



CITY OF MORRO BAY PUBLIC WORKS ADVISORY BOARD AGENDA

The City of Morro Bay provides essential public services and infrastructure to maintain a safe, clean and healthy place for residents and visitors to live, work and play.

REGULAR MEETING
Wednesday, April 19, 2023 – 5:30 PM
Veterans Memorial Hall
209 Surf Street, Morro Bay, CA

Public Participation:

Public participation is allowed in the following ways:

- *Community members may attend the meeting in person at the Morro Bay Veterans Hall.*
- *Alternatively, members of the public may watch the meeting and speak during general Public Comment or on a specific agenda item by logging in to the Zoom webinar using the information provided below. Please use the “raise hand” feature to indicate your desire to provide public comment.*

Please click the link below to join the webinar:

- <https://us02web.zoom.us/j/82722747698?pwd=aWZpTzcuTHlRTk9xaTlmVVNWRWFUQT09>

Password: 135692

- *Or Telephone Attendee: 1 (408) 638-0968 or 1 (669) 900-6833 or 1 (346) 248-7799; Webinar ID: 827 2274 7698; Password: 135692; Press *9 to “Raise Hand” for Public Comment*
- *Members of the public may watch the meeting either on cable Channel 20 or as streamed on the City [website](#).*
- *Community members are encouraged to submit agenda correspondence in advance of the meeting via email to the Public Works Advisory Board at pwab@morrobayca.gov prior to the meeting. Agenda Correspondence received at pwab@morrobayca.gov by 10 a.m. on the meeting day will be posted on the City website.*

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

PUBLIC COMMENT

Members of the audience wishing to address the Board on City business matters not on the agenda may do so at this time. For those desiring to speak on items on the agenda, but unable to stay for the item, may also address the Board at this time.

A. CONSENT CALENDAR

Unless an item is pulled for separate action by the Public Works Advisory Board, the following actions are approved without discussion. The public will also be provided an opportunity to comment on consent agenda items.

A-1 APPROVAL OF MINUTES FOR THE FEBRUARY 15, 2023, PUBLIC WORKS ADVISORY BOARD REGULAR MEETING

Recommendation: Approve as submitted.

A-2 APPROVAL OF EXCUSED ABSENCE REQUEST FOR BOARD MEMBER ROGERS

Recommendation: Approve requested absence for the April 19, 2023, May 17, 2023, and June 21, 2023 Public Works Advisory Board meetings.

A-3 APPROVAL OF EXCUSED ABSENCE REQUEST FOR BOARD MEMBER GOLDMAN

Recommendation: Approve requested absence for the April 19, 2023 Public Works Advisory Board meeting.

B. BUSINESS ITEMS

B-1 PUBLIC WORKS DEPARTMENT HIGHLIGHTS - Verbal

Recommendation: Information item, no action needed.

B-2 CITY PARK TRANSIT HUB IMPROVEMENTS TREE REPLACEMENT PLAN

Recommendation: Review the City Park Transit Hub Improvements Plan and Tree Replacement Options and provide input on the plan to use the Majestic Beauty Indian Hawthorn and the Purple Leaf Plum tree species for re-planting as part of the project.

B-3 CONSIDERATION OF RECOMMENDATION OF A CONSOLIDATED PERMIT APPLICATION WITH THE COUNTY OF SAN LUIS OBISPO TO THE CALIFORNIA COASTAL COMMISSION FOR THE MORRO BAY TO CAYUCOS CONNECTOR TRAIL PROJECT

Recommendation: Staff recommends the Public Works Advisory Board review and concur with staff's upcoming recommendation to the City Council at their meeting on Tuesday, April 25, 2023, to authorize the City Manager to submit a consolidated permit application with the County of San Luis Obispo for the Morro Bay to Cayucos Connector Trail project.

B-4 UPDATE ON 2023 CITYWIDE SPEED SURVEY

Recommendation: Receive presentation on the draft Citywide Speed Survey presented by Central Coast Transportation Consulting (CCTC) and provide feedback and comments while the draft is being finalized for approval by the City Engineer and adoption by the City Council.

B-5 CAPITAL PROJECTS UPDATE

Recommendation: Information item, no action needed.

C. FUTURE AGENDA ITEMS

Tree Ordinance

Sidewalk Repair Project Presentation

Engineering Trees Replacement Plan

D. ADJOURNMENT

The next Regular Meeting will be held on **Wednesday, June 19, 2023 at 5:30 PM.**

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 WORKS DEPARTMENT, 955 SHASTA AVENUE, FOR ANY REVISIONS OR CALL THE DEPARTMENT AT 805-772-6263 FOR FURTHER INFORMATION.

MATERIALS RELATED TO AN ITEM ON THIS AGENDA SUBMITTED TO THE PUBLIC WORKS ADVISORY BOARD AFTER DISTRIBUTION OF THE AGENDA PACKET ARE AVAILABLE FOR PUBLIC INSPECTION UPON REQUEST BY CALLING THE DEPARTMENT AT 805-772-6263.

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN A CITY MEETING, PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT LEAST 24 HOURS PRIOR TO THE MEETING TO ENSURE REASONABLE ARRANGEMENTS CAN BE MADE TO PROVIDE ACCESSIBILITY TO THE MEETING.

AGENDA ITEM: <u>A-1</u>
DATE: <u>April 19, 2023</u>
ACTION: _____

Pursuant to Assembly Bill 361 (2021-22) and Government Code section 54953 this Meeting will be conducted in a hybrid format with both in-person and virtual public participation.

- | | | |
|----------|-------------------|----------------------------------|
| PRESENT: | Laurie Beale | Vice Chair |
| | John Erwin | Board Member |
| | Jan Goldman | Board Member |
| | Ian Gaffney | Board Member |
| | Joseph Ingrassia | Board Member |
| | Robert Nava | Board Member |
| ABSENT: | Doug Rogers | Chair |
| STAFF: | Greg Kwolek | Public Works Director |
| | Eric Riddiough | City Engineer |
| | Damaris Hanson | Utilities Division Manager |
| | Janeen Burlingame | Management Analyst |
| | Paul Amico | WRF Program Manager |
| | Dan Heimel | Confluence Engineering Solutions |

ESTABLISH QUORUM, CALL TO ORDER
The meeting was called to order at 5:31 PM with all Board members in attendance except for Board member Doug Rogers.

MOMENT OF SILENCE AND PLEDGE OF ALLEGIANCE

ANNOUNCEMENTS

Eric Riddiough gave an update on the January storm damage regarding pavement failure and voids noting repair will be started on the storm drain that crosses the Embarcadero.

Greg Kwolek announced the invitation to the Water Resource Center open house on February 23, 2023.

ELECTION OF CHAIR AND VICE CHAIR

Jan Goldman nominated John Erwin as Chair, and Robert Nava nominated Laurie Beale as Chair.

Laurie Beale accepted the nomination for Chair.

John Erwin stated he would consider being Vice Chair.

MOTION: Robert Nava moved to appoint Laurie Beale as Chair and John Erwin as Vice Chair. The motion was seconded by Ian Gaffney and carried 6-0 by roll call vote.

PUBLIC COMMENT - None

BUSINESS ITEMS

- A-1 APPROVAL OF MINUTES FOR THE NOVEMBER 16, 2022 PUBLIC WORKS ADVISORY BOARD REGULAR MEETING
<https://youtu.be/s4ge7YK28T0?t=610>

Greg Kwolek stated it was brought to staff's attention before the meeting there was an error in the spelling of public member Jim Curnutt's name that will be corrected.

The public comment period was opened, and seeing none, the public comment period was closed.

MOTION: Jan Goldman moved approval of the November 16, 2022 minutes as corrected. The motion was seconded by John Erwin and carried 6-0 by roll call vote.

A-2 APPROVAL OF MINUTES FOR THE OCTOBER 19, 2022 PUBLIC WORKS ADVISORY BOARD
REGULAR MEETING
<https://youtu.be/s4ge7YK28T0?t=691>

Greg Kwolek stated it was brought to staff's attention before the meeting there was an error in the spelling of public member Barry Branin's name that will be corrected.

The public comment period was opened, and seeing none, the public comment period was closed.

MOTION: Robert Nava moved approval of the October 19, 2022 minutes as corrected. The motion was seconded by Ian Gaffney and carried 6-0 by roll call vote.

