U.S. Department of Homeland Security
United States Coast Guard

Commander
United States Coast Guard
Eighth District

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St. Louis, MO 63103
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Eric.Washburn@uscg.mil

September 24, 2024

PUBLIC NOTICE 922-24

All interested parties are herein notified that the Commander, Eighth Coast Guard District, has received application materials dated 5 June 2024 from the U.S. Army Corps of Engineers, Pittsburgh District for approval of location and plans for the construction of a bridge and a temporary bridge over a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: Utility Bridge and a Temporary Utility Bridge over Montgomery Lock and Dam, Ohio River, mile 31.7, near Monaca, Beaver County, PA.

CHARACTER OF WORK: The planned Utility Bridge is to be constructed over the middle of the land and proposed auxiliary chambers at Montgomery Locks and Dam. The Utility Bridge has been designed to exceed the minimum USCG vertical clearance, therefore, the approach elevation will not have an impact. The planned Temporary Utility Bridge is to be constructed over the downstream approach of the land chamber at Montgomery Locks and Dam. The Temporary Utility Bridge has been designed to exceed the minimum USCG vertical clearance, therefore, the approach elevation will not have an impact.

The primary purpose of the Utility Bridge is to provide power and other utilities from the land or lock side of the project, across both the existing land and the new river chambers, and to the dam. The construction of the new river chamber will sever existing utility service crossover tunnels to the dam. The Utility Bridge will allow for safer and easier maintenance access to these utilities through the life of the project.

The primary purpose of the Temporary Utility Bridge is to provide temporary power and other utilities, which are needed for the construction contractor to build the new river chamber. This temporary utility bridge will also serve as a construction contractor personnel bridge, providing uninterrupted access over the existing land chamber which is to remain in service to navigation traffic.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed new utility bridge and temporary utility bridge will have clearances as described in the table below. These clearances are an increase from current clearances over this section of the waterway at this mile.

Utility Bridge	Existing	Proposed
Vertical	No existing bridge	70.71 feet above normal pool average June flow elevation 682.29
Horizontal	No existing bridge	110.0 feet
Temporary Utility Bridge	**Existing**	**Proposed**
Vertical	No existing bridge	69.0 feet above normal pool average June flow elevation 665.4
Horizontal	No existing bridge	110.0 feet

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS:

The U.S. Army Corps of Engineers, Pittsburgh District is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The U.S. Army Corps of Engineers, Pittsburgh District is acting on behalf of the U.S. Coast Guard for all environmental control laws. A Final Environmental Impact Statement dated 02SEP2014 and a Record of Decision (ROD) was issued on 18JAN2017, pursuant to NEPA, as amended. The U.S. Coast Guard has tentatively determined that the proposed action will not have a significant impact for the purposes of NEPA for the project. Documents are available for review online at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m., excluding Federal holidays.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was applied for and received from the Pennsylvania Department of Environmental Protection on 28JUN2024.

The utility bridge is located in the floodplain. The 100-year flood elevation is 695.77 feet. The elevation of the low member of the navigation span for the utility bridge is 753.0 m.s.l. and the elevation of the low member of the navigation span for the temporary utility bridge is 734.4 m.s.l. Elevations are referenced to NAVD88 datum. Approximately 105,000 cubic yards of fill material will be placed below the 100 year flood elevation for the construction of the utility bridge and temporary utility bridge.

