

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
Ninth Coast Guard District

1240 E 9th St  
Cleveland, OH 44199  
Staff Symbol: (dpb)  
Phone: (216) 902-6086  
Email: [william.b.stanifer@uscg.mil](mailto:william.b.stanifer@uscg.mil)

06 NOVEMBER 2023

## PUBLIC NOTICE 09-04-23

All interested parties are herein notified that the Commander, Ninth Coast Guard District, has received application materials dated August 4, 2023 from the Michigan Department of Transportation (“MI-DOT”), for approval of location and plans for the construction of a bridge across a navigable waterway of the United States.

**BRIDGE, WATERWAY AND LOCATION:** Lafayette Street Bridge, across the Saginaw River, mile 6.78, in Bay City, Bay County, MI.

**CHARACTER OF WORK:** MI-DOT proposes a replacement of the existing three-span, double-leaf bascule highway bridge with a three-span, double-leaf bascule bridge. The existing structure is 451.50-feet long from abutment to abutment, with an out-to-out width of 42.75-feet. It has two 12.00-foot travel lanes, and a 5.00-foot raised pedestrian sidewalk on each side. The proposed structure would be 513.00-feet long from abutment-to-abutment with an out-to-out width of 43.83-feet at the movable span cross section, with two 12.00-foot travel lanes, a 5.17-foot sidewalk on one side, and a 8.00-foot wide multi-use path on the other side. The existing structure would be demolished and removed in its entirety, with no portion reused for the proposed replacement bridge. Two temporary access platforms that would not affect navigational clearances would be utilized during construction. Continuity of navigation would be maintained on the Saginaw River throughout the demolition of the existing bridge and construction of the proposed replacement bridge.

### MINIMUM NAVIGATIONAL CLEARANCES:

The proposed bridge would have clearances as described in the table below. It would not be the controlling structure for horizontal or vertical clearances on the Saginaw River.

Clearance Type	Existing	Proposed
Vertical (Open Position)	Unlimited through the entire width of the navigation channel.	Unlimited through the entire width of the navigation channel.
Vertical (Closed Position)	22.42-feet to low steel at channel center; 14.58-feet at the limits of the navigation channel.	22.74-feet to low steel at channel center; 14.69-feet to low steel at the limits of the navigation channel.
Horizontal	150.00-feet fender-to-fender, normal to the axis of the channel.	151.00-feet fender-to-fender, normal to the axis of the channel.

**Datum:** All elevations are referenced Low Water Datum, 577.50-feet, International Great Lakes Datum of 1985 (“IGLD85”).

## **ENVIRONMENTAL CONSIDERATIONS:**

The Federal Highway Administration (“FHWA”) is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). FHWA approved an Environmental Assessment (“EA”) for the project as proposed on December 17, 2017. A Finding of No Significant Impact (“FONSI”) was issued by FHWA for the project on March 8, 2018. These documents have been re-evaluated and determined to be valid by FHWA correspondence to MI-DOT on August 10, 2023. The Coast Guard anticipates concurring with this FONSI. As lead agency for the proposed project, FHWA is acting on behalf of the U.S. Coast Guard for all environmental control laws. Documents are available for review at the above address, Monday Through Friday, 8:00 a.m. to 2:00 p.m.

A water quality certification (“WQC”) in accordance with Section 401 of the Clean Water Act, as amended, was issued by the Michigan Department of Environmental Quality (“MI-DEQ”) Permit No. MI0057364 on September 22, 2021.

The proposed replacement bridge is located in a floodplain. The elevation of the 100-year floodplain at this location is 585.37-feet. The low-steel elevation of the proposed structure is 592.64-feet at the limits of the navigation channel, which is 7.27-feet higher than the 100-year floodplain elevation.

A bridge protective fendering system consisting of protection cells on both sides of the navigational draw would be used on the proposed replacement bridge. The proposed replacement bridge would also require navigation lighting. MI-DOT currently maintains decorative lighting on existing bridge and may plan on implementing similar decorative lighting on the proposed replacement bridge.

