



**CITY OF MORRO BAY  
PUBLIC WORKS ADVISORY BOARD  
REVISED AGENDA**

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The City of Morro Bay is dedicated to the preservation and enhancement of the quality of life. The City shall be committed to this purpose and will provide a level of municipal service and safety consistent with and responsive to the needs of the public.

**Thursday, September 5, 2013  
Veteran's Memorial Building  
Open House from 3:30 P.M. - 4:00 P.M.  
Meeting from 4:00 P.M. - 6:00 P.M.  
209 Surf Street, Morro Bay, CA**

**PLEASE NOTE**

**There will be an Open House for the public to be able to review the Morro Creek Multi-Use Trail Bridge project with the design team before the Advisory Board meeting.**

Matt Makowetski, Chair

Ron Burkhart  
Janith Goldman  
Marlys McPherson

Deborah Owen  
Richard Rutherford  
Stephen Shively

ESTABLISH QUORUM AND CALL TO ORDER  
MOMENT OF SILENCE / PLEDGE OF ALLEGIANCE  
ANNOUNCEMENTS / PRESENTATIONS

**PUBLIC COMMENT PERIOD**

Members of the audience wishing to address the Board on City business matters other than scheduled items may do so at this time. To increase the effectiveness of the Public Comment Period, the following rules shall be followed:

- When recognized by the Chair, please come forward to the podium and state your name and address for the record. Board meetings are audio and video recorded and this information is voluntary and desired for the preparation of minutes.
- Comments are to be limited to three minutes.
- All remarks shall be addressed to the Board, as a whole, and not to any individual member thereof.
- The Board respectfully requests that you refrain from making slanderous, profane or personal remarks against any elected official, commission and/or staff.
- Please refrain from public displays or outbursts such as unsolicited applause, comments or cheering.
- Any disruptive activities that substantially interfere with the ability of the Board to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.
- Your participation in Board meetings is welcome and your courtesy will be appreciated.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Public Services' Administrative Technician at (805) 772-6291. Notification 24 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

A. CONSENT CALENDAR - None

B. OLD BUSINESS - None

C. NEW BUSINESS

- C-1 Morro Creek Multi-Use Trail and Bridge Project: Presentation of Design and Budget Alternatives  
Recommendation: Receive presentation of bridge and trail design options and budgets, take public testimony and provide recommendations to Staff.

D. FUTURE AGENDA ITEMS

Staff anticipates the following items coming to the Board in the upcoming months:

- NEW Water Reclamation Facility (October)
- Transit Service Options for Weekend Service (October)

E. ADJOURNMENT

Adjourn to the special Public Works Advisory Board meeting at the Veteran's Memorial Building, 209 Surf Street, on **Thursday, October 17, 2013 at 6:00 p.m.**

This agenda is subject to amendment up to 72 hours prior to the date and time set for the meeting. Please refer to the agenda posted at the Public Services Department, 955 Shasta Avenue, for any revisions or call the department at 772-6291 for further information.

Materials related to an item on this Agenda are available for public inspection during normal business hours in the Public Services Department, at Mill's/ASAP, 495 Morro Bay Boulevard, or the Morro Bay Library, 695 Harbor, Morro Bay, CA 93442, or online at [www.morro-bay.ca.us/pwab](http://www.morro-bay.ca.us/pwab) . Materials related to an item on this Agenda submitted to the Board after publication of the Agenda packet are available for inspection at the Public Services Department during normal business hours or at the scheduled meeting.



AGENDA NO: C-1

MEETING DATE: September 5, 2013

# Staff Report

**TO:** Public Works Advisory Board                      **DATE:** August 30, 2013

**FROM:** Barry Rands, PE – Associate Engineer

**SUBJECT:** Morro Creek Multi-Use Trail and Bridge Project: Presentation of Design and Budget Alternatives

## RECOMMENDATION

That the Public Works Advisory Board receive a presentation of bridge and trail design options and budgets, take public testimony and provide recommendations to staff.

