

**U.S. Army Corps
of Engineers**
Pittsburgh District

Public Notice

In Reply Refer to
Notice No. below

US Army Corps of Engineers, Pittsburgh District
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Application No. LRP-2000-224

Date: September 9, 2021

Notice No. 21-39

Closing Date: October 10, 2021

1. TO ALL WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 10 of the Rivers and Harbors Act of 1899.
2. APPLICANT: Cardinal Operating Company
c/o Thomas Alban
6677 Busch Boulevard
Columbus, OH 43229
3. LOCATION: The project is located at the Cardinal Power Plant along the right descending bank of the Ohio River between River Miles 76.0 and 77.0 in Brilliant, Jefferson County, Ohio (40.247564, -80.648104).
4. PURPOSE AND DESCRIPTION OF WORK: The applicant proposes to perform maintenance dredging, as necessary, for a period of 10 years, to remove accumulated sediment from the Cardinal Operating Company Generating Station. The dredging is proposed at the Cardinal Power Plant's ice breakers which are located south of River Mile 76.0 to the half cell which is located south of River Mile 77.0. More specifically, the dredging is proposed near Units 1, 2 and 3 intake, barge unloading, short cells, and E-Crane areas. The proposed dredging area is 7,575 feet long, ranging up to 200 feet wide, to an average depth of 16 feet below normal pool elevation (644.0 feet). The dredging material will be disposed of at an approved disposal site. The application covers the same dredging area that was covered under the previously approved dredging permit. Drawings of the proposed project area are attached to this notice.
5. WATER QUALITY CERTIFICATION: A Permit will not be granted until Water Quality Certification is received or waived from:

Ohio Environmental Protection Agency (Ohio EPA)
Section 401 Coordinator
PO Box 1049
Columbus, Ohio 43266-0149
Telephone Number: 614-644-2001

6. IMPACT ON NATURAL RESOURCES: The District Engineer has consulted the most recently available information and has determined that the project may affect, but is not likely to adversely affect endangered species or threatened species, or result in destruction or adverse modification of habitat of such species which has been determined to be critical. This Public Notice serves as a request to the U.S. Fish and Wildlife Service for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended). If the U.S. Fish and Wildlife Service concurs with the may affect, not likely to adversely affect determination please respond with written concurrence (TAILS#03E1500-2012-TA-0011).

7. IMPACT ON CULTURAL RESOURCES: The National Register of Historic Places has been consulted, 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 archeological, 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).

8. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

9. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. 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 proposals 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, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

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. 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 overall public interest of the proposed activity.