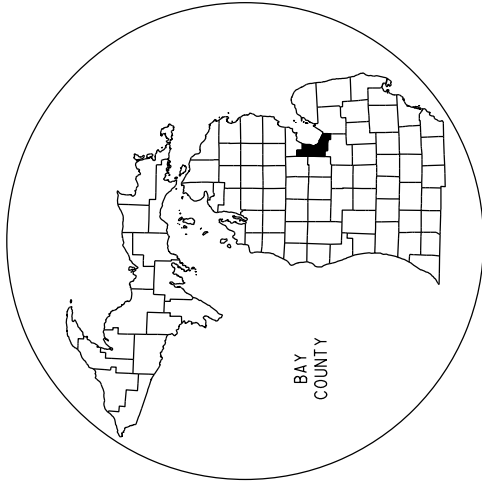
## **SOLICITATION OF COMMENTS:**

Mariners and waterway users – including marine facilities and other interested parties – are requested to comment, in writing, regarding the proposed navigation clearances, the need for clearance gauges, navigational lighting, decorative lighting, and operating schedules or regulations. Comments should be of sufficient detail to establish a clear understanding of reasons for support or opposition to the proposed project.

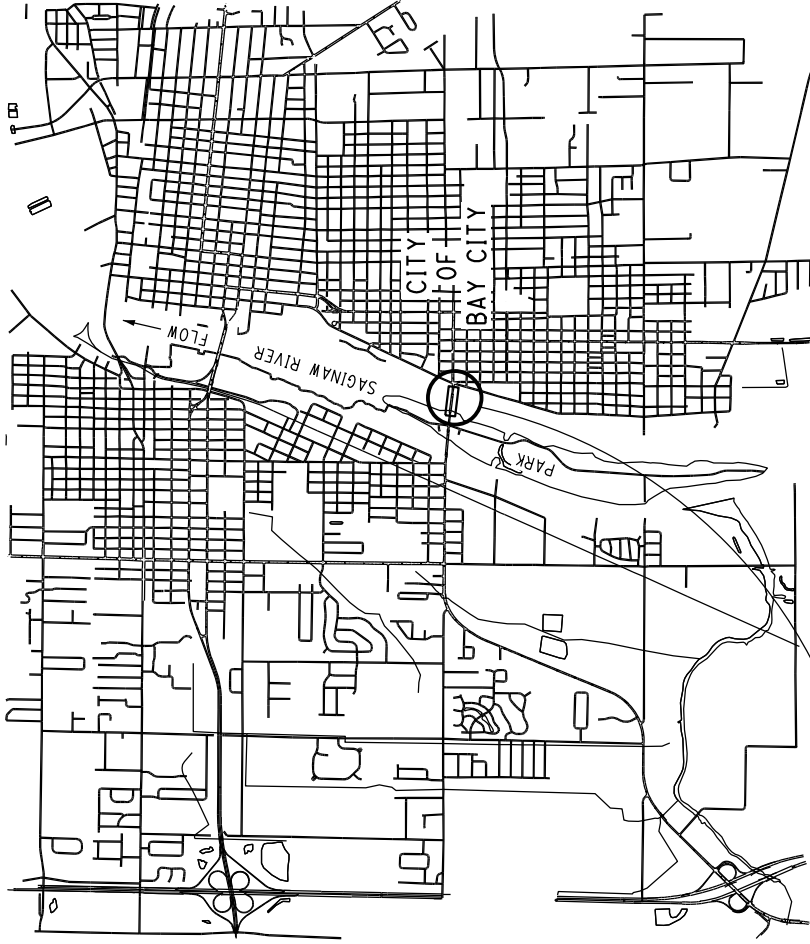
We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to FHWA. Comments will be received for the record at the address noted in the header or via email to [michael.o.walker2@uscg.mil](mailto:michael.o.walker2@uscg.mil) through **December 8, 2023.**

Map of location and plans attached.

**W. B. STANIFER**  
Chief, Bridge Branch  
U.S. Coast Guard  
By Direction



COUNTY KEY



M-13 & M-84  
LAFAYETTE AVENUE  
BAScule BRIDGE  
PROJECT LOCATION



SCALE IN MILES

**LOCATION MAP**



LAFAYETTE AVENUE BASCULE  
BRIDGE REPLACEMENT  
CITY OF BAY CITY  
BAY COUNTY, MICHIGAN  
APPLICATION BY  
MICHIGAN DEPARTMENT  
OF TRANSPORTATION

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT



DATE: 10/16/2023

DESIGN UNIT: TRIEZENBERG

TSC: BAY CITY

CS: B01 OF 09032

JN: 128908A

LOCATION/VICINITY MAP

M-13/M-84 (LAFAYETTE AVENUE)