## FISCAL IMPACT

The project has been awarded grants for design, permitting, and construction. Matching funds from the City have been budgeted as required by these grants. The recommendations made by the Board may require additional appropriations if estimated project costs exceed the amounts budgeted for in the grant as shown in the table below:

MORRO CREEK MULTI-USE TRAIL AND BRIDGE PROJECT BUDGET AND FUNDING SOURCES \$ IN THOUSANDS			
Budget Item	Total	SOURCE	
		City	Grants
Engineering and Permitting	\$275	\$55	\$220
Right of Way	\$14	\$14	\$0
Construction	\$716	\$100	\$616
Total	\$1,005	\$169	\$836

## SUMMARY

The project goal is to provide a link for pedestrians and cyclists between the two sections of the Embarcadero separated by Morro Creek. Project components include a northward extension of Harborwalk with a multi-use path from an existing parking area and crossing on Embarcadero Avenue 1,200 feet on the west side of the existing dirt road. A 130-foot span bicycle and pedestrian bridge would extend the multi-use path across Morro Creek to connect to north Morro Bay at the terminus of the north section of the Embarcadero. Bike and surrey parking facilities and an interpretive area are also part of the project.

Prepared By: BR    Dept Review: RL

## **BACKGROUND**

The Waterfront Master Plan adopted in 1996 envisaged a number of projects to enhance access and enjoyment of Morro Bay's waterfront. In 2008 the City of Morro Bay completed one of these projects; the Morro Bay Harborwalk. This project consisted of a continuous off-roadway bike path and separate pedestrian boardwalk constructed along the shoreline with a terminus at the beach access located at the north end of the Morro Rock parking area. This required the realignment of Coleman Drive, a two lane road that leads to the public parking area at Morro Rock, and dune scrub habitat restoration related to the realignment.

An extension of this project to the north, connecting two sections of the Embarcadero separated by Morro Creek with a multi-use trail and bridge, is the subject of this project.

## **DISCUSSION**

Three bridge design alternatives (attached) will be presented for consideration by the Board and the general public. Pros and cons of each alternative, together with cost opinions for each design will also be part of the presentation. Some of the tradeoffs to be considered include aesthetics, constructability, environmental impact, cost, and the ability to accommodate occasional maintenance and emergency vehicle traffic. Use of the bridge for commuter vehicle traffic is not under consideration due to limitations of the grant, permitting issues, and lack of City funds for a bridge of that size.

The presentation will also include conceptual layouts and configuration of the multi-use trail connecting the bridge with the Harborwalk and the transition to existing facilities (roadway and parking areas) on both sides of the creek.

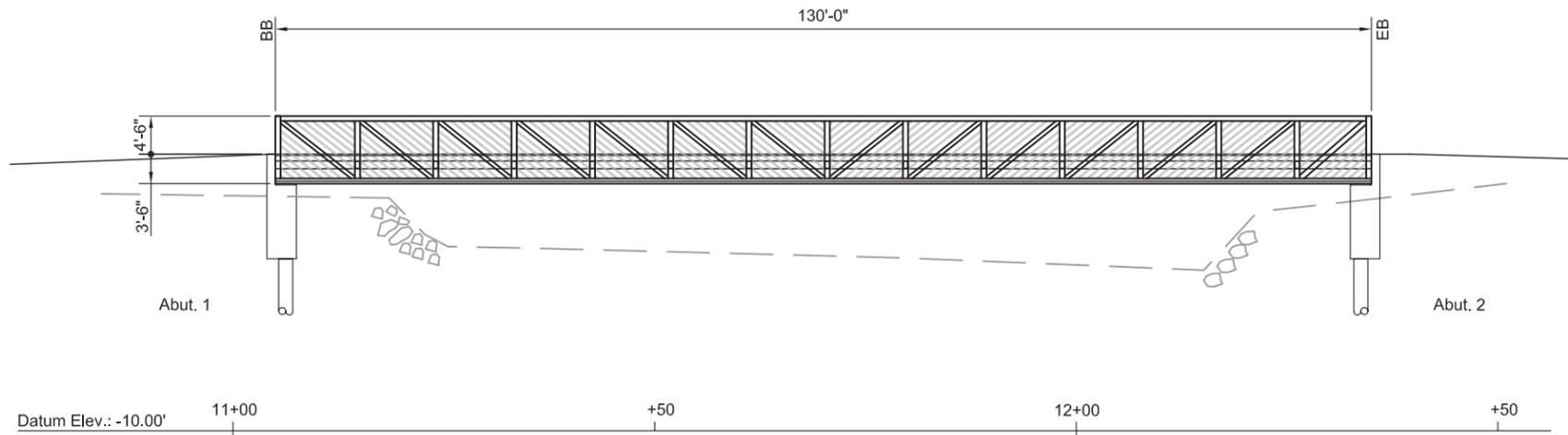
The recommendations from this meeting will assist staff in selecting the alternative to be used for permit applications and detailed design.