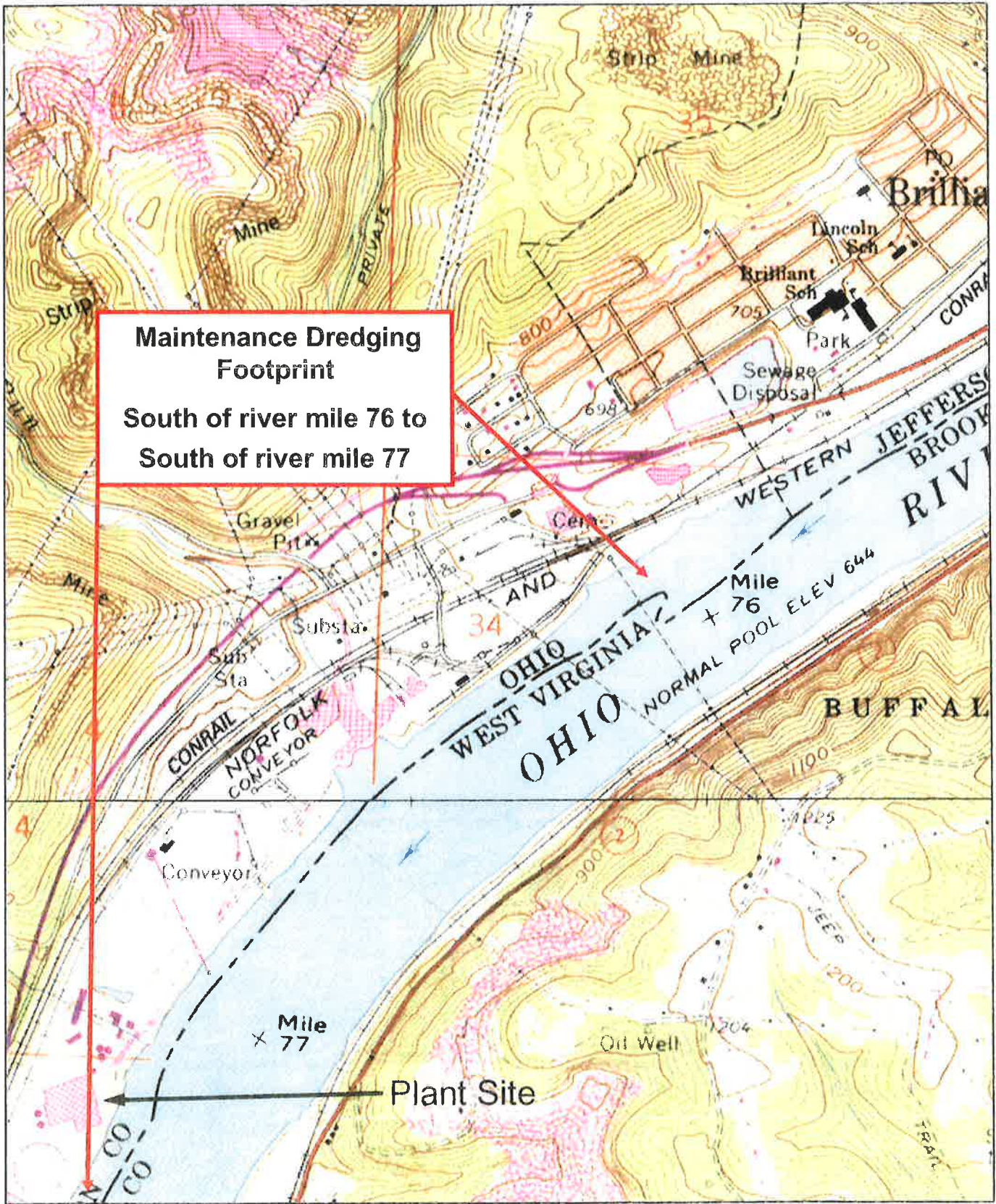
10. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. Public comments may be subject to release under the Freedom of Information Act (FOIA). All responses to this notice should be directed to the Regulatory Division, attn Kristina M. Tarasan at the above address, by telephoning (412) 395-7153 or by e-mail at Kristina.M.Tarasan@usace.army.mil. Please refer to CELRP-RG 2000-224 in all responses.

FOR THE DISTRICT ENGINEER:

//SIGNED//

By Tyler J. Bintrim for:

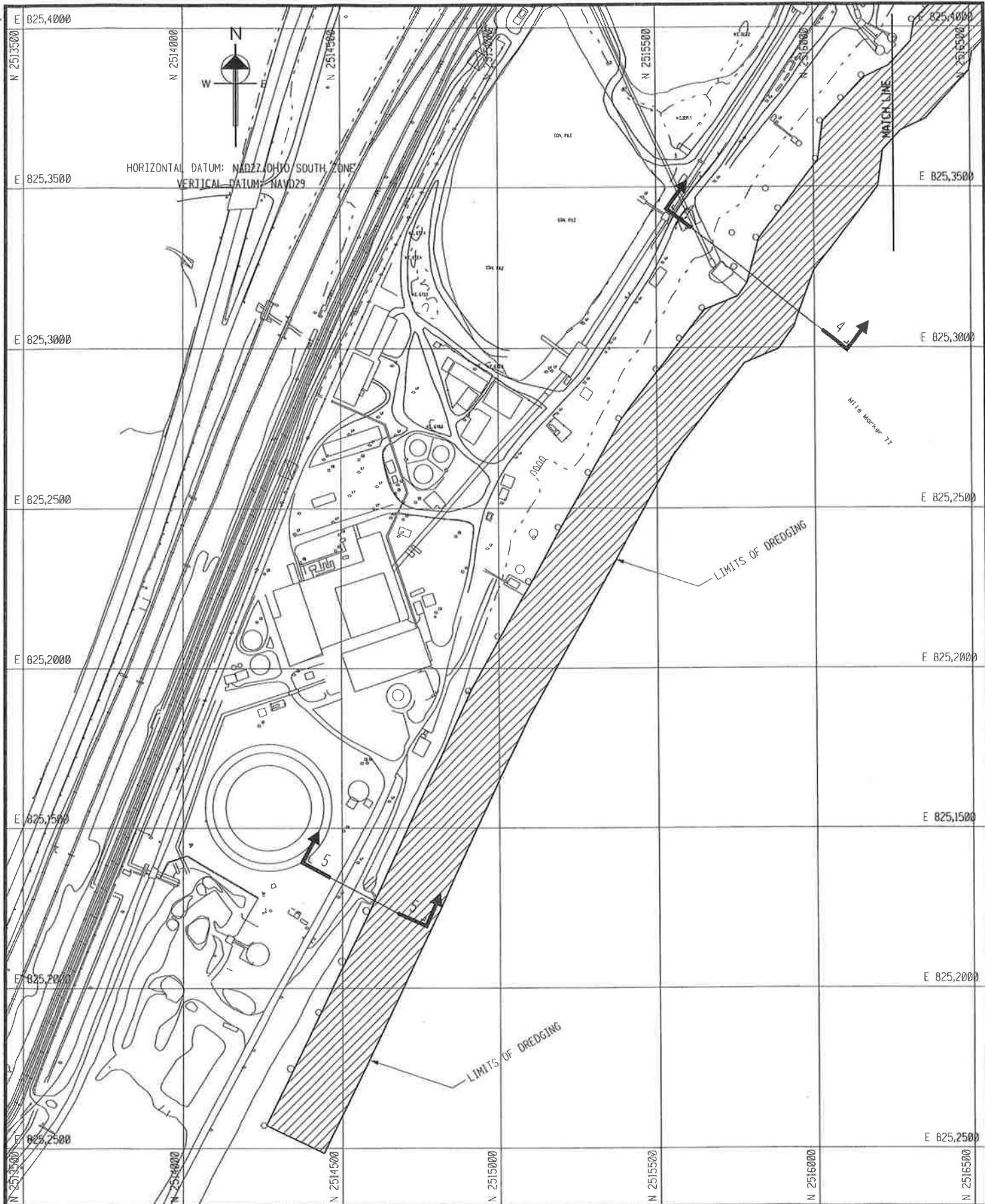
Scott A. Hans
Chief, Regulatory Division



Steubenville West / Tiltonsville,
 Ohio-W.Va Quadrangle
 USGS Topographic Map
 Brilliant, OH

Cardinal Plant
 Maintenance Dredging
 Location Map

Water & Ecological
 Resource Services **AEP**



DRN BY: *Amanda Graphics*

DATE:

SCALE: 1" = 40'