OVER THE SAGINAW RIVER M.P. 6.78

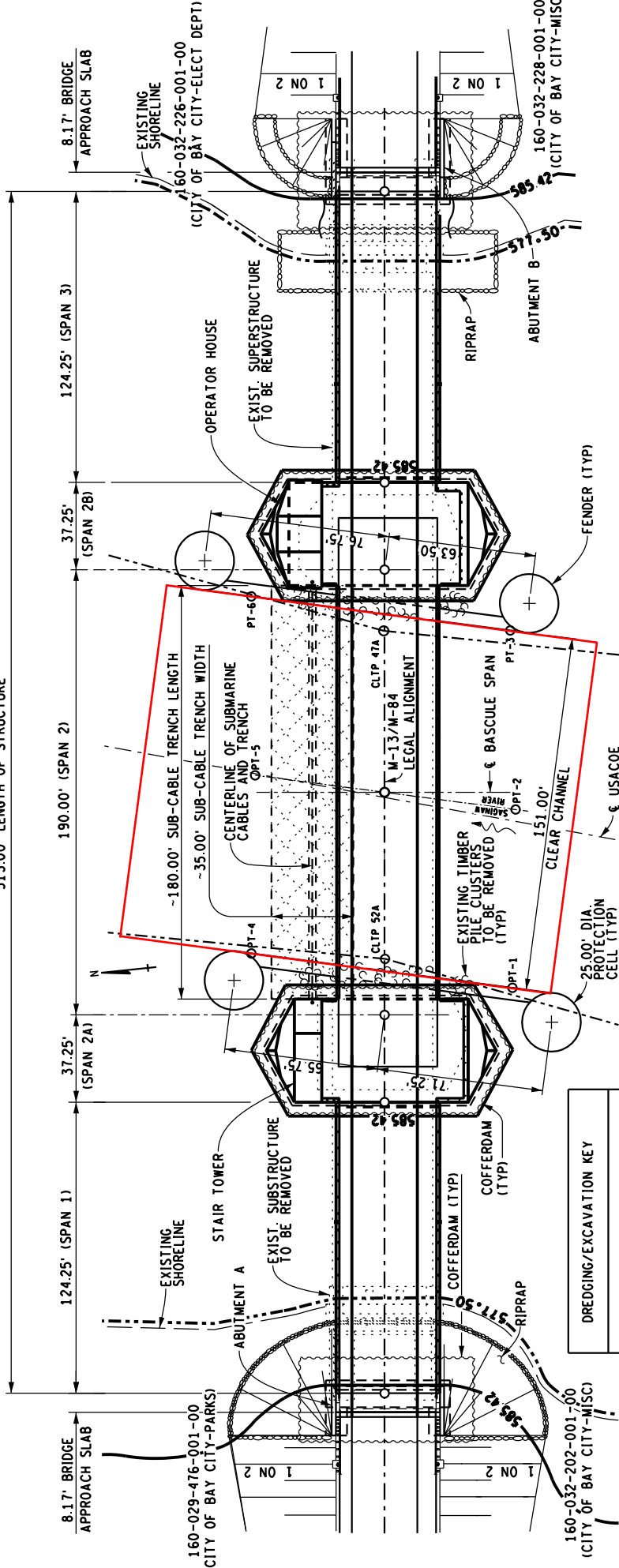
DRAWING SHEET

1 OF 5

1

FILE:

513.00' LENGTH OF STRUCTURE



STRUCTURE KEY

PROPOSED STRUCTURE	——
EXISTING STRUCTURE (TO BE REMOVED)	.....
100 YR EL. 585.42	——
LWD EL. 577.50	——

WATER DEPTH

PT-1	26.80'
PT-2	30.40'
PT-3	26.20'
PT-4	32.30'
PT-5	34.70'
PT-6	27.30'

DREDGING NOT REQUIRED WITHIN STRUCTURE LIMITS



- PROJECT INCLUDES:
- REMOVAL OF THE MAJORITY OF THE EXISTING BASCULE STRUCTURE.
  - REMOVAL OF EXISTING FENDERS, DOLPHINS AND PILE CLUSTERS.
  - CONSTRUCTION OF NEW BASCULE STRUCTURE ON SIMILAR ALIGNMENT.
  - CONSTRUCTION OF NEW FENDERS AND DOLPHINS.
  - PLACEMENT OF NEW SUBMARINE CABLES.