## **CONCLUSION**

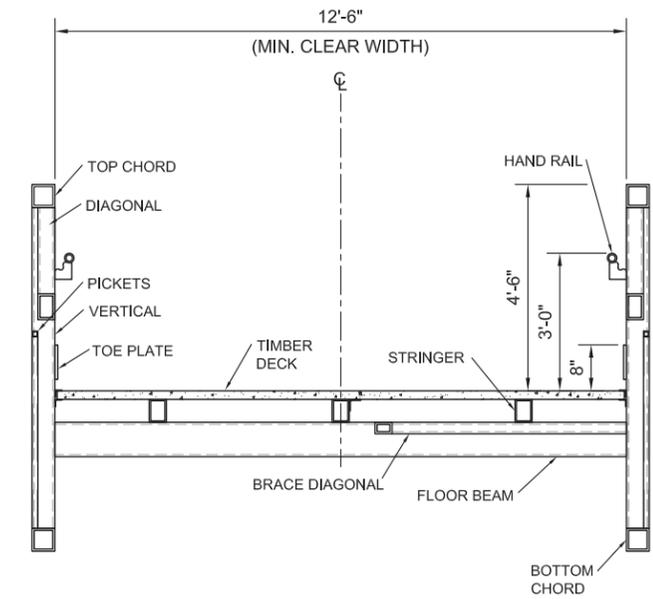
After hearing the presentation of bridge design options and budgets and taking public testimony, the Board should make recommendations to staff.

## **ATTACHMENTS**

Bridge design alternatives



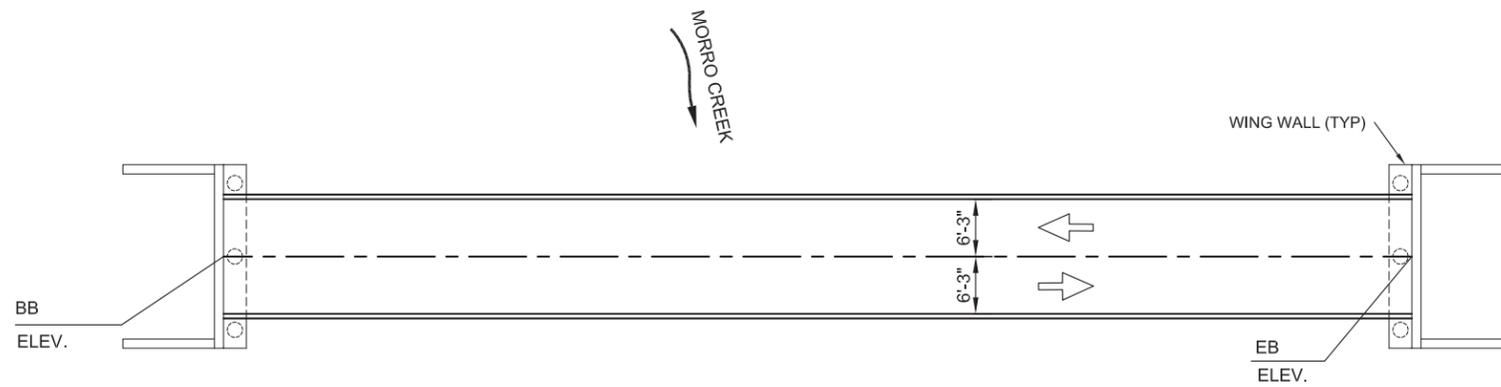
**ELEVATION**  
SCALE: 1" = 1'-0"