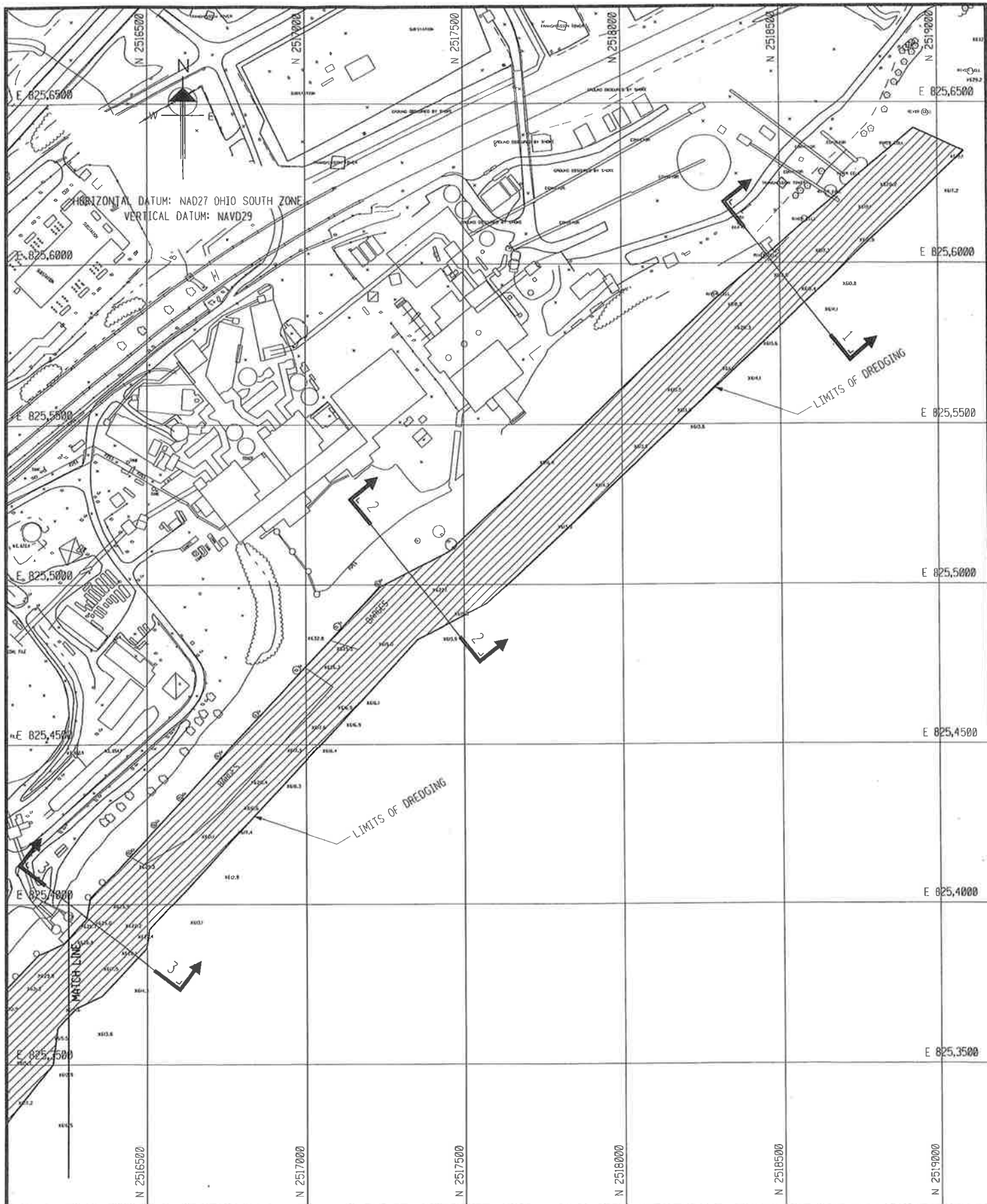
OHIO POWER COMPANY
CARDINAL POWER PLANT
DREDGING PLAN LIMITS

DWG NO: GSK-CD-13-051111SH1



AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

BY DATE: 10/10/13 10:48 AM



HORIZONTAL DATUM: NAD27 OHIO SOUTH ZONE
 VERTICAL DATUM: NAVD29

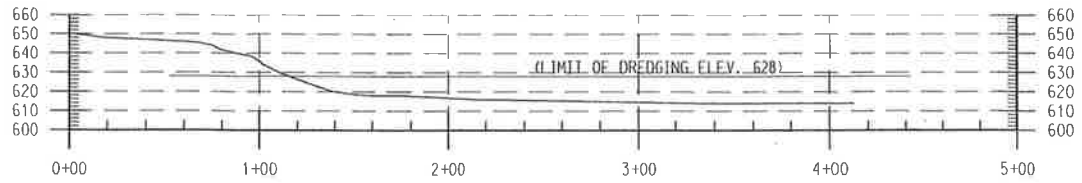
DRN BY: *Amanda Graphics*
 DATE:
 SCALE: 1" = 40'