A-3 PUBLIC WORKS DEPARTMENT HIGHLIGHTS
<https://youtu.be/s4ge7YK28T0?t=816>

Greg Kwolek presented highlights.

Discussion, comments and questions amongst Board members and staff.

The public comment period was opened, and seeing none, the public comment period was closed.

A-4 REVIEW OF WATER RECLAMATION FACILITY PROGRAM (WRF) CONTRACT
AMENDMENTS AND FISCAL YEAR 2023 Q2 WRF QUARTERLY REPORT
<https://youtu.be/s4ge7YK28T0?t=1554>

Greg Kwolek introduced the item; Paul Amico presented the staff report.

Discussion, comments and questions amongst Board members and staff.

Dan Heimel continued presenting the staff report.

The public comment period was opened, and seeing none, the public comment period was closed.

Greg Kwolek asked the Board members to provide feedback to give to the City Council.

Discussion, comments and questions amongst Board members and staff.

A-5 CONSIDERATION OF INSTALLATION OF A RED CURB TO CREATE A "NO
PARKING" ZONE AT 300-316 YERBA BUENA STREET
<https://youtu.be/s4ge7YK28T0?t=5040>

Board member Jan Goldman recused herself stating she lives in the area being discussed and left the dais.

Greg Kwolek introduced the item; Eric Riddiough presented the staff report.

Discussion, comments and questions amongst Board members and staff.

The public comment period was opened.

Jan Goldman, Morro Bay resident, presented her concerns regarding street parking.

Morro Bay condo resident presented his concerns about the line of sight from the driveway of the condo area.

Morro Bay resident near the condo presented her issues with the parking problem in the area and provided a letter to the Board from a neighbor who could not attend the meeting.

The public comment period was closed.

Greg Kwolek read the letter from a resident in the area who was unable to be at the meeting.

Discussion, comments and questions amongst Board members and staff.

MOTION: John Erwin moved to concur with the recommendation of ten (10) feet red curb to create a no parking zone on either side of the driveway. The motion was seconded by Robert Nava and carried 4-1 by roll call vote with Laurie Beale voting no and Jan Goldman recusing herself from this item.

Jan Goldman returned to the dais.

A-6 **CONSIDERATION OF REMOVAL OF EXISTING RED CURB AND INSTALL GREEN CURB FOR PARKING AT 698 MORRO BAY BOULEVARD**

<https://youtu.be/s4ge7YK28T0?t=7480>

Eric Riddiough presented the staff report.

The public comment period was opened, and seeing none, the public comment period was closed.

Discussion, comments and questions amongst Board members and staff.

MOTION: Laurie Beale moved to approve Item A-6. Joe Ingraffia seconded.

Discussion, comments and questions amongst Board members and staff.

Laurie Beale withdrew her motion.

Discussion, comments and questions amongst Board members and staff.

MOTION: John Erwin moved to maintain the design of ten (10) feet red curb no parking, add a parking space, and the type of parking will be left to the determination of the Public Works Department. Laurie Beale seconded and carried 6-0 by roll call vote.

B. **FUTURE AGENDA ITEMS**

<https://youtu.be/s4ge7YK28T0?t=8730>

John Erwin requested a status item for the FEMA recovery process.

Laurie Beale requested items about to the Storm Water Plan relating to the future of the plan, repairs that have been talked about, flood plain management issues and evaluate larger scale resiliency projects.

Robert Nava requested coming back with an inventory of assets, with condition, so could start prioritizing like the pavement management program.

C. **ADJOURNMENT**

The meeting adjourned at 7:59 PM. The next Regular Meeting will be held on Wednesday, March 15, 2023 at 5:30 PM.

Recorded by:

Gina Arias
Administrative Technician



AGENDA NO: A-2

MEETING DATE: April 19, 2023

Staff Report

TO: Public Works Advisory Board **DATE:** April 11, 2023
FROM: Greg Kwolek, Public Works Director
SUBJECT: Approval of Excused Absence Request for Board Member Rogers

RECOMMENDATION

Staff recommends the Public Works Advisory Board (PWAB) approve the request submitted by PWAB Member, Doug Rogers, to excuse his absence from the April 19, May 17, and June 21, 2023, Regular Public Works Advisory Board meetings.

ALTERNATIVES

The Board may choose not to excuse Mr. Rogers' absence from the April 19, May 17, and June 21, 2023 meetings.

BACKGROUND/DISCUSSION

In April 2022, the Council adopted Resolution No. 39-22 amending the By-Laws for all standing advisory bodies to establish a policy regarding absences. That policy, which is included in the current Advisory Bodies Handbook and By-Laws, states:

"Because of quorum requirements, when an absence is anticipated, the individual advisory body member is responsible for notifying the Chair and the staff responsible a minimum of seven days in advance and the absence shall be counted in that member's attendance record. An advisory body member may include a written request that the absence be excused; said request must be submitted in advance and formally approved at a regular meeting of the advisory body. The unexcused absence from two consecutive regular meetings or twenty-five (25) percent of the regular meetings during any calendar year period shall constitute the resignation of such absent member. An advisory body member determined to have not met the attendance requirements herein may submit a written request to the City Council to have the previous absences excused."

Staff received a request from PWAB member, Doug Rogers, for Board consideration to excuse his absence from the April 19, May 17, and June 21, 2023 regular meetings. Mr. Rogers' attached email details his reason for the absences which staff accepts as reasonable and warrants Board consideration. Mr. Rogers has no excused and one unexcused absence in the 2023 calendar year period. Should the Board approve Mr. Rogers' request, his term on the PWAB will continue through January 31, 2024.

CONCLUSION

Staff recommends the Board approve Mr. Rogers' request for an excused absence from the April 19, May 17, and June 21 2023 Regular Public Works Advisory Board meetings.

ATTACHMENTS

1. Request for Excused Absence submitted by Mr. Rogers
2. Link to [Advisory Bodies Handbook and By-Laws](#)

Prepared By: JB

Dept Review: GK

Janeen Burlingame

From: Greg Kwolek
Sent: Tuesday, March 14, 2023 11:04 AM
To: Doug Rogers
Cc: Janeen Burlingame
Subject: RE: Rogers

Thanks Doug.

From: Doug Rogers [REDACTED]
Sent: Tuesday, March 14, 2023 11:03 AM
To: Greg Kwolek <gkwolek@morrobayca.gov>
Subject: Rogers

Hello Greg, as discussed, my business has endured extreme natural gas price shock and is financially reeling as a result.

Please excuse me for the next few months from the PWAB as I work to stabilize the company and keep my people paid.

Best regards, Doug Rogers



AGENDA NO: A-3

MEETING DATE: April 19, 2023

Staff Report

TO: Public Works Advisory Board **DATE:** April 11, 2023
FROM: Greg Kwolek, Public Works Director
SUBJECT: Approval of Excused Absence Request for Board Member Goldman

RECOMMENDATION

Staff recommends the Public Works Advisory Board (PWAB) approve the request submitted by PWAB Member, Jan Goldman, to excuse her absence from the April 19, 2023, Regular Public Works Advisory Board meeting.

ALTERNATIVES

The Board may choose not to excuse Ms. Goldman's absence from the April 19, 2023 meeting.

BACKGROUND/DISCUSSION

In April 2022, the Council adopted Resolution No. 39-22 amending the By-Laws for all standing advisory bodies to establish a policy regarding absences. That policy, which is included in the current Advisory Bodies Handbook and By-Laws, states:

"Because of quorum requirements, when an absence is anticipated, the individual advisory body member is responsible for notifying the Chair and the staff responsible a minimum of seven days in advance and the absence shall be counted in that member's attendance record. An advisory body member may include a written request that the absence be excused; said request must be submitted in advance and formally approved at a regular meeting of the advisory body. The unexcused absence from two consecutive regular meetings or twenty-five (25) percent of the regular meetings during any calendar year period shall constitute the resignation of such absent member. An advisory body member determined to have not met the attendance requirements herein may submit a written request to the City Council to have the previous absences excused."

Staff received a request from PWAB member, Jan Goldman, for Board consideration to excuse her absence from the April 19, 2023 regular meeting. Ms. Goldman's attached email details her reason for the absence which staff accepts as reasonable and warrants Board consideration. Ms. Goldman has no excused and no unexcused absences in the 2023 calendar year period. Should the Board approve Ms. Goldman's request, her term on the PWAB will continue through January 31, 2025.