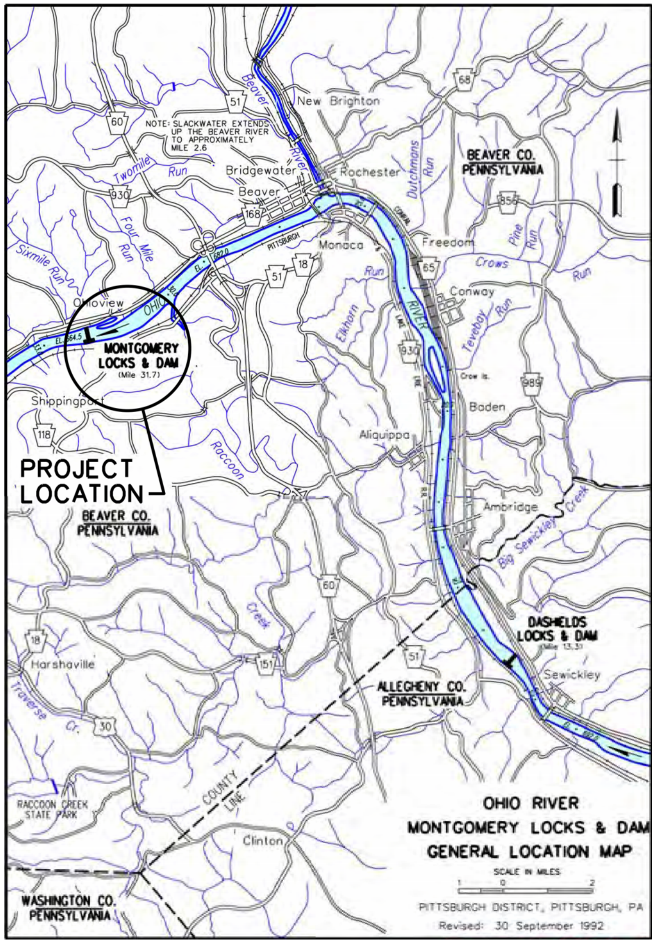
SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to the U.S. Army Corps of Engineers, PittsburghDistrict. Comments will be received for the record at the address noted in the header or via email Eric.Washburn@uscg.mil through **October 31, 2024**.

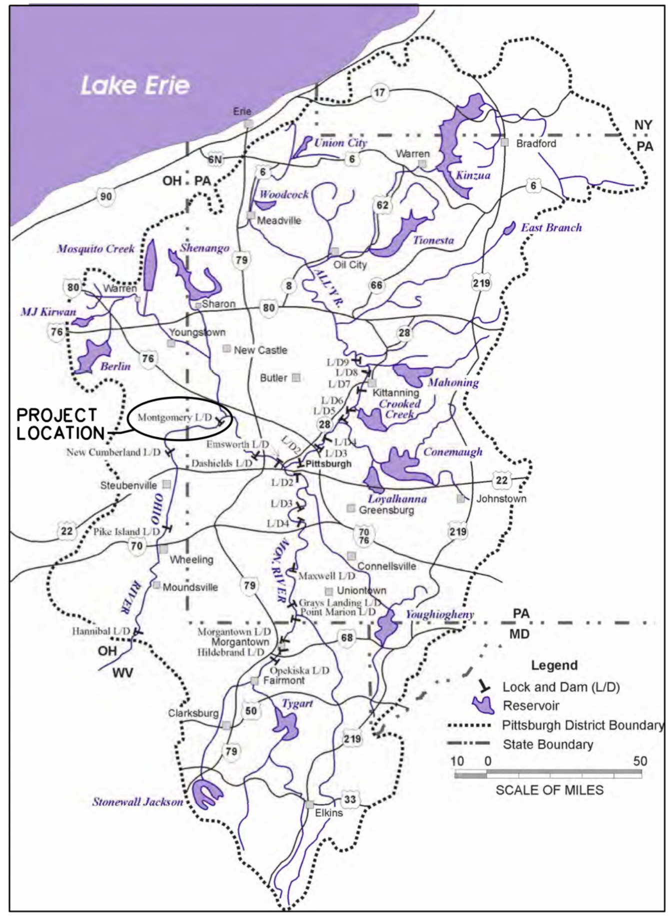
Map of location and plans attached.

