



MAIN STREET BRIDGE ADVISORY COMMITTEE AGENDA

Thursday, October 7, 2021
6:00 P.M.

Meeting Location:

Remote

This agenda contains a brief description of each item to be considered. Those wishing to address the Main Street Bridge Advisory Committee (MSBAC) on any matter not listed on the Agenda, but within the jurisdiction of the MSBAC, see SPECIAL REMOTE PROTOCOLS below.

Note: Please Provide a Copy of Prepared Presentations to the Staff

Copies of any written documentation relating to an item of business on the Agenda are on file at City Hall where they are available for public inspection. If requested, the agenda shall be available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132.) Information may be obtained by calling (650) 726-8271.

In compliance with the Americans with Disabilities Act, special assistance for participation in this meeting can be obtained by contacting the City Clerk's Office at (650) 726-8271. A 48-hour notification will enable the City to make reasonable accommodations to ensure accessibility to this meeting (28 CFR 35.102-35.104 ADA Title II).

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SPECIAL REMOTE PROTOCOLS

This meeting will be held entirely by teleconference. All Committee members and staff will only participate via the Zoom platform using the process described below. The meeting is being conducted pursuant to recent amendments to the teleconference rules required by the Ralph M. Brown Act allowing teleconferencing during a proclaimed state of emergency when local officials have recommended social distancing (AB 361). The purpose of AB 361 is to provide the safest environment for the public, elected officials, and staff while allowing for continued operation of the government and public participation during the COVID-19 pandemic.

This meeting will be conducted via Zoom Webinar. Members of the public are welcome to login into the webinar as attendees. During any public comment portions, attendees may use the "raise your hand" feature and will be called upon and unmuted when it is their turn to speak. The meeting will also be streamed on Channel 27, on pacificcoast.tv. Please click to join the webinar: <https://us02web.zoom.us/j/82012125948> or join by phone at (669) 900-9128, using Webinar ID 820 1212 5948

- A. Welcome & Roll Call
- B. Election of Chair and Vice Chair
- C. Acknowledgement of Meeting Notes
 - 1. July 23, 2020
- D. Public Comments
- E. Informational and Discussion Items
 - 1. Project Status
 - 2. Visual Simulations
 - 3. Project Cost & Schedule
- F. Motion to Adjourn



CITY OF HALF MOON BAY

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MAIN STREET BRIDGE ADVISORY COMMITTEE

Meeting Notes

Thursday, July 23, 2020 - 6:00 P.M.

Meeting Location:

ZOOM meeting

A. Welcome & Roll Call

Present: Brian Douglas, Dave Cresson, Charles Nelson, Ruth Brown, Jerry Steinberg, Jennifer Segale, Rick Hernandez, Kathleen Martin, Guy Rabbat

Absent: Steve Hyman

Staff in Attendance: John Doughty, Ray Razavi, Doug Garrison, Sheri Saisi
City Consultants (Biggs Cardoso): Mahvash Harms, Anthony Richardson

B. Election of Chair and Vice Chair

John Doughty provided an overview of the Committee and requested that the election of the Chair and Vice Chair be moved to the next meeting. The motion passed unanimously.

C. Acknowledgement of Meeting Notes from June 27, 2019 Meeting

The Committee acknowledged the 6/27/2019 meeting notes.

D. Public Comments

One member of the public was present at the Zoom meeting however, there were no comments.

E. Informational and Discussion Items

1. Project Status

Ray Razavi recapped the results of the previous meeting where the Committee reaffirmed the proposed selection and design of the barriers per the new FHWA requirement. Following the Committee meeting, a presentation was made to the City Council where the staff was directed to proceed with the design of the bridge using the proposed barrier which complies with the new federal MASH (Manual for Assessing Safety Hardware) regulations. Anthony Richardson summarized the status of the design as follows:

- Topographic survey and channel survey are completed
- Geotechnical Engineering - investigation and preliminary reporting are completed
- Utility Coordination – AT&T Vault Relocation is 95% complete.
- Preliminary Design: Preliminary design has been completed, including seismic analysis and structural design, roadway and sidewalk alignment, coordination with the new park entrance, new crosswalk, and replacement bridge barriers.
- Hydraulics – preliminary hydrology and hydraulic analysis completed, preliminary scour mitigation (RSP) design completed.
- Environmental Compliance – Area of Potential Impact (APE) Map is currently being revised to reflect the 35% design.
 - Historic Resource Evaluation Report (HRER) has been completed and submitted to Caltrans. Next steps are to revise the report to incorporate Caltrans' comments and resubmit along with APE to Caltrans.
 - Prepare Finding of Effect (FOE) document for Caltrans review. This document confirms there are no significant adverse effects on the historic fabric of the bridge and is a key document in gaining environmental clearance. Visual simulations of the completed project have been prepared to accompany the FOE document.
 - Biological surveys based on the revised APE and report preparation have been scheduled and will be completed within the next 2 months.
 - Archeological investigation plan based on the revised APE are being completed to submit for Caltrans approval.

Issues related to the Historic Aspect of the Bridge:

The concrete arch and the spandrel walls are historically significant, and no major changes are proposed as part of this project. Limited surface repairs of cracks and spalls and surface coatings are proposed and will be overseen by the project historic architect to ensure the repair work is appropriate. New surface coatings will be suitable for cleaning and repainted by the City Department of Public Works maintenance crews if needed. The existing timber sidewalks and railings are of no historic significance and are proposed to be replaced with a new concrete walkway.

The existing Main Street Bridge barriers are part of the historic look of the bridge. Per Measure F, the City must preserve the historic look of these barriers even if the barriers need to be strengthened internally and reconstructed. Caltrans historians also commented on the importance of maintaining the overall appearance and user experience of the bridge.

As part of the seismic retrofit of the bridge, a new concrete slab will be installed over the existing concrete arch which has been selected to minimize the impact and modifications to the historic concrete arch. In order to accommodate the thickness of this concrete cover slab, the asphalt surface of the roadway over the bridge needs to be raised by 9 inches at the center of the bridge. This will be accommodated by adding a slight curved profile to the roadway, which will improve drainage on the bridge. This curvature has been incorporated into the visual simulations.

2. Visual Simulations

Ray Razavi and Anthony Richardson presented four visualization slides of the bridge for from different angles; looking north on the bridge, looking south on the Bridge, looking from above and looking from below.

The Committee discussed the bridge deck profile, the barriers for the vehicles and pedestrians, the proposed work on the wing walls, the rip rap protecting the foundation as well as the proposed new pedestrian crossing on the south side of the bridge. The Committee requested additional safety measures such as expanded bulb-outs and flashing lights. **Staff committed to modify the design for additional possible safety features and bring back to the Committee for their review.**

In response to the Committee questions, staff discussed the proposed detour plan and the one-way southbound proposed traffic on the bridge during the construction phase. **The Committee requested that the Detour Plan, once completed, to be brought to the Committee for their review.**

After discussing the proposed bridge roadway geometry with the Committee, **staff committed to adding “BOTTS” to the median as well as “Sharrows” for bicycles.**

Following the staff presentation, the Committee approved the direction of the project via the following Motion:

The Committee unanimously approved the Motion that in accordance with the visual simulations, the proposed design maintains the historic integrity of the bridge and to proceed with the final design and environmental clearance, and to obtain Caltrans/FHWA approval.

3. Project Schedule

The project schedule was discussed as follows:

- Design, Environmental Clearance and Permitting 2021
- Construction Bidding and Award (Pending allocation of Federal funds) 2022
- Construction 2024

F. Motion to Adjourn

The meeting was adjourned at 7:30 pm.