**TYPICAL SECTION**  
No Scale

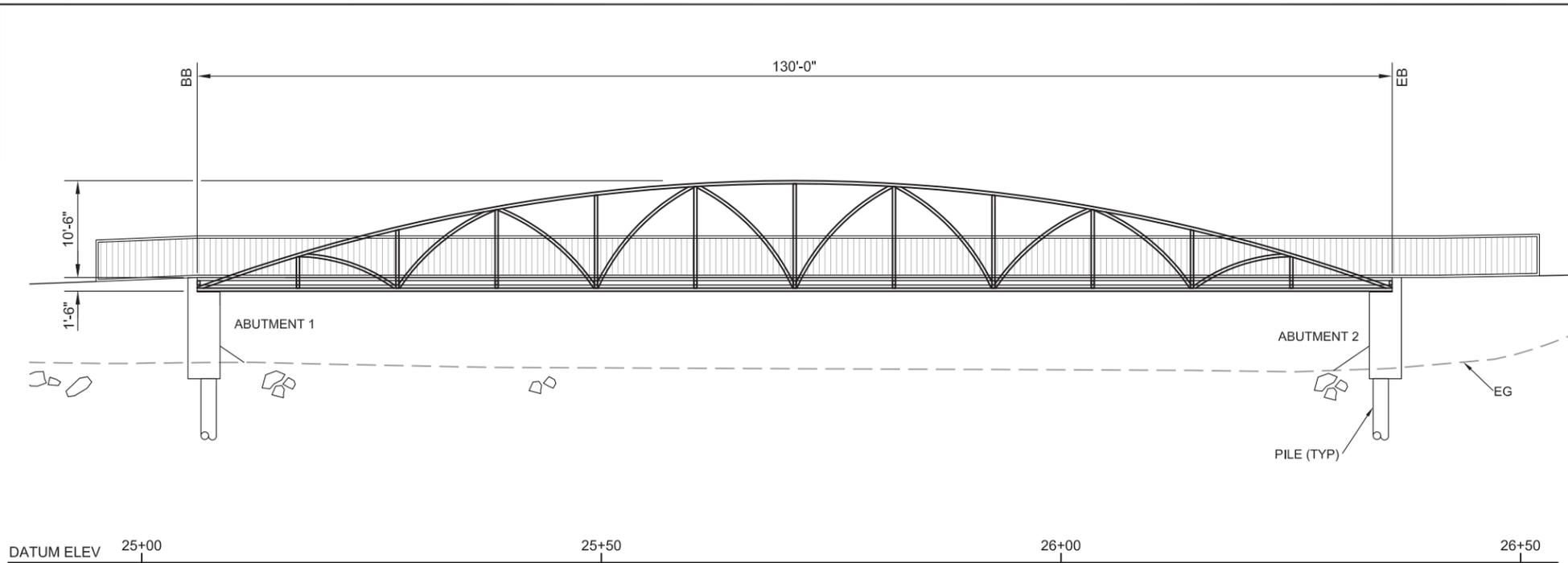
**CALTRANS STANDARD PLANS, 2010**

- A10-A,B ACRONYMS AND ABBREVIATIONS
- A10 - C,D SYMBOLS
- A62-A EXCAVATION AND BACKFILL - MISCELANEOUS DETAILS
- A62-C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL-BRIDGE
- B0-1 BRIDGE DETAILS
- B2-3 16" AND 24" CAST-IN-DRILLED-HOLE CONCRETE PILE
- B2-5 PILE DETAILS CLASS 90 AND CLASS 140