Eric Washburn
Bridge Administrator
By direction of the Commander,
Eighth Coast Guard District


New Brighton
NOTE: SLACKWATER EXTENDS UP THE BEAVER RIVER TO APPROXIMATELY MILE 2.6
Bridgewater
Beaver
Rochester
BEAVER CO. PENNSYLVANIA
Monaca
Freedom
Conway
Ohioview
MONTGOMERY LOCKS & DAM (Mile 31.7)
Shippingport
PROJECT LOCATION
BEAVER CO. PENNSYLVANIA
Aliquippa
Baden
Ambridge
DASHIELDS LOCKS & DAM (Mile 13.3)
Sewickley
ALLEGHENY CO. PENNSYLVANIA
Harshaville
RACCOON CREEK STATE PARK
Clinton
WASHINGTON CO. PENNSYLVANIA
OHIO RIVER
MONTGOMERY LOCKS & DAM
GENERAL LOCATION MAP
SCALE IN MILES
PITTSBURGH DISTRICT, PITTSBURGH, PA
Revised: 30 September 1992

2 LOCATION MAP

SCALE: NTS


Lake Erie
Erie
NY
PA
OH PA
Union City
Warren
Bradford
Kinzua
Woodcock
Meadville
East Branch
Tionesta
Oil City
Mosquito Creek
Shenango
MJ Kirwan
Sharon
Youngstown
New Castle
Berlin
Butler
Mahoning
Kittanning
Crooked Creek
PROJECT LOCATION
Montgomery L/D
Emsworth L/D
New Cumberland L/D
Dashields L/D
Pittsburgh
Conemaugh
Steubenville
Loyalhanna
Greensburg
Johnstown
Pike Island L/D
Wheeling
Moundsville
Connellsville
Maxwell L/D
Uniontown
Grays Landing L/D
Point Marion L/D
Youghiogheny
PA
MD
Hannibal L/D
OH
WV
Morgantown L/D
Morgantown
Hildebrand L/D
Opekiska L/D
Fairmont
Tygart
Clarksburg
Stonewall Jackson
Elkins
Legend
Lock and Dam (L/D)
Reservoir
Pittsburgh District Boundary
State Boundary
SCALE OF MILES

