



**CITY OF MORRO BAY
PUBLIC WORKS ADVISORY BOARD
SPECIAL MEETING
AGENDA**

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.

**Tuesday, October 1, 2013
Veteran's Memorial Building
Open House from 4:30 P.M. - 5:00 P.M.
Meeting Starts at 5:00 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

- B-1 Morro Creek Multi-Use Trail and Bridge Project: Presentation of 30% Design Recommendation: Receive presentation of bridge and trail design at the 30% level, take public testimony and provide comments as necessary.

C. NEW BUSINESS - None

D. FUTURE AGENDA ITEMS

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

- NEW Water Reclamation Facility (October)
- Transit 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 . 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: B-1

MEETING DATE: October 1, 2013

Staff Report

TO: Public Works Advisory Board **DATE: September 25, 2013**

FROM: Barry Rands, PE – Associate Engineer

SUBJECT: Morro Creek Multi-Use Trail and Bridge Project: Presentation of 30% Design

RECOMMENDATION

That the Public Works Advisory Board receive a presentation of bridge and trail design at the 30% level, take public testimony and provide comments as necessary.

FISCAL IMPACT

The grant will only cover expenses for a bridge that will handle pedestrians, cyclists, and light vehicles. The proposed bridge incurs estimated additional costs of \$70,000 that will need to come from sources outside the grant. The potential source for the additional funding includes excess reserves, one-time Power Plant Lease payments, or Measure Q.

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 1200 foot northward extension of Harborwalk with a multi-use path on the west side of the existing dirt road from existing parking area at Coleman Park to Morro Creek. 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. Capacity to accommodate larger City of Morro Bay emergency vehicles is a recently added feature.

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.

Prepared By: BR Dept Review: RL

DISCUSSION

Three bridge design alternatives were presented for consideration by the Board and the general public in the September 5 meeting. The consensus of the public and the Board was to recommend a low-profile truss version of the bridge and to not enlarge the bridge to accommodate heavy (60,000 lb) emergency vehicles. PWAB recommendations on the schematic design were reviewed by the City's Emergency Service personnel who provided additional information and scenarios where the ability to access the Embarcadero and North Morro Bay from more than one access point would be beneficial. These conditions include events such as the Harbor Festival, 4th of July, and the Kite Festival. Other situations include beach rescues, flooding events, and evacuations. This is a once in a lifetime opportunity to enhance the emergency access between the Embarcadero and North Morro Bay.

After further consideration of this new information, staff opted to recommend a compromise solution for emergency vehicle access. The bridge width would remain basically the same, but truss elements would be strengthened to accommodate a 40,000 lb vehicle, large enough to handle all current MBFD vehicles. The cost for this upgrade would have to come from sources outside the grant.

The presentation will also include more detailed design of the layout 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.

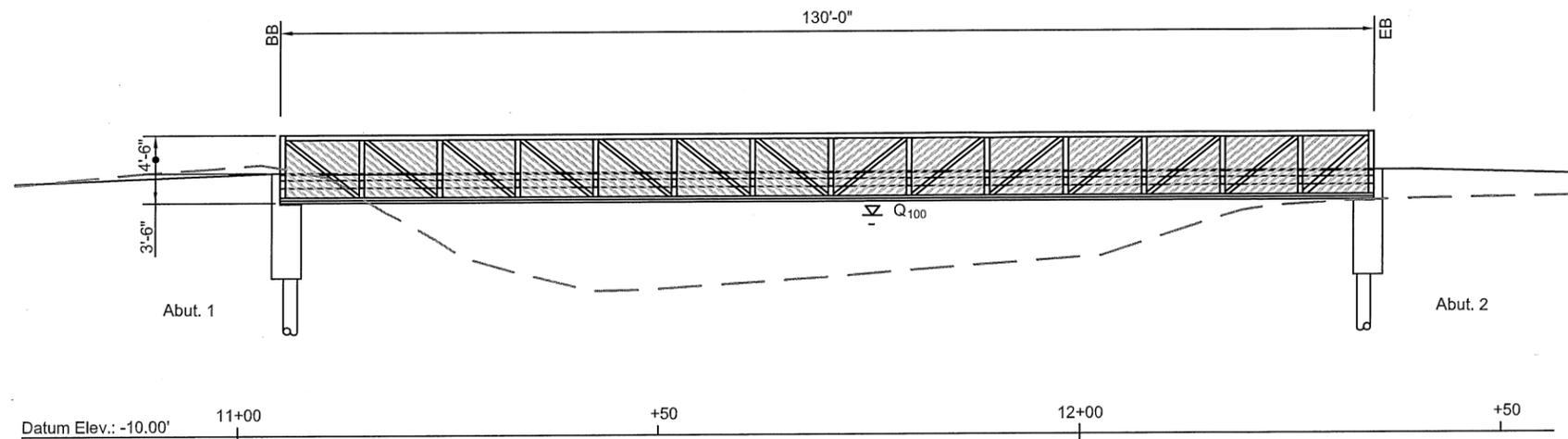
This meeting provides the final opportunity to receive comments on the project description and schematic design to be used for permit applications and further design refinements. The Fire Chief will be at the meeting if the Board has additional questions regarding emergency access across Morro Creek.