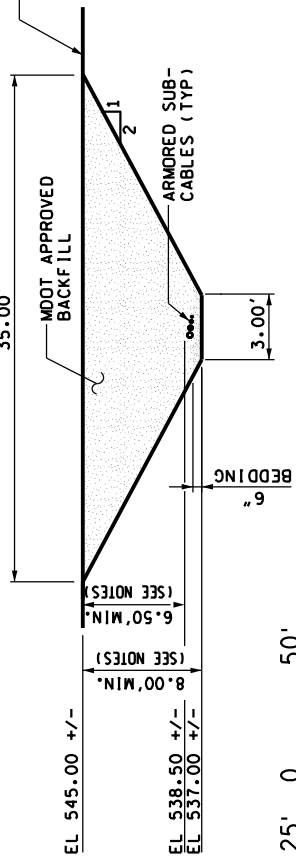
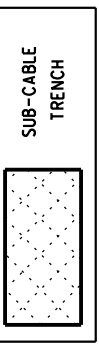
NOTES:

ELEVATIONS ARE IN IGLD-85 DATUM.

SUBMARINE CABLES FOR BRIDGE AND ROADWAY OPERATIONS ONLY.

ENSURE THAT A CABLE ARM ENVIRONMENTAL CLAMSHALL BUCKET IS USED FOR TRENCH DREDGING AND BACKFILLING OPERATIONS FOR THE INSTALLATION OF SUBMARINE CABLES.

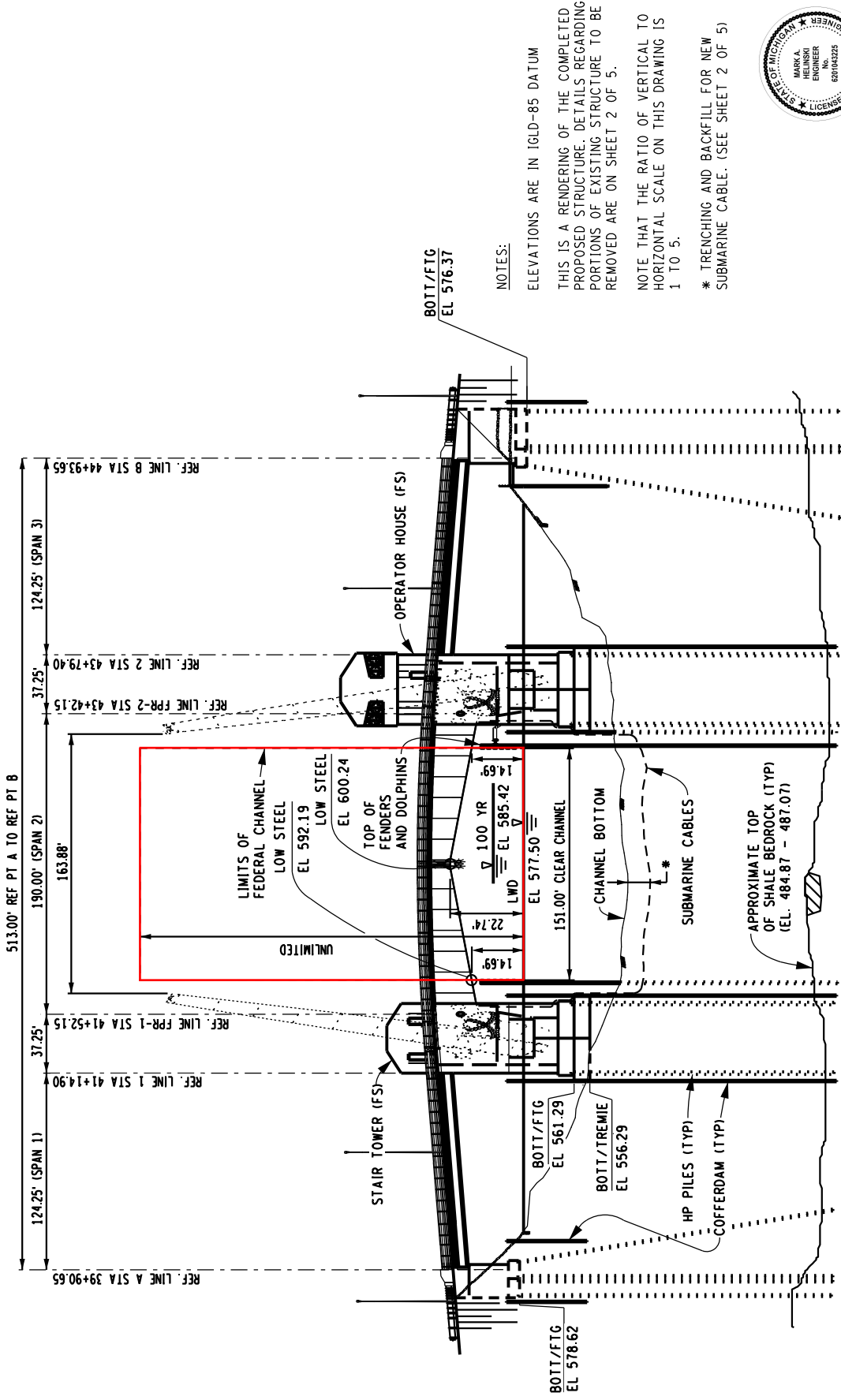
TOP OF SUB-CABLES 6.50' BELOW EXISTING RIVER BOTTOM (EL. 545 +/- AT MID CHANNEL) OR PROJECT DEPTH, WHICHEVER IS LOWER. BOTTOM OF TRENCH WIDTH 3.00' MINIMUM BELOW SUB-CABLES.