1 VICINITY MAP

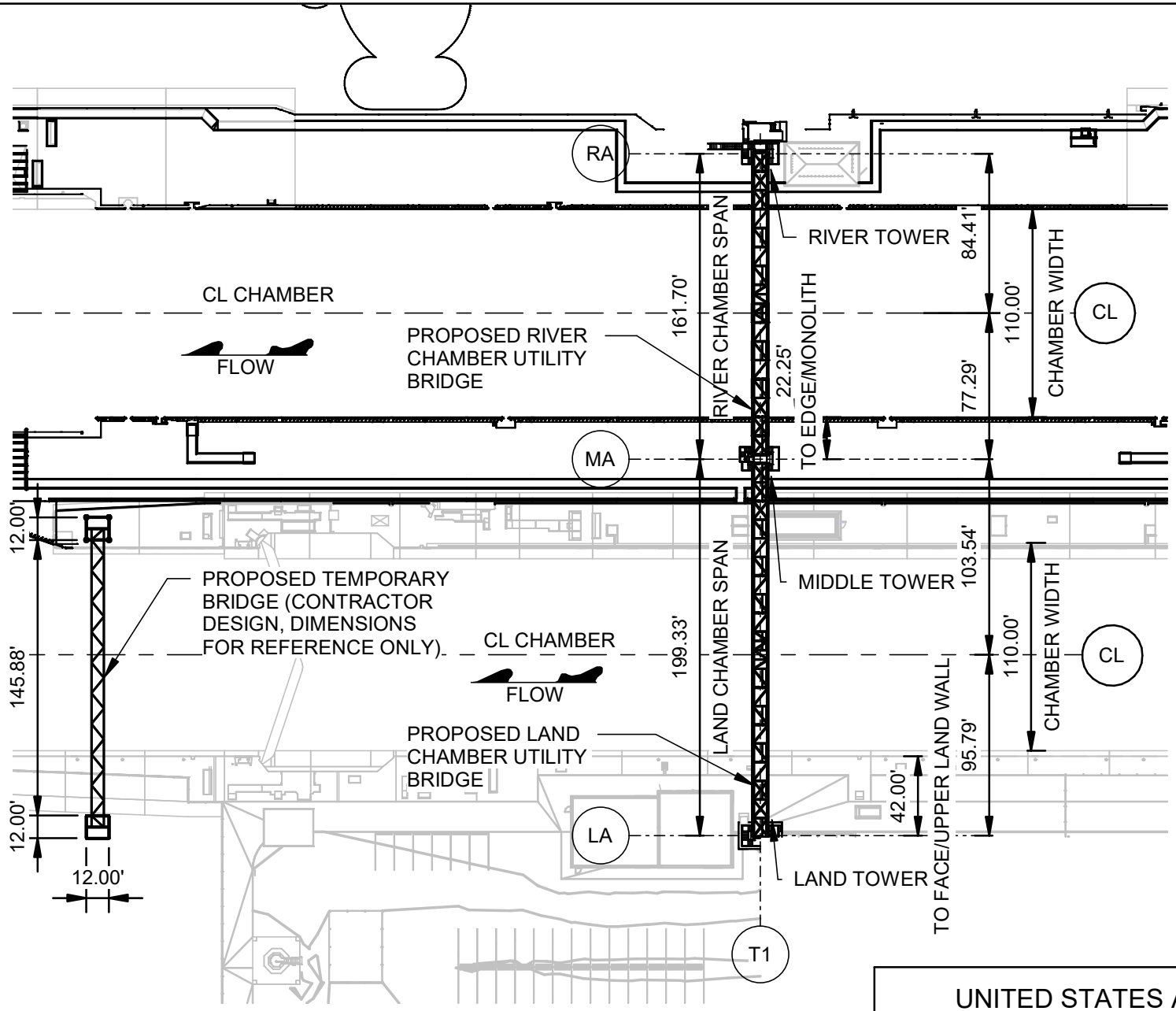
SCALE: NTS

SAMUEL CORY MORGAN
STATE OF TENNESSEE
09/10/2024

UNITED STATES ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT

PROPOSED UTILITY BRIDGE AND TEMPORARY BRIDGE
OVER MONTGOMERY LOCK AND DAM, OHIO RIVER
MILE 31.7
MONACA, PENNSYLVANIA
BEAVER COUNTY

SHEET 1 OF 4 29 JULY, 2024



1 PLAN

SCALE: 1" = 80'-0"

LEGEND

VERTICAL DATUM = NAVD88

SAMUEL CORY MORGAN
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 110516
STATE OF TENNESSEE