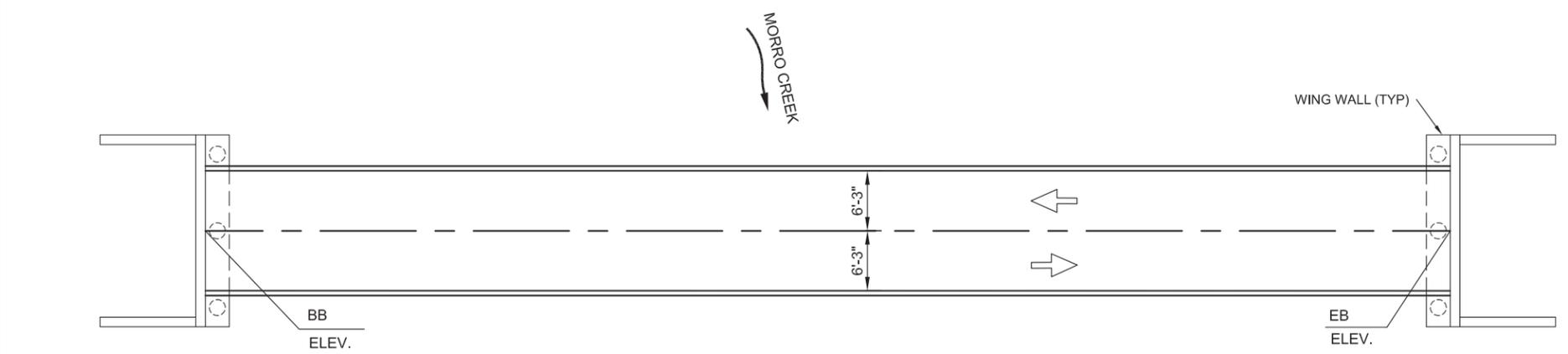
**PLAN**  
SCALE: 1" = 1'-0"

**MORRO CREEK MULTI-USE TRAIL  
AND BRIDGE PROJECT**  
PEDESTRIAN/BIKE BRIDGE: ALTERNATIVE 1



DATUM ELEV -10.0      25+00      25+50      26+00      26+50

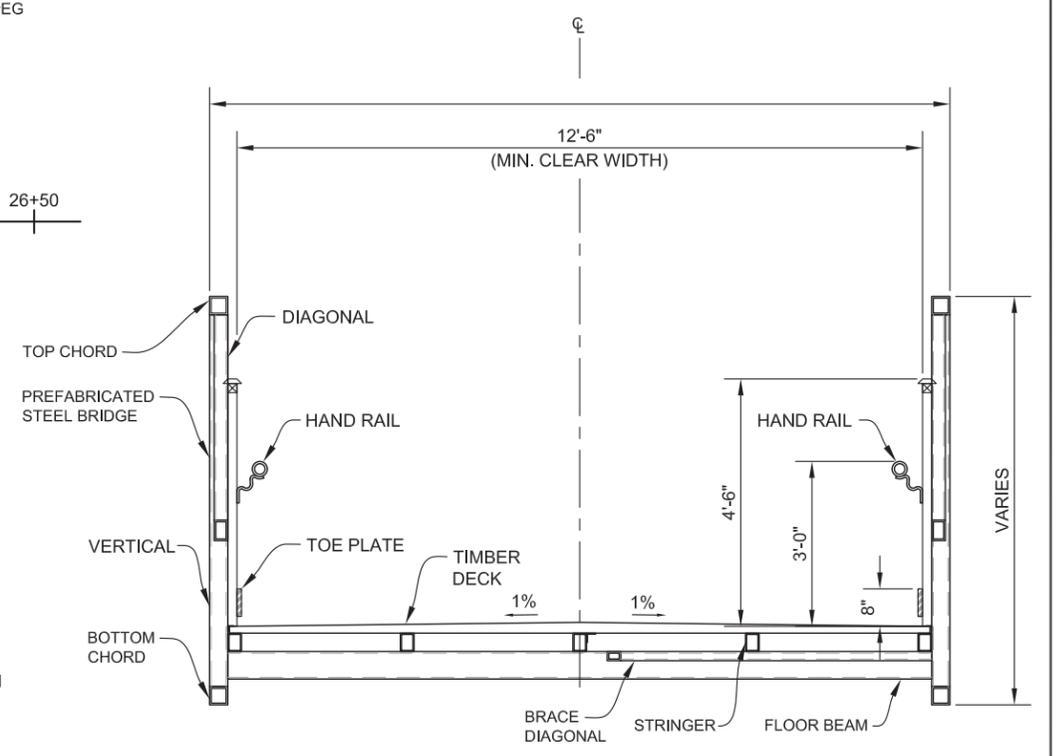
**ELEVATION**  
SCALE: 1"= 1'-0"