CONCLUSION

Staff recommends the Board approve Ms. Goldman's request for an excused absence from the April 19, 2023 Regular Public Works Advisory Board meeting.

ATTACHMENTS

1. Request for Excused Absence submitted by Ms. Goldman
2. Link to [Advisory Bodies Handbook and By-Laws](#)

Prepared By: JB

Dept Review: GK

Janeen Burlingame

From: Jan Goldman [REDACTED]
Sent: Saturday, February 25, 2023 2:10 PM
To: Greg Kwolek
Cc: Eric Riddiough; Janeen Burlingame
Subject: PWAB meeting....April

CAUTION: This is an external email. Please take care when clicking links or opening attachments.

Greg,

Before I stepped up to fill the vacant seat on the PWAB board, I had committed to a trip with friends to Spain and Portugal. I will not be home in time for the meeting on Wednesday, April 19th. I'm requesting permission to be absent on that date.

Jan Goldman



AGENDA NO: B-2

MEETING DATE: April 19, 2023

Staff Report

TO: Public Works Advisory Board

DATE: April 6, 2023

FROM: Pamela Newman, Associate Engineer

SUBJECT: City Park Transit Hub Improvements Tree Replacement Plan

RECOMMENDATION

Staff recommends that the Public Works Advisory Board (PWAB) review the City Park Transit Hub Improvements Plan and Tree Replacement Options and provide input on the plan to use the Majestic Beauty Indian Hawthorn and the Purple Leaf Plum tree species for replanting as part of the project.

BACKGROUND

The City Park transit hub is served by the San Luis Obispo Regional Transit Authority (RTA) and the San Luis Coastal Unified School District (SLCUSD), as well as the City's Morro Bay Transit program, which includes a year-round deviated fixed route and seasonal trolley services. The current bus shelter at City Park was constructed in the early 1980's and has not been significantly updated or improved since its initial construction.

On February 14, 2023, the City Council awarded the construction contract for the Transit Hub Improvements Project at City Park. The project addresses deficiencies identified in the initial study relating to lighting, ADA, safety, and seating capacity that would be addressed by providing improvements to vehicle pull in/pull out, wheelchair loading/unloading area, construction of new passenger shelters with improved visibility, installation of new benches, bike racks, lights, as well as ADA improvements to the sidewalk where transit vehicles pull in, crosswalk ramps at either end of the transit hub, and sidewalk access from the transit hub to the public restroom.

The new upgrades and location of shelters required the removal of two existing Red Flowering Gum (*Corymbia ficifolia* formerly known as *Eucalyptus ficifolia*) trees due to the uplifted sidewalks and sidewalk width expansion needed to comply with new transit standards and ADA requirements (see Attachment 1 for tree locations).

DISCUSSION

As part of the tree removal process, and as identified in the City's municipal code, removed trees are to be replaced on a two-to-one ratio. At the time of the pre-construction kick off meeting, the contractor notified City staff the tree species identified in the bidding specifications was not available locally and suggested alternatives that are available. These alternatives were reviewed by Public Works staff in order to determine which trees would be of the appropriate size in the locations where they would be planted in order to keep the character of the park and accommodate layout for the variety of uses that it has including the annual Art in the Park series of events. A list of available alternative tree recommendations with images and highlights can be found on Attachment 2 for

Prepared By: PN

Dept Review: _____

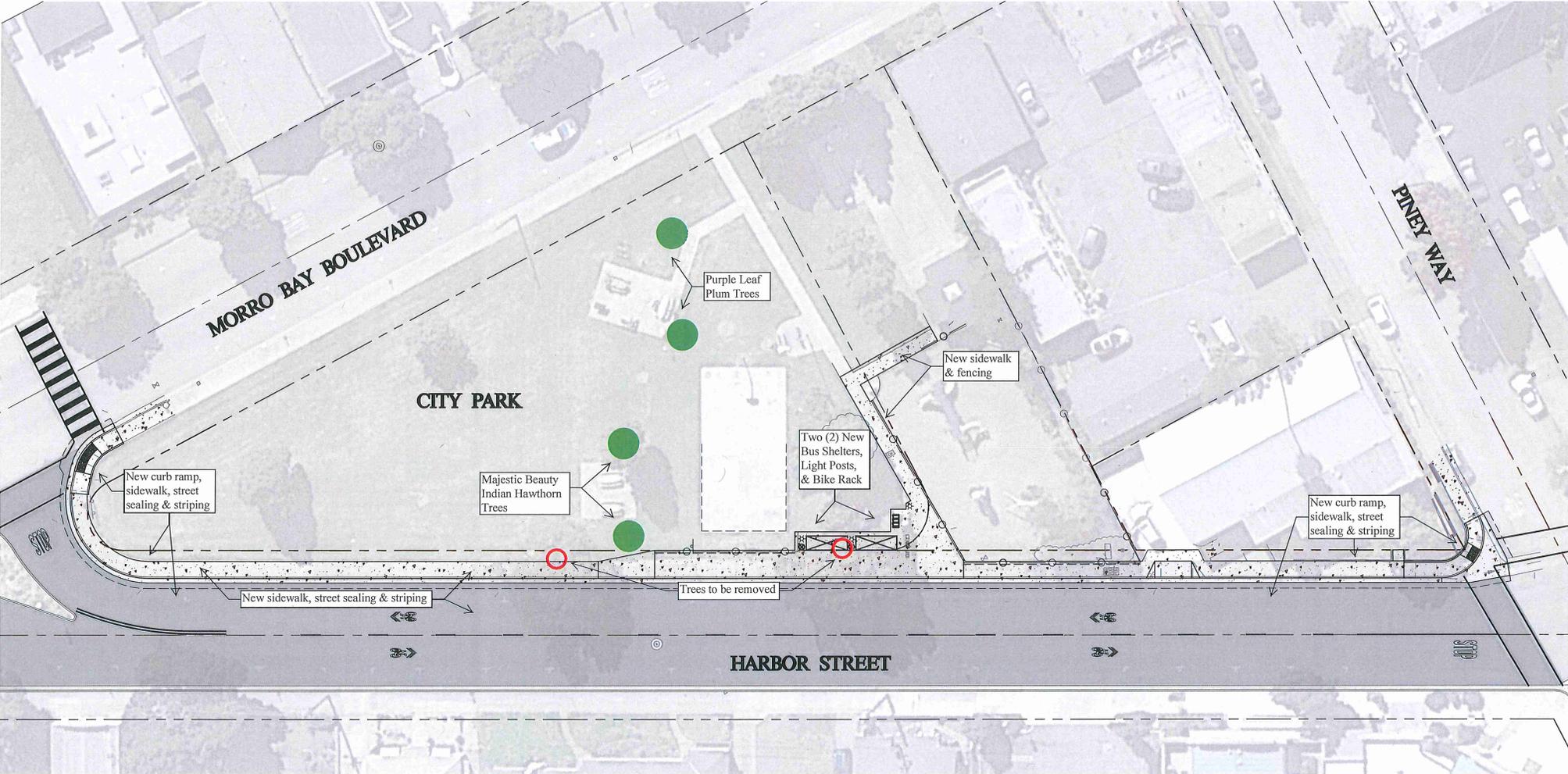
PWAB to review and provide comments to staff on selecting two replacement species for the two trees being removed as part of the project. Staff recommends selecting the Majestic Beauty Indian Hawthorn and Purple Leaf Plum from the list as they will offer color and height diversity that will complement the existing larger tree species at the park (see Attachment 1 for replanting locations).

CONCLUSION:

Staff asks that the Public Works Advisory Board (PWAB) review the City Park Transit Hub Improvements Plan and Tree Replacement Options and provide input on staff's recommendation of use of the Majestic Beauty Indian Hawthorn and Purple Leaf Plum as trees for replanting at City Park.