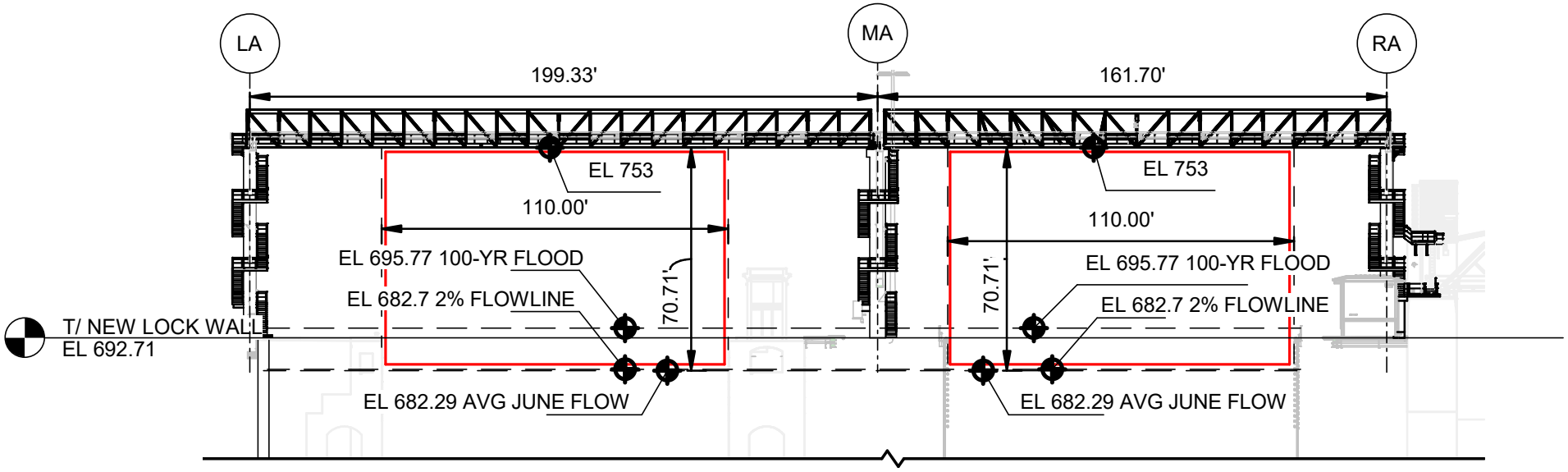
09/10/2024

UNITED STATES ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT

PROPOSED UTILITY BRIDGE AND TEMPORARY BRIDGE
OVER MONTGOMERY LOCK AND DAM, OHIO RIVER
MILE 31.7
MONACA, PENNSYLVANIA
BEAVER COUNTY

SHEET 2 OF 4

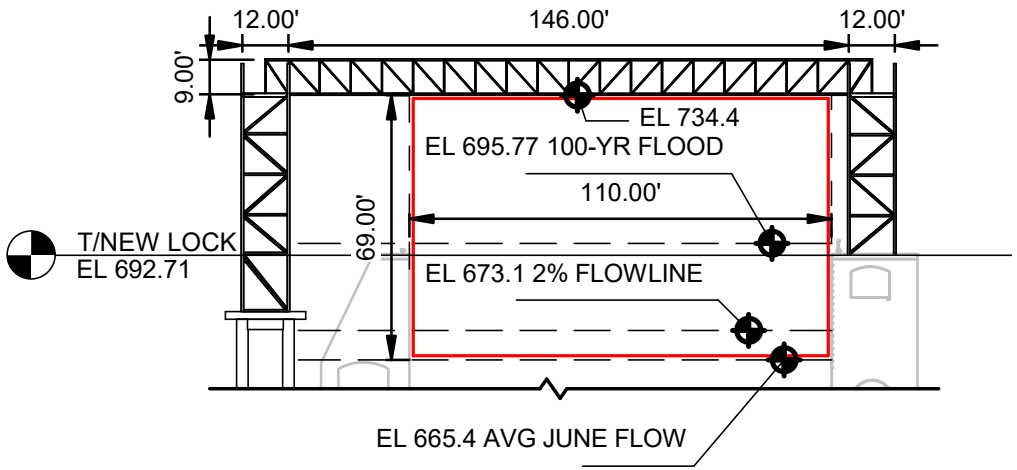
29 JULY, 2024



1 UTILITY BRIDGE ELEVATION

SCALE: 1" = 50'-0"

0 25' 50' 100'



2 TEMP BRIDGE ELEVATION

SCALE: 1" = 50'-0"

0 25' 50' 100'

NOTE: TEMPORARY BRIDGE IS DESIGNED BY CONTRACTOR, DIMENSIONS ARE FOR REFERENCE ONLY.