OHIO POWER COMPANY
 CARDINAL POWER PLANT
 DREDGING PLAN LIMITS

DWG NO: GSK-CD-13-051111SH2

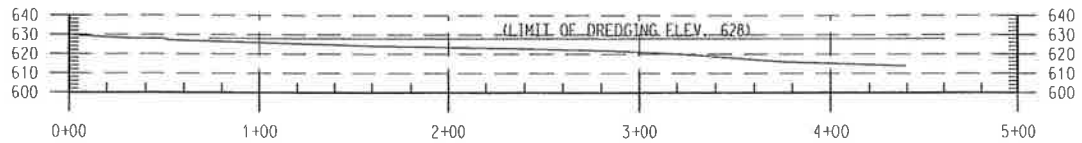
AEP AMERICAN ELECTRIC POWER

AEP SERVICE CORP.
 1 RIVERSIDE PLAZA
 COLUMBUS, OH 43215



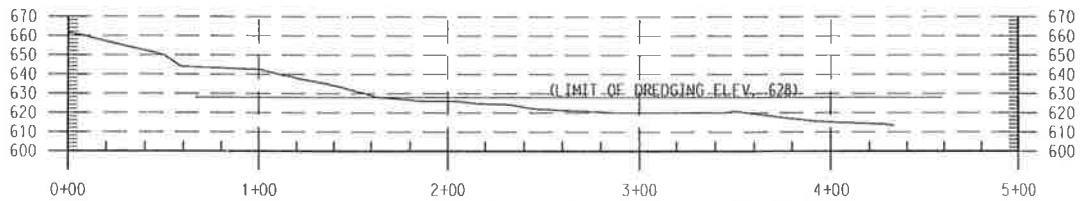
SECTION 1-1 (SECTION AT E CRANE)

SCALE: 1" = 50'



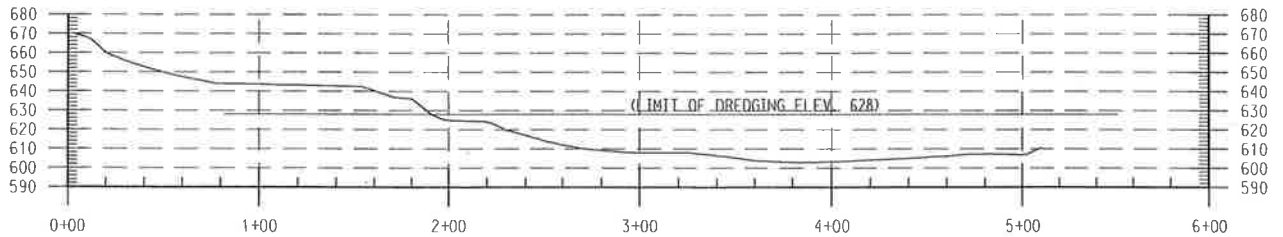
SECTION 2-2 (SECTION AT INTAKE STRUCTURE)

SCALE: 1" = 50'



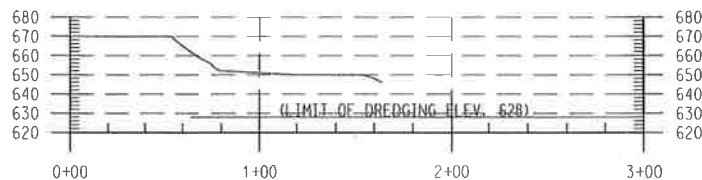
SECTION 3-3 (SECTION AT NORTH BARGE UNLOADER)

SCALE: 1" = 50'



SECTION 4-4 (SECTION AT SOUTH BARGE UNLOADER)

SCALE: 1" = 50'



SECTION 5-5 (SECTION AT SHORT CELL)

SCALE: 1" = 50'

DRN BY: *Amanda Graphics*

DATE:

SCALE: AS SHOWN

OHIO POWER COMPANY

CARDINAL PLANT

CROSS SECTIONS

DWG NO: GSK-CD-13-051112SH3



AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215