ATTACHMENTS

1. City Park Transit Hub Improvement Plan
2. City Park Transit Hub Improvement Tree Replacement Options



City Park Transit Hub Improvement Tree Replacement

1. Majestic Beauty Indian Hawthorn (*Raphiolepis* 'Majestic Beauty')



Pros:

- Small pink flowers in spring
- Drought Tolerant



Misc.:

- Evergreen (green year-round)
- Mature height 15'-20'
- Native to China

2. Purple Leaf Plum (*Prunus cerasifera* 'Krauter Vesuvius')



Pros:

- Purple leaves
- Small pink flowers in spring
- Drought Tolerant



Misc.:

- Deciduous (sheds leaves)
- Mature height 15'-20'
- Native to Western Asia

Trees Not Selected for Replacement

1. Chinese Elm (*Ulmus parvifolia*) – NOT RECOMMENDED

**Pros:**

- Colorful foliage in cold season
- Drought Tolerant

Cons:

- Too large with mature height 30'-70'
- Mature canopy width 35'-50'
- Messy fruit/seeds falling

Misc.:

- Semi-Deciduous (sheds some leaves)
- Native to Eastern Asia

2. Coast Live Oak (*Quercus agrifolia*) – NOT RECOMMENDED

**Pros:**

- Drought Tolerant

Cons:

- Too large with mature height 30'-70'
- Mature canopy width 30'-40'
- No colorful foliage or flowers
- Acorns drop
- Only available in 15 gal. size

Misc.:

- Evergreen (green year-round)
- Native to California

3. Monterey Cypress (*Cupressus macrocarpa*) – NOT RECOMMENDED

**Pros:**

- On City Street Tree List
- Drought Tolerant

Cons:

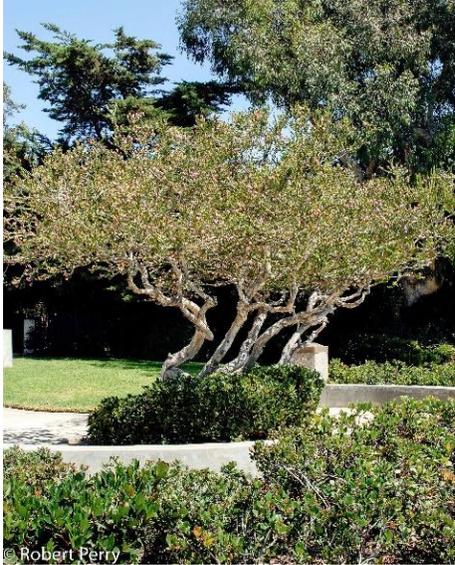
- Too large with mature Height 40'-70'
- Mature canopy width 30'-80'
- No colorful foliage or flowers
- Only available in 15 gal. size

Misc.:

- Evergreen (green year-round)
- Native to California

Trees Not Selected for Replacement

4. Pink Melaleuca (*Melaleuca nesophila*) – NOT RECOMMENDED



- Pros:**
- On City Street Tree List
 - Small lavender/pink flowers
 - Drought Tolerant
- Cons:**
- Canopy too low to ground
 - Multi-trunk only
 - Only available in 15 gal. size

- Misc.:**
- Evergreen (green year-round)
 - Native to Australia
 - Mature Height: 15'-20'

5. Strawberry Madrone (*Arbutus marina*) – NOT RECOMMENDED



- Pros:**
- On City Street Tree List
 - Small white/pink flowers
 - Drought Tolerant
- Cons:**
- Messy due to fruit

- Misc.:**
- Evergreen (green year-round)
 - Native to Europe
 - Mature Height: 25'-35'

6. Toyon (*Heteromeles arbutifolia*) – NOT RECOMMENDED



- Pros:**
- On City Street Tree List
 - Small white flowers in spring
 - Drought Tolerant

- Cons:**
- Canopy too low to ground

- Misc.:**
- Evergreen (green year-round)
 - Mature height 8'-10'
 - Multi-stem



AGENDA NO: B-3 MEETING DATE: April 19, 2023
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Staff Report

TO: Public Works Advisory Board **DATE: April 13, 2023**

FROM: Gregory Kwolek, Public Works Director

SUBJECT: Consideration of Recommendation of a Consolidated Permit Application with the County of San Luis Obispo to the California Coastal Commission for the Morro Bay to Cayucos Connector Trail Project

RECOMMENDATION

Staff recommends the Public Works Advisory Board review and concur with staff’s upcoming recommendation to the City Council at their meeting on Tuesday, April 25, 2023, to authorize the City Manager to submit a consolidated permit application with the County of San Luis Obispo for the Morro Bay to Cayucos Connector Trail project.

BACKGROUND/ DISCUSSION

The planned Morro Bay to Cayucos Connector Trail is a County of San Luis Obispo project that plans to connect Morro Bay and Cayucos with a multi-use trail. Locally, it would provide safe access to pedestrians and cyclists between the two communities. A full description of the project, which was provided by the San Luis Obispo County Department of Parks and Recreation, is attached. The trail proposes to begin in Cloisters Park, going north by way of Sandalwood Avenue and Beachcomber Street, then a short ride east on Yerba Buena and north again on Toro Lane. After Toro Lane, the trail runs through the North Point natural area, where it then goes past Morro Bay Dog Beach and into the County to the community of Cayucos.

The connector trail project was originally conceived approximately 15 years ago. In 2010, the County obtained certification for an Environmental Impact Report (EIR), which did not include the trail running along Toro Lane, but instead had the trail run parallel on State Highway 1. This plan was ultimately abandoned due to safety reasons, which are explained in Attachment 2, and the County then prepared an Addendum to the EIR in 2022 that included the Toro Lane alignment. During the planning, environmental, and engineering phase of the project, the County presented the project to the City Council (June 2011), the City Public Works Advisory Board (February 2015), and the City Planning Commission (January 2021). The County then was awarded a \$7.4 Million Active Transportation Grant for construction of the trail, and the County now has requested the City of Morro Bay join the County in submitting a consolidated permit application to the California Coastal Commission. A consolidated permit application with the City of Morro Bay is required because two segments of the trail are within the City’s boundaries. Successful receipt of this approved permit will allow the County to move forward with the project.

Shortly after learning of the project’s new route along Toro Lane, a representative of the North Point Morro Bay Homeowners Association (NPMBHOA) reached out to the City with concerns about the new route. These concerns are outlined in Attachment 3. The City has reviewed these concerns and has met with representatives of the NPMBHOA. The City staff and attorneys and the NPMBHOA representatives and their attorneys disagree on whether the concerns raised by NPMBHOA cause the proposed project to be overturned, if approved by the Coastal Commission..

NPMBHOA has been notified that this matter is on the PWAB agenda.

ATTACHMENTS

1. Project Description (provided by County)
2. Justification for Increased Trail Width and Toro Lane Alternative (Provided by County)
3. NPMBHOA Letter to the City listing concerns about the Toro Lane Route
4. Bike SLO County Letter of Support

Prepared By: <u> GK </u>	Dept Review: <u> GK </u>
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The Morro Bay to Cayucos Connector Trail

Morro Bay to Cayucos Connector Trail



Project Description

The Morro Bay to Cayucos Connector trail would complete an important segment in the non-motorized transportation network along Highway 1. The project corridor would extend from Cloisters Park in the City of Morro Bay north to the site of Norma Rose Park in the community of Cayucos. The project is a completion of the bikeway network between these two locations. It would include signing existing bikeways where cyclists share the street with vehicles and development of a new dedicated bikeway and pedestrian corridor, completely separated from traffic where no bikeways currently exist.

The proposed project would incorporate the following general design criteria:

- Existing Class III bikeways within the project corridor would be signed as such and identified as part of the Morro Bay to Cayucos Connector. □
- The Class I bikeway would be 16 feet wide (two 6-foot travel lanes, and two 2-foot shoulders on each side).
- Bridge segments would be 16 feet wide, inside railing to inside railing.
- Segments within 5 feet of the Highway 1 edge of pavement would include a 32-inch-high concrete barrier, unless adequate vertical separation exists.
- Where conflicts could occur between motorists and the Class I bikeways users (at the Pier Landing parking area, for example), the barrier would be designed to accommodate continued pedestrian access across the bikeway while separating users from parking areas.

- At-grade segments of the bikeway would be composed of asphaltic-concrete paving over approximately 6 inches of compacted aggregate base.
- Three interpretive signs pull out areas. (Bio mitigation measure 3)

Due to the relatively long project corridor and linear nature of the project, the bikeway component is broken into five segments for discussion. Segment 1 and Segment 5 include the existing bikeways in the project corridor. Segments 2 through 4 include the new Class I bikeway.