50' 25' 0 50'

SCALE IN FEET

**SUBMARINE CABLE TRENCH**  
 (NOT TO SCALE)



**NOTES:**

ELEVATIONS ARE IN IGLD-85 DATUM

THIS IS A RENDERING OF THE COMPLETED PROPOSED STRUCTURE. DETAILS REGARDING PORTIONS OF EXISTING STRUCTURE TO BE REMOVED ARE ON SHEET 2 OF 5.

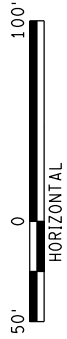
NOTE THAT THE RATIO OF VERTICAL TO HORIZONTAL SCALE ON THIS DRAWING IS 1 TO 5.

\* TRENCHING AND BACKFILL FOR NEW SUBMARINE CABLE. (SEE SHEET 2 OF 5)



October 16, 2023

LAFAYETTE AVENUE BASCULE  
BRIDGE REPLACEMENT  
CITY OF BAY CITY  
BAY COUNTY, MICHIGAN  
APPLICATION BY  
MICHIGAN DEPARTMENT  
OF TRANSPORTATION

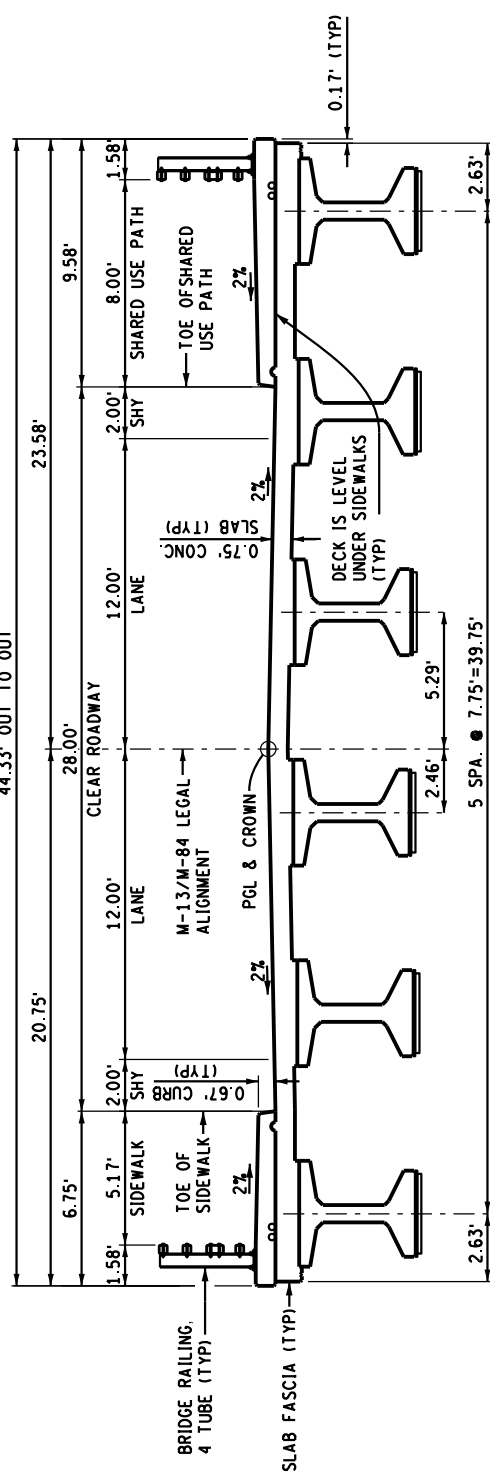
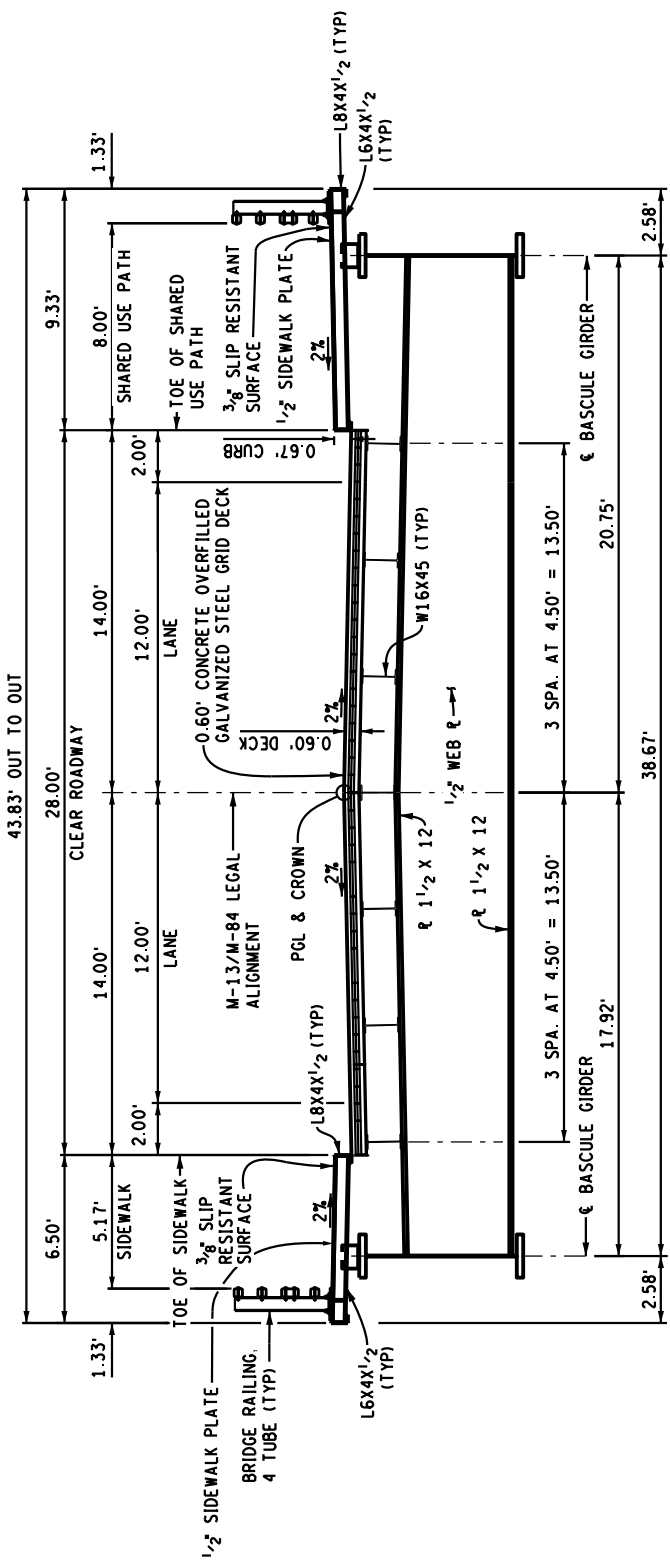


**PROPOSED STRUCTURE PROFILE**

		DATE: 10/16/2023 DESIGN UNIT: TRIEZENBERG TSC: BAY CITY	CS: B01 OF 09032 JN: 128908A	PROPOSED STRUCTURE PROFILE M-13/M-84 (LAFAYETTE AVENUE) OVER THE SAGINAW RIVER M.P. 6.78	DRAWING SHEET 3 OF 5
	FILE:				

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT





**APPROACH SPAN CROSS SECTION**  
(LOOKING UPSTATION)



LAFAYETTE AVENUE BASCULE  
BRIDGE REPLACEMENT  
CITY OF BAY CITY  
BAY COUNTY, MICHIGAN  
APPLICATION BY  
MICHIGAN DEPARTMENT  
OF TRANSPORTATION

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT		DATE: 10/16/2023	CS: B01 OF 09032	TYPICAL SECTION VIEWS	DRAWING SHEET
		DESIGN UNIT: FRIEZENBERG	JN: 128908A	M-13/M-84 (LAFAYETTE AVENUE)	5 OF 5
FILE:		TSC: BAY CITY		OVER THE SAGINAW RIVER M.P. 6.78	