CONCLUSION

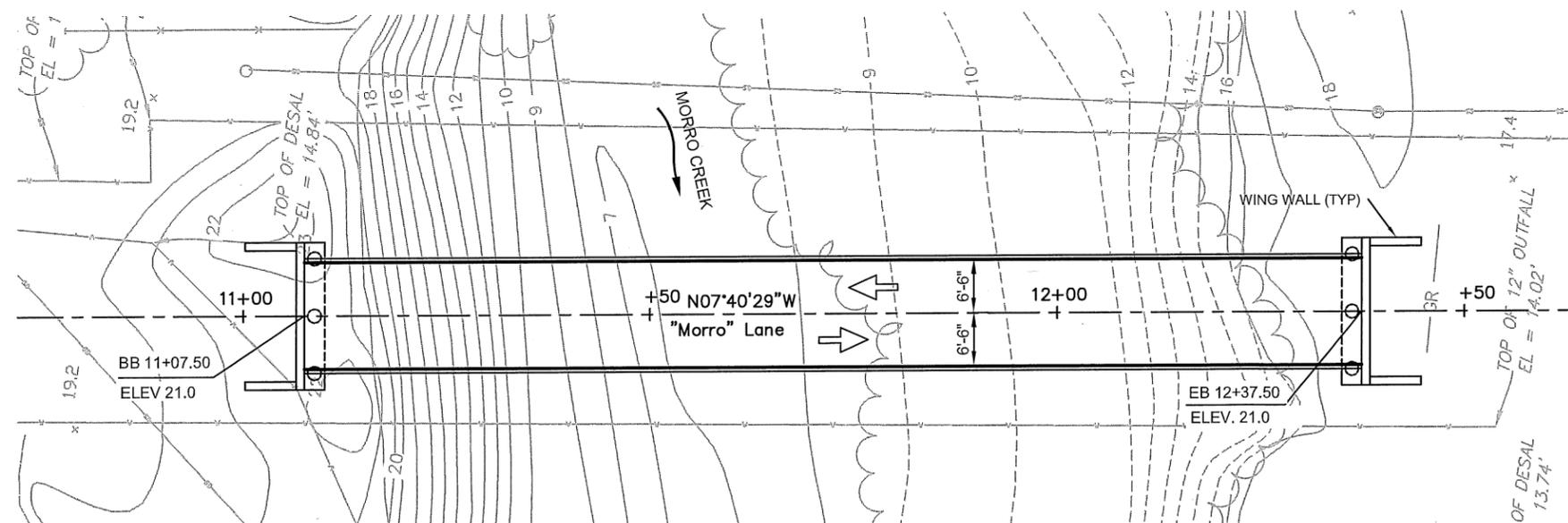
After hearing the presentation of the current project design and taking public testimony, the Board should provide their final comments to staff.

ATTACHMENTS

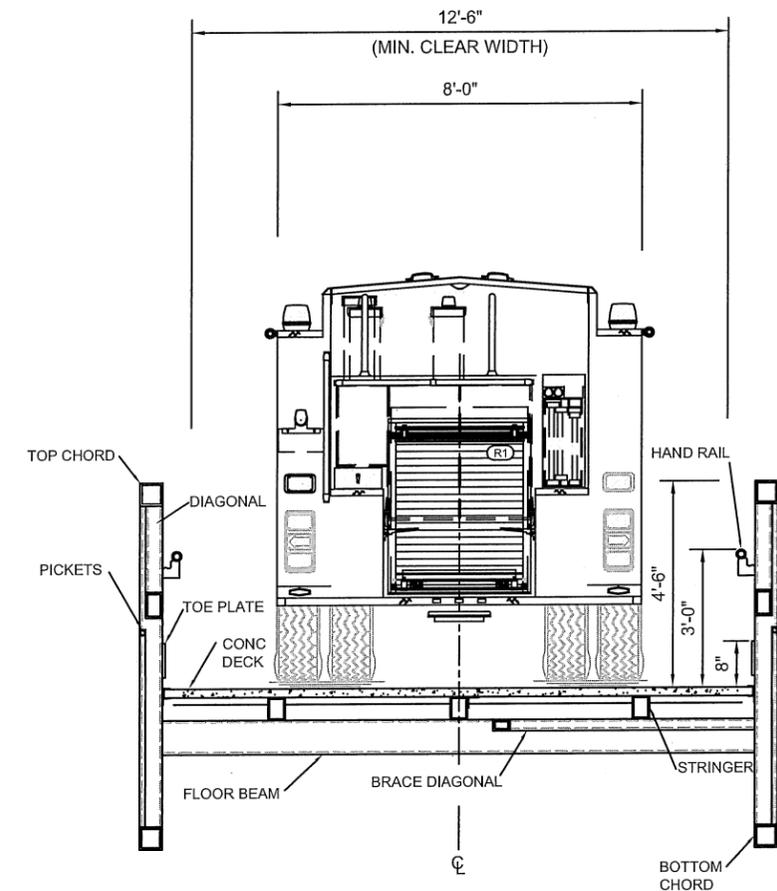
Bridge Plan, Profile and Section



ELEVATION
SCALE: 1" = 10'-0"



PLAN
SCALE: 1" = 10'-0"



TYPICAL SECTION
No Scale

LIVE LOAD:

- H20 VEHICULAR LOAD
- 90 PSF PEDESTRIAN LOAD

HYDRAULICS DATA:

Condition	Elevation (ft. NAVD)	Top Width (ft.)
Q50 = 5,000 cfs	15.20	97.3
Q100 = 5,760 cfs	15.81	99.7
Q100 + Sea Level Rise	16.14	101.1

CALTRANS STANDARD PLANS, 2010

- A10-A,B ACRONYMS AND ABBREVIATIONS
- A10 - C,D SYMBOLS
- A62-A EXCAVATION AND BACKFILL - MISCELLANEOUS 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
- B3-6 RETAINING WALL DETAILS NO. 2

MORRO CREEK MULTI-USE TRAIL
AND BRIDGE PROJECT
PEDESTRIAN/FIRE TRUCK BRIDGE: ALTERNATIVE 1A