Segment 1:

Cloisters Park to Yerba Buena Street Segment 1, the southernmost segment, would begin at Cloisters Park in Morro Bay. This segment would follow an existing Class I bikeway through the park (this same bikeway heads south to downtown Morro Bay as well, although it is not a part of the proposed project). Once leaving the park, the segment follows Sandalwood and Beachcomber Drives to Yerba Buena Street. This segment is approximately 1.3 miles and is identified as a “recreational route” on the County Bike Map. Segment 1 incorporates existing parking facilities for the project at Cloisters Park, the end of Azure Street, and at Morro Strand State Beach. No improvements other than signage of the route are proposed for this segment. This segment links with Segment 2 on Yerba Buena Street adjacent to Highway 1.

Segment 1 Site Plan From EIR

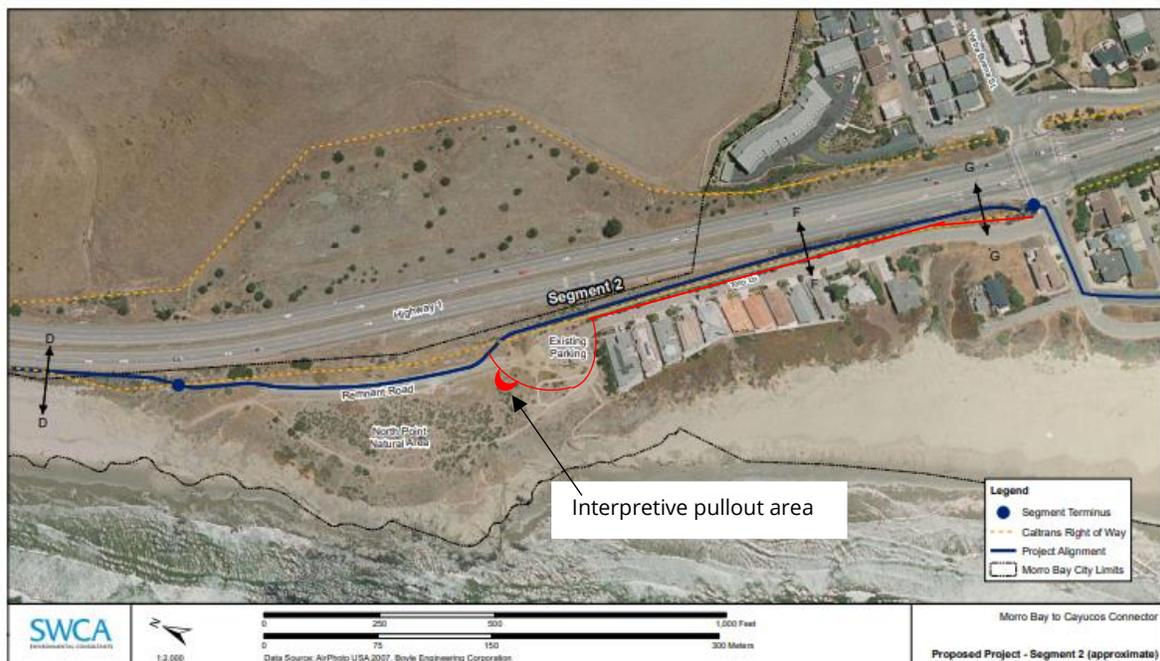


No updated plan sheets are provided for this segment because project proposes no new construction in this segment, only bike lane striping and signage along existing bike paths in Morro Bay.

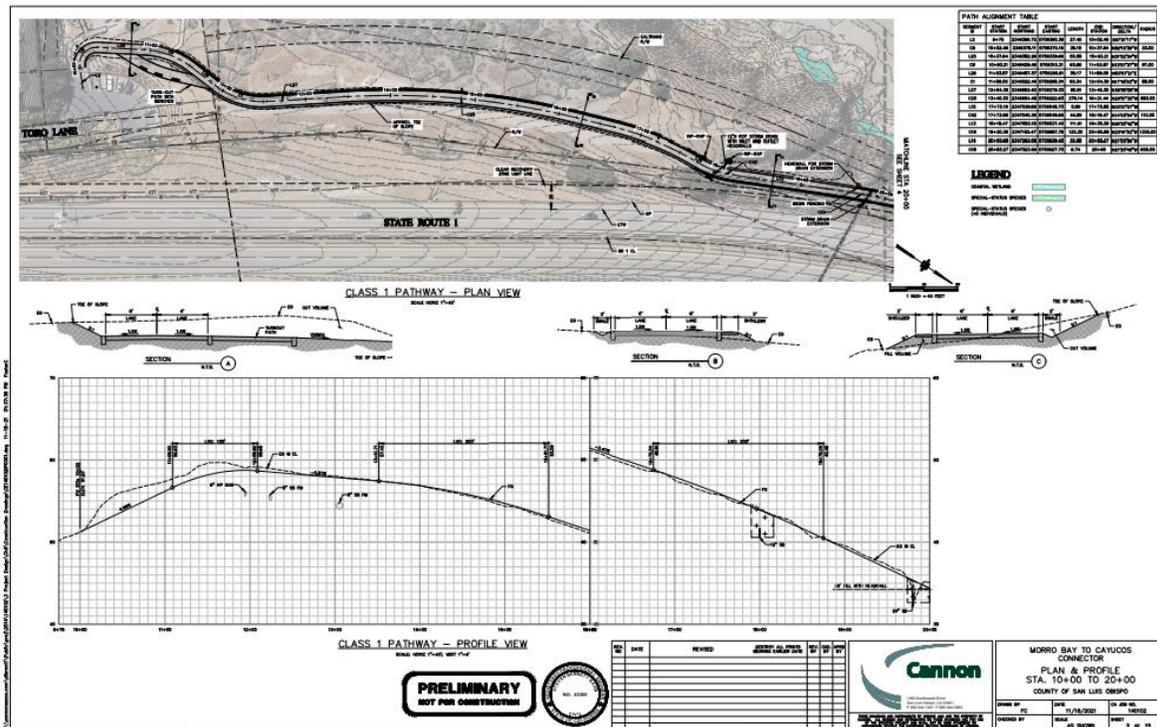
Segment 2

Yerba Buena Street to North Point Natural Area Segment 2 would be approximately 1,800 feet long and extend from the intersection of Yerba Buena Street and Highway 1 continuing north parallel to Toro Lane and Highway 1 and terminating just north of the NPNA. As Segment 2 would begin the bikeway would be located on Toro Lane for approximately 1,200 feet until where it turns west and wraps around the NPNA parking lot where it would turn northwest. Segment 2 would then parallel a partially paved, abandoned section of road (i.e., remnant road) within the NPNA for approximately 600 feet. The bikeway and an interruptive turn out area would be constructed at grade along the remnant road.

Segment 2 From EIR (Changes in Red)



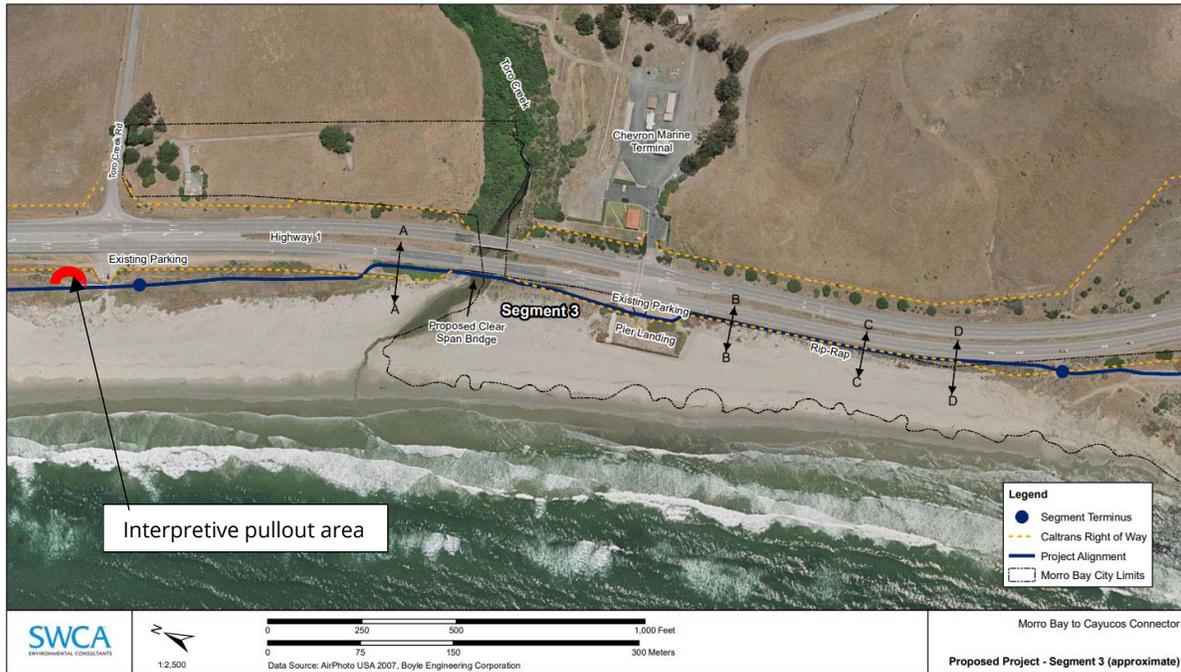
Segment 2 From Most Recent Plans



Segment 3:

North End of the NPNA to North Side of Toro Creek Segment 3 would be approximately 2,300 feet long and extend from the north end of the NPNA to the north side of Toro Creek. The topography is such in this area that retaining walls would be required to construct the bikeway. Due to the narrow width of bluff north of the NPNA, the bikeway would enter the Highway 1 ROW, this time adjacent to the edge of pavement. Retaining walls approximately 1 to 3 feet high would be required for approximately 600 feet on the western edge of this segment, and the proximity to Highway 1 would require that the barrier be located on the eastern edge of the segment, for a length of approximately 600 feet. Starting just south of Pier Landing and for the next 450 feet north, the bikeway would be constructed at grade. It would pass through the northern end of the informal parking area and approach Toro Creek. Segment 3 would require a new bridge across Toro Creek. The bridge would be a free-standing 120-foot span with a 6-inch thick, 16 foot wide surface, and two 4 foot deep steel girders resting on concrete piers outside of creek banks. The side rails would be wire fabric approximately 54 inches tall. The bridge deck would be at or slightly below the grade of Highway 1. After crossing Toro Creek, Segment 3 would require retaining walls for an additional 200 feet, at which point it would approach an existing informal parking area and Segment 4.

Segment 3 From EIR

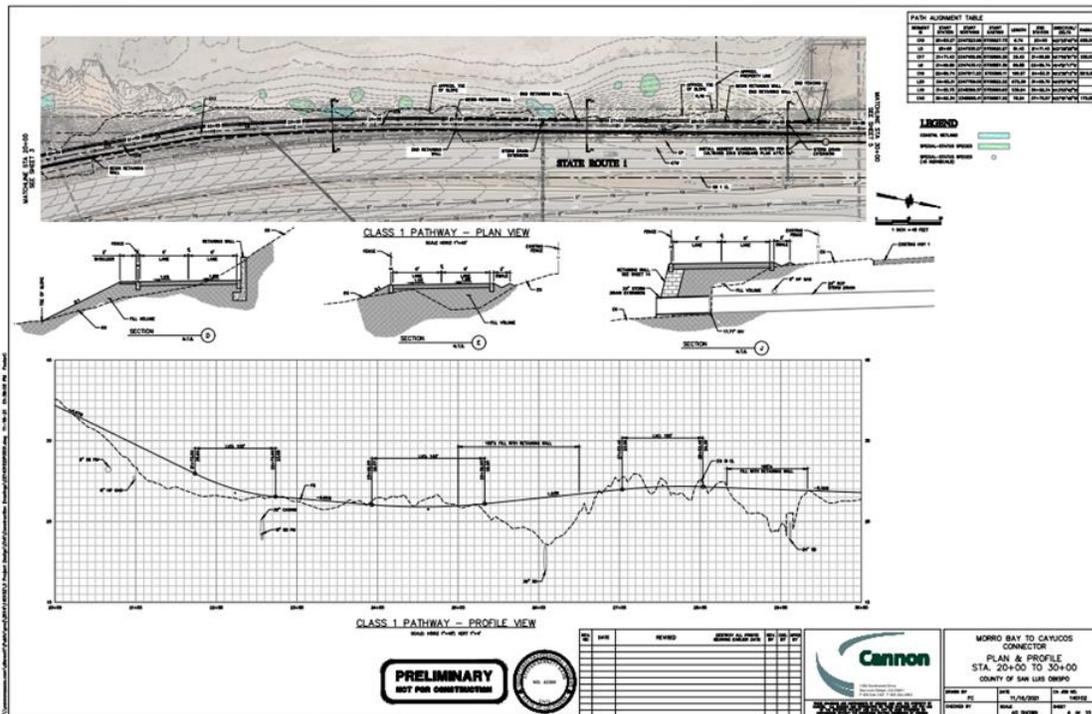


County of San Luis Obispo
General Services Agency

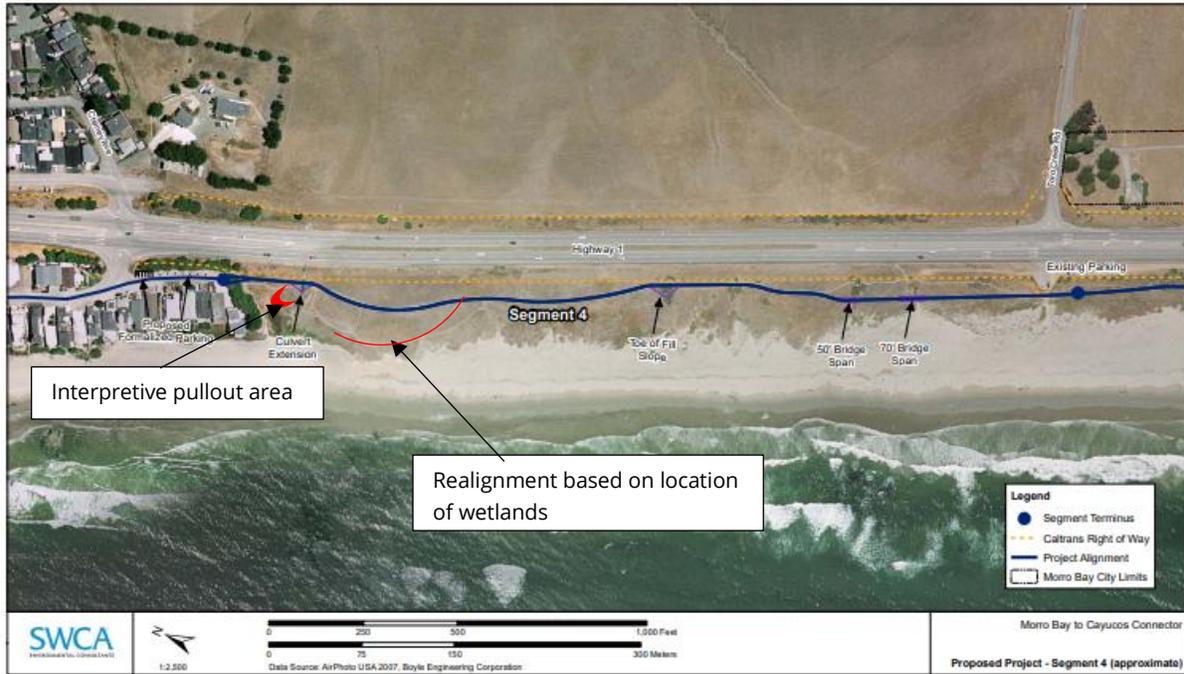
2-15

Morro Bay to Cayucos Connector
Draft Environmental Impact Report

Segment 3 From Most Recent Plans



Segment 4 From EIR (Changes in Red)