**PLAN**  
SCALE: 1"= 1'-0"

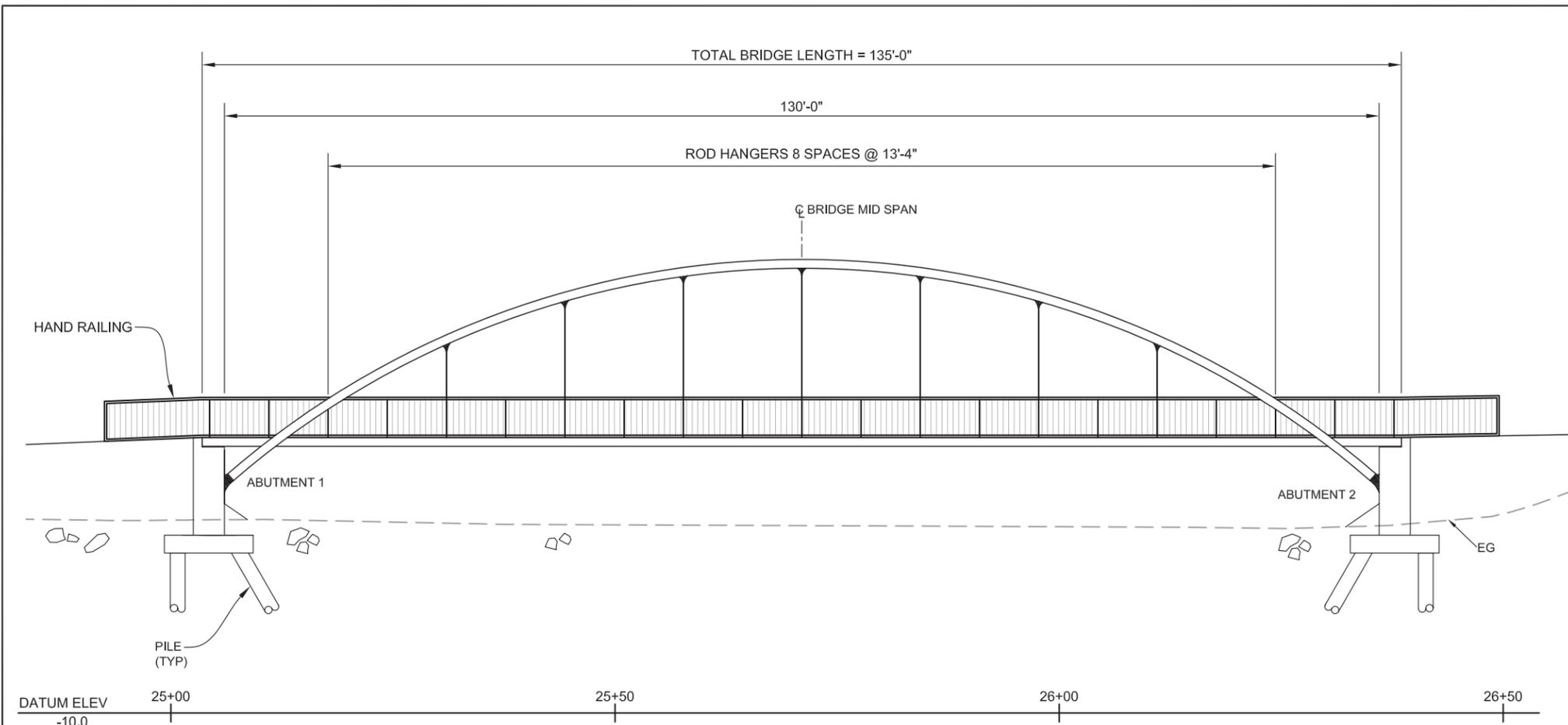
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- B2-5 PILE DETAILS CLASS 90 AND CLASS 140
- B3-6 RETAINING WALL DETAILS NO. 2

