlington, TN 38002 Alabama (251) 433-1611 Georgia (706) 302-2831 Tennessee (901) 290-5444		PROJECT AUSTAL USA RIVER BOTTOM EROSION MATTING MOBILE, ALABAMA		TITLE COVER SHEET	
REV.	ISSUED FOR REVIEW	DATE	BY	CHK'D	SCALE	AS NOTED	ISSUED BY	DATE	NO.	OF	TOTAL
A		04/27/22	RCC	PLG				04/05/22			A
						28-48	PLG	04/05/22			4154-C0

C:\Users\jglover\OneDrive\Documents\4154\4154-C0.dwg 4/27/22 11:28:42 AM DWG by JGLOV



(47) 7'-0" x 40'-0" ARMOFLEX CLASS B5
MEDIUM MATS (APPROX. 13,000 SF) WITH 2"
WIDE 4-INCHES (24") TRANSITION PLACED
AROUND (3) THREE SECS OF PROJECT AREA.

PROJECT BENCHMARK
TOP OF STEEL BULKHEAD CAP
ELEVATION 5.50 NVD 1929

PROJECT BENCHMARK
TOP OF CONCRETE DOCK
ELEVATION 10.17 NVD 1929

PIERHEAD & BULKHEAD LINE



MATTING LAYOUT PLAN
1'-0"=1'-0"

NOTES:
1. ALL TOPOGRAPHIC DATA AND HYDROGRAPHIC
SOUNDINGS REFERENCE PROJECT BENCHMARKS
AS SHOWN BASED ON NVD 1929 AND WERE
SURVEYED ON AUGUST 19, 2021 BY LAWLER
AND COMPANY.

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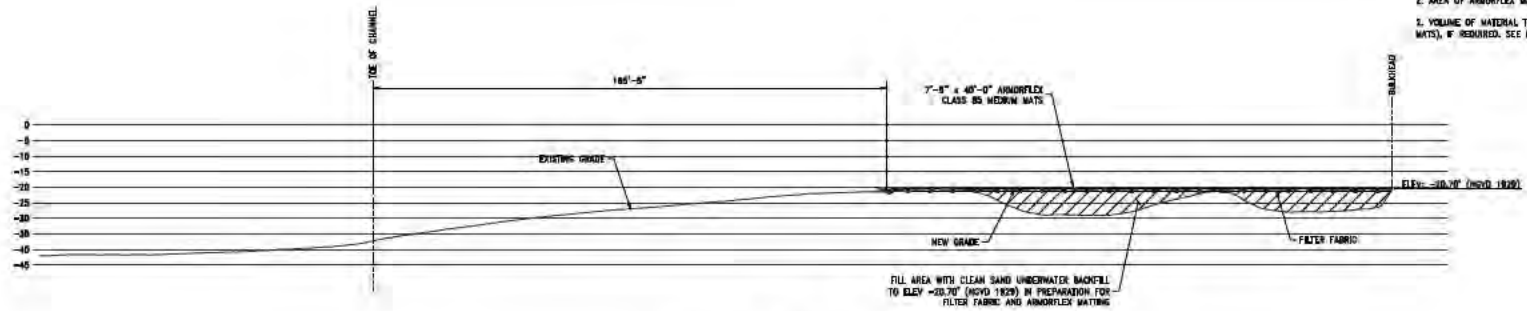
AUSTAL USA
RIVER BOTTOM EROSION MATTING
MOBILE,
ALABAMA

DATE		BY		REVISION	
ISSUED FOR REVIEW	04/22/22	RCC	PLB		
REV.	DESCRIPTION	DATE	BY	CHK'D	
AS NOTED					
REVISION BY					
DATE	04/05/22	REVISION			
DATE	04/05/22	ISSUED FOR REVIEW			
					4154-C2

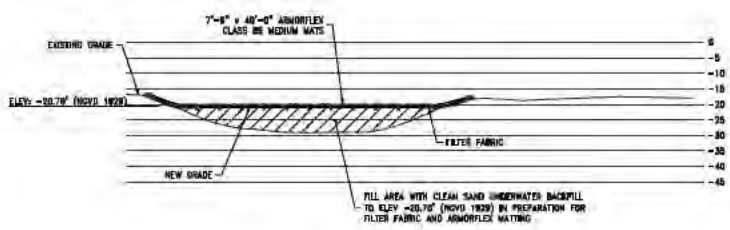
REV.	DESCRIPTION	DATE	BY	CHK'D
A	ISSUED FOR REVIEW	04/22/22	RCC	PLB

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PROJECT NOTES:
 1. AREA IN FILL AREA BELOW ARMORFLEX MATS = ±10,000 S.F.
 2. AREA OF ARMORFLEX MATS TO BE PLACED = ±15,000 S.F.
 3. VOLUME OF MATERIAL TO BE PLACED IN FILL AREA (BELOW ARMORFLEX MATS), IF REQUIRED, SEE NOTE 2 ON DWG. 4154-C1 = ±1,800 C.Y.



SECTION A
 1'-20\"/>



SECTION B
 1'-20\"/>

NOTES:
 1. ALL TOPOGRAPHIC DATA AND HYDROGRAPHIC SOUNDINGS REFERENCE PROJECT BENCHMARKS AS SHOWN BASED ON NAVD 1989 AND WERE SURVEYED ON AUGUST 19, 2021 BY LAWLER AND COMPANY.

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REV.	DESCRIPTION	DATE	BY	CHK'D
A	ISSUED FOR REVIEW	04/27/22	RCC	PLB

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PERFORMANCE • RELIABILITY • EXPERIENCE

PROJECT: **AUSTAL USA
 RIVER BOTTOM EROSION MATTING**

MOBILE,
 ALABAMA

SCALE		DATE		REV.	
AS NOTED	ISSUED BY RCC	04/05/22	NO. OF	A	
20'-0"	DESIGNED BY PLB	04/05/22	SHEET NUMBER	4154-C3	