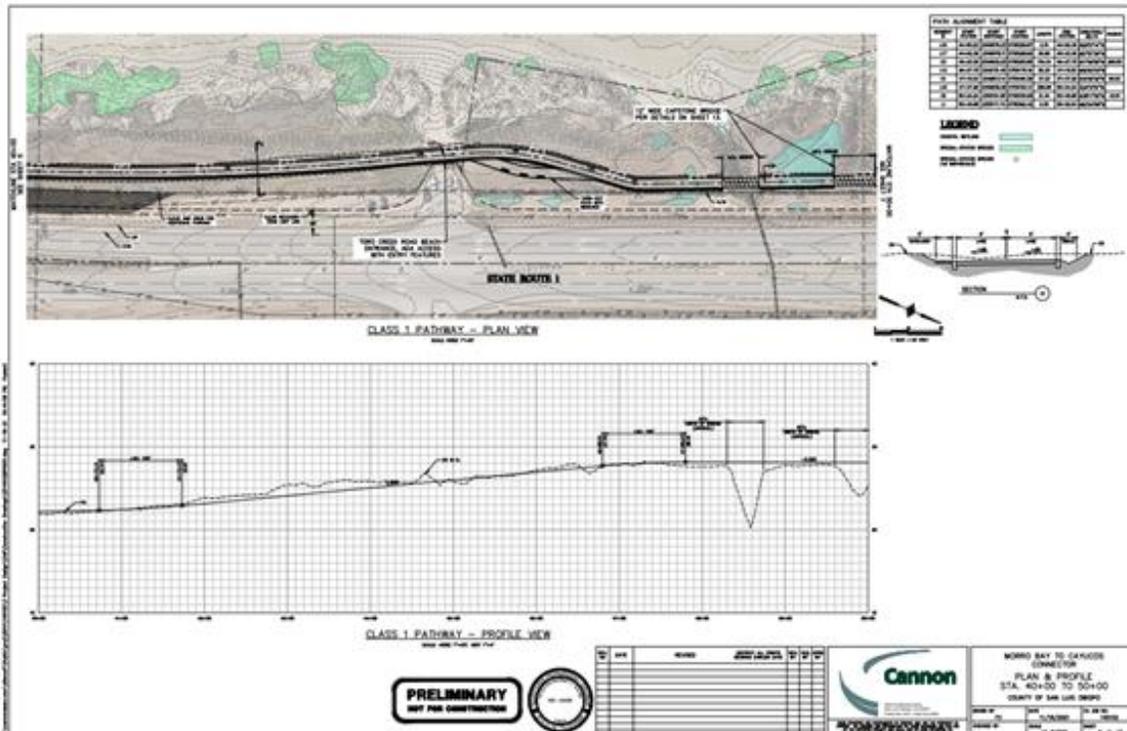


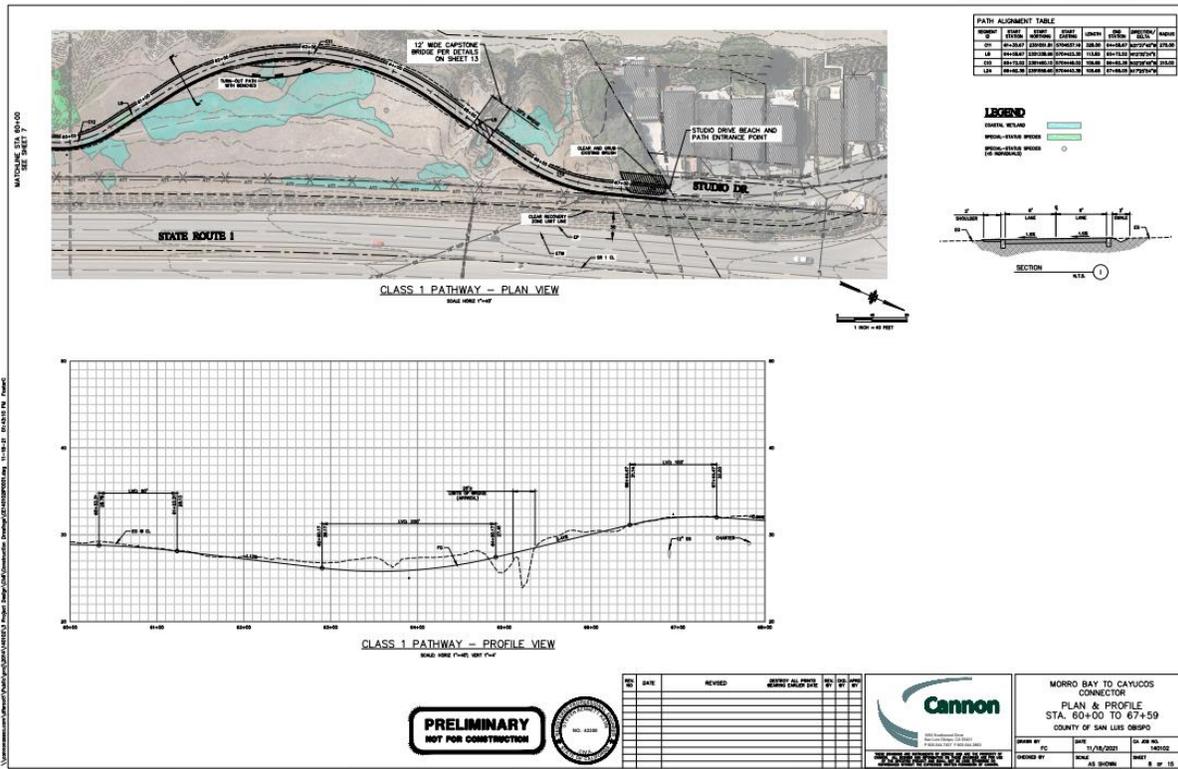
County of San Luis Obispo
General Services Agency

2-17

Morro Bay to Cayucos Connector
Draft Environmental Impact Report

Segment 4 From Most Recent Project Plans





Segment 5:

South End of Studio Drive to Norma Rose Park Segment 5 would extend from the South end of Studio Drive to the site of Norma Rose Park, approximately 6,600 feet, or 1.25 miles. This segment includes the existing parking area located at the south end of Studio Drive. The proposed project would formalize this parking area (which may accommodate 13 spaces) by adding striping. A small amount of additional pavement may also be necessary at this location. According to the County’s Bikeway Plan, Studio Drive is an existing Class III bikeway, although it is not currently signed as such. Segment 5 would follow Studio Drive to Old Creek Road where the segment would cross Highway 1 to another existing Class III bikeway on Ocean Boulevard. This crossing is considered the safest place to cross Highway 1, as it is currently signalized. From the intersection of Ocean Boulevard and Old Creek Road, the segment would head north to the site of the proposed Norma Rose Park where additional bikeways lead to downtown Cayucos via Ocean Boulevard and 13th Street. Alternatively, bikeway users could choose to remain on Studio Drive and reach the coastal access and parking lot at the north end of Studio Drive. No disturbance is proposed for Segment 5, other than signage and striping located on the south end of Studio Drive.

Segment 5 From EIR



County of San Luis Obispo
General Services Agency

2-19

Morro Bay to Cayucos Connector
Draft Environmental Impact Report

There are no updated plan sheets for this segment because project proposes no new construction in this segment, only bike lane striping and signage along existing bike paths in Cayucos.

Interpitve Pull Out Areas

Interpitve pull out areas will match those seen along bike paths in the city of Morro Bay. Pictured below is the interpitve pull out area from Cloisters Park which is in Segment 1 of the proposed trial alignment. These Interpitve area were added to be comlance with EIR mitigation measure BIO/mm-3 and will inform bikeway users of the ecology of bluff habitat, central foredune habitat, beach habitat, and plant and wildlife species that utilize the area.



Related Links

Morro Bay to Cayucos Connector Trail Project Plans

https://slocountyparks.com/wp-content/uploads/2021/12/140102-MORRO-BAY-TO-CAYUCOS-CONNECTOR_2021-11-18.pdf

Morro Bay to Cayucos Connector Trail Environmental Impact Report

https://slocountyparks.com/wp-content/uploads/2016/02/mb_to_cay_connector_final_eir_july_2010.pdf

Reasons to make the trail wider from 12 feet to 16 feet:

The 16-foot-wide trail (comprised of 12'-wide paved surface, with 2'- wide non-paved shoulders) is proposed only on the newly constructed portion of the trail (class I bikeway) along the North Point Natural Area and dog beach. It is not proposed where the trail is proposed along existing streets, including Toro Lane (class III bikeway). As proposed the trail here would be in the form of a sharrow, where bikes, pedestrians, vehicles, and other users share the street. This is the preferred street treatment used in the City of Morro Bay on nearby streets: Beachcomber Dr., Java St., and Sandalwood Ave. and by the County Public Works Department on Studio Drive on the north side of the newly constructed portion of the trail (class I bikeway). The new trail segment along North Point Natural Area and dog beach is proposed to be 16 feet wide (comprised of 12'-wide paved surface, with 2'- wide non-paved shoulders) to accommodate various users. It is anticipated the ocean view will create a distraction for trail users here. Creating space to maneuver around distracted trail users makes for a safer trail and a better user experience.