LEGEND

VERTICAL DATUM = NAVD88

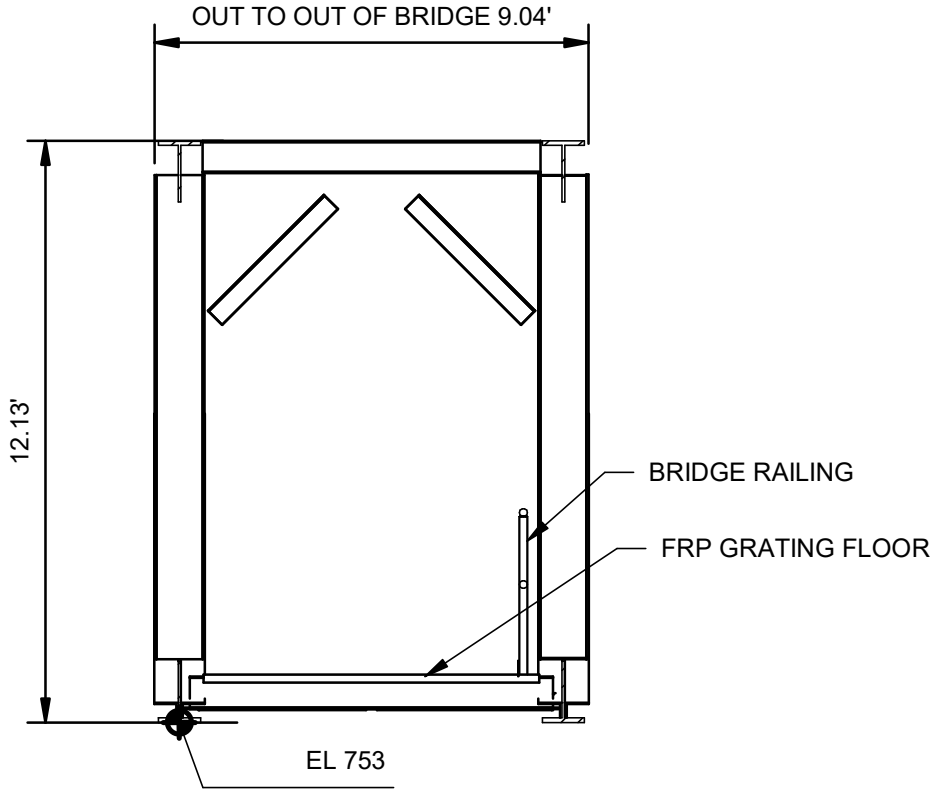
SAMUEL CORY MORGAN
REGISTERED ENGINEER
No. 119818
STATE OF TENNESSEE

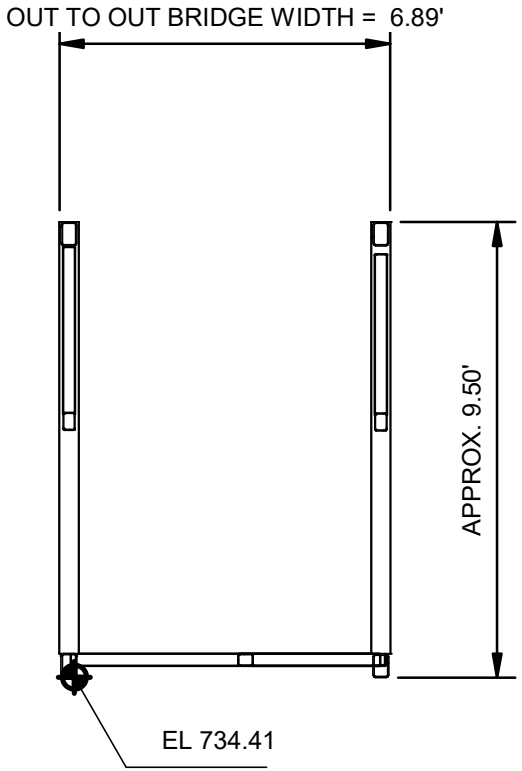
09/10/2024

UNITED STATES ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT

PROPOSED UTILITY BRIDGE AND TEMPORARY BRIDGE
OVER MONTGOMERY LOCK AND DAM, OHIO RIVER
MILE 31.7
MONACA, PENNSYLVANIA
BEAVER COUNTY

29 JULY, 2024





1 SECTION - UTILITY BRIDGE

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

2 SECTION - TEMP BRIDGE

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

SAMUEL CORY MORGAN
REGISTERED ENGINEER
No. 110815
STATE OF TENNESSEE

09/10/2024

NOTE: TEMPORARY BRIDGE IS DESIGNED BY CONTRACTOR, DIMENSIONS ARE FOR REFERENCE ONLY.

UNITED STATES ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT

PROPOSED UTILITY BRIDGE AND TEMPORARY BRIDGE
OVER MONTGOMERY LOCK AND DAM, OHIO RIVER
MILE 31.7
MONACA, PENNSYLVANIA
BEAVER COUNTY

SHEET 4 OF 4

29 JULY, 2024