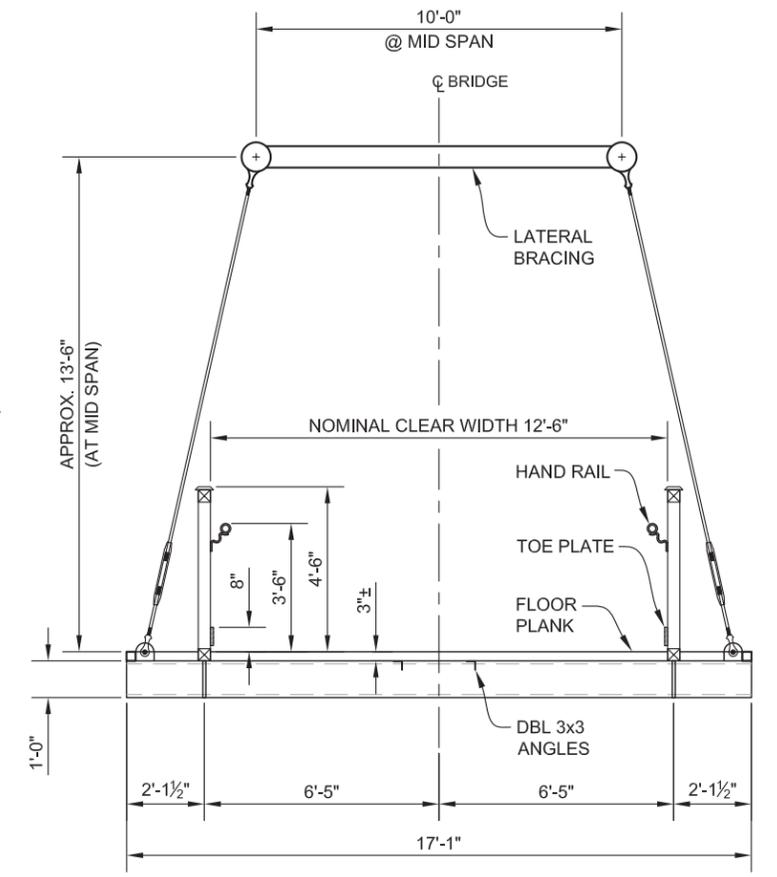


**SECTION**  
SCALE: NTS

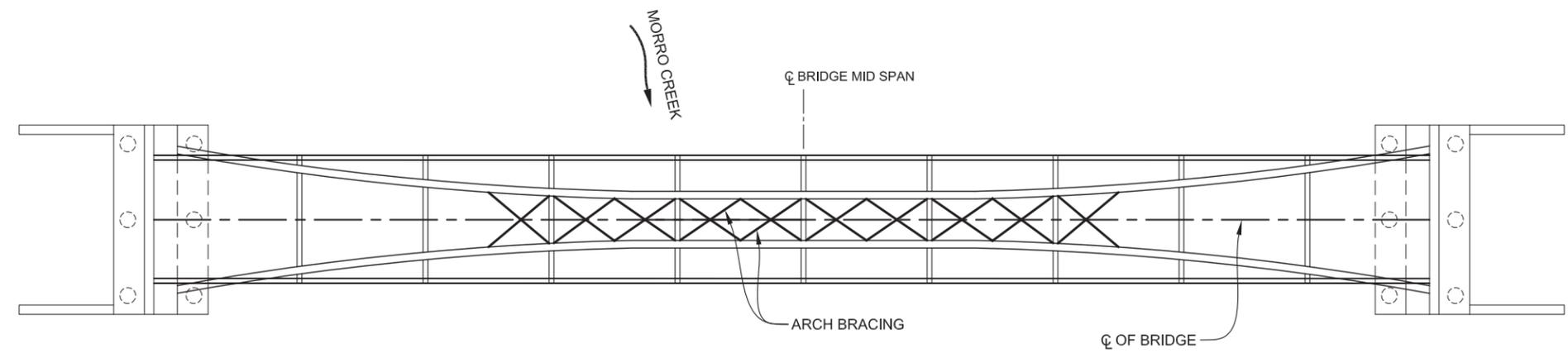
**MORRO CREEK MULTI-USE TRAIL  
AND BRIDGE PROJECT**  
PEDESTRIAN/BIKE BRIDGE: ALTERNATIVE 2



**ELEVATION**  
SCALE: 1"= 1'-0"



**TYPICAL SECTION**  
SCALE: NTS



**PLAN**  
SCALE: 1"= 1'-0"

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**MORRO CREEK MULTI-USE TRAIL  
AND BRIDGE PROJECT**  
PEDESTRIAN/BIKE BRIDGE: ALTERNATIVE 3