This trail is a multi-use trail. There will be pedestrians and people on bikes, also people on scooters, roller blades, e bikes, in wheelchairs and pushing strollers. Considering the location of this trail, on the bluffs above dog beach, it is expected that there will be people with dogs on leashes and folks carrying surf boards and beach gear using this trail. It is County Parks' experience with the 12-foot-wide Bob Jones Trail that each user has different widths, speeds, skills, and attention spans and the extra trail width is helpful in safely navigating this mix of users.

Why the segment of the trail was planned along Toro Lane instead of in Highway 1's right of way.

The main reason for this trail is to provide a pedestrian/bicycle path off Highway 1 between Morro Bay and Cayucos. Currently one has to walk/bike along Highway 1 adjacent to high-speed traffic. Safety is the biggest reason for this goal. Locating a segment of this trail onto Toro Lane, as a class III shared bikeway, delineated with sharrows, instead of along the shoulder of Highway 1 makes the users of this trail safer because they are completely separated from the high-speed traffic and high traffic volumes along Highway 1.

Highway 1 with its high-speed traffic is a major deterrent to walking/biking this one-mile segment. A recent survey of more than 150 people in Morro Bay shows:

- 85% of residents walk or bike within Morro Bay.
- 10% of residences walk or bike between Morro Bay and Cayucos.
- 75% of residents said the reason they don't walk or bike between Morro Bay and Cayucos is that they don't feel safe.
- 85% say they would walk or bike between these communities if there were a trail separated from Highway 1.

Biking or walking along Highway 1 is unacceptable to most residents. The traffic volumes and high speeds here along with the ocean view seen from Highway 1's right of way above Toro Lane will create a distraction making this trail segment less safe. Toro Lane is a low traffic volume and low speed non-through street, which is a much safer option. It will be similar to traveling along

Beachcomber Drive and many other streets in the City of Morro Bay that serve as bike routes. This is verified by the 85% of residents who walk or bike in Morro Bay and the 10% who walk or bike along Highway 1. Locating the trail along Highway 1's right of way will decrease the usability of the trail and make it less safe for those who use it.

Morro Bay City Council
Morro Bay, CA
March 13, 2023

Karl Levy
President, NPMBHOA

██████████
Morro Bay, CA 93442
████████████████████
████████████████████

Dear Morro Bay City Council members,

Congratulations and welcome to Mayor Wixom and the new City Council members. Thank you for your dedication and service to our great community.

Thank you for the opportunity to provide input to the city council again for the matter of the Cayucos-Morro Bay Connector Trail. We have provided input at a prior meeting (October 11, 2022) with the prior City Council.

I currently represent the 10 homeowners of the North Point Morro Bay HOA on Toro Lane. Our HOA owns and maintains the private section of Toro Lane (for private and public benefit) as well as providing labor and funding for items like new lighting and upkeep of the park at the end of our road. Our development funded the property exchange and development that enabled the North Point Natural area through agreements with the city, SLO county and the California Coastal Commission. Our HOA feels proud of the beauty, access and community harmony derived from our cooperative investment with Morro Bay.

Background

- The NPMBHOA has fully supported the concept of the trail connector since its inception in 2010. If implemented thoughtfully, it will add much to the communities and public experience.
- The trail design was changed recently to use Toro Lane as the primary conduit for the connector (instead of the land neighboring SR1). We were never notified nor asked to provide an easement for the expansion of use (thoroughfare) and increase in traffic density on our road. We became aware of this intention on or about 7/4/2022.
- There was an addendum to the EIR (ED 22-088, 6/24/22, not publicly circulated, attached) which indicated that the trail should be widened (to 16 ft) to handle expected high traffic and that Toro Lane would be used to save cost. There was no study of the effect on traffic, parking, safety and burden to the homeowners in this addendum.
- The private part of Toro Lane is a dead-end Fire Lane with curbing and no walkways. It is a narrow road (~23 ft), with 10 driveways and its easement-specified public use is limited for pedestrians, dogs, bikes, trucks and cars to reach the parking lot and beach. It is currently at its limit for harmony and safety between all.

Concerns with the current design plan

- The plan to use Toro Lane as the sole conduit for the trail thoroughfare has a host of public safety issues which have not been considered per CEQA guidelines. This is a unanimous opinion of the HOA residents who have lived here more than 20 years.
- The original plan (on record for >10 years) is a much safer and scenic alternative (above Toro Lane) is no longer being considered apparently due to the cost of engineering or construction.
- Expansion of the use of Toro Lane is an unfair change in the terms of the original land grants/easement agreement between the HOA and the city, county and state.
- The expansion of use for Toro Lane to include recreational use, passage to/from Cayucos and resulting higher intensity violates the current easement across our property.
- The use of Toro Lane as the conduit for the thoroughfare creates unfair additional burdens for the residents.

Request to the Morro Bay City Council

- Please recommend that the SLO County Parks Department amend the planned route of the trail connector to the space above Toro Lane.
- Please insist that there is sufficient consideration of safety of the bikeway and roadway wherever the trail will wind up. There has no study to date of the needed space and conflicts for cars, emergency vehicles, delivery and service trucks, people, dogs, bikes and e-bikes. This is a requirement per CEQA guidelines.

We very much appreciate the efforts of the departing city manager (Scott Collins) and the staff attention from the Public Works Department (Greg Kwolek, Eric Riddiough). They really have attempted to remedy the lack of notification and engagement. The offer to alleviate liability concerns and taking over maintenance of the street are very much appreciated. However, these do not mitigate the underlying consequences that will exist. There simply isn't enough room on the street, at the entrance to the park nor space in the parking lot to handle it. We project a sharp increase in traffic of all kinds in addition to the bikes resulting in parking and public safety issues (multi-use conflicts, speed, ebikes, narrow/tight turns, emergency vehicle accommodation, truck turnarounds, etc). We have been discussing alternatives with this group but have not yet addressed the major issues described above.

Our members are good and caring people and are not just concerned for their own properties. We are advocates of Morro Bay and are community-focused. We cannot, however, accept the current plans and the related issues. We are very concerned about our neighborhood and what our daily challenge would be with this new situation. I think that we all should feel that the solution does more good than harm, certainly. I do hope that you will consider our perspective in your deliberations today.

Sincerely,



Karl B. Levy
President, North Point Morro Bay Homeowners Association

CC: NPMBHOA board and members
Babak Naficy, C. Anthony Boyd, Maribel Aguilera


BIKE SLO COUNTY
bikeslocounty.org

March 20, 2023

Morro Bay City Council

The City of Morro Bay
 595 Harbor Street
 Morro Bay, CA 93442
 Phone: 805-772-6200
council@morrobayca.gov

RE: Support for the Morro Bay To Cayucos Trail Connector and Toro Lane Segment

Greetings Mayor Wixom and Council Members Barton, Ford, Edwards, and Landrum :

We, the Executive Director and Board President of Bike SLO County, strongly support San Luis Obispo County's Morro Bay to Cayucos Multi-use Trail Connector project. Bike SLO County is committed to serving our community by promoting improved bicycle safety through education and expanded infrastructure through advocacy. We offer many programs that serve our community, where we have more than 3600 stakeholders of all ages and abilities. And as part of our local community involvement, Bike SLO County will offer to provide a comprehensive SRTS on bike education to Del Mar and Cayucos Elementary schools.

The single biggest obstacle community members cite as to why they do not make more trips or commute by bicycle is the [lack of safety they feel](#) when riding on high speed roadways. The existing gap in the coastal trail between Morro Bay and Cayucos in San Luis Obispo County prevents most cyclists from traveling between these two towns along the existing alignment, CA-1, a high-speed highway. This highway does not have existing bike lanes, only a recovery zone on the highway shoulder, where it exists. Many potential riders will not cycle this route due to the proximity of swiftly moving motor traffic.

We believe that the Morro Bay to Cayucos Trail Connector will bridge a gap in our County's bicycle network that will create greater opportunities and connections for more riders of all ages and abilities, and importantly those who might take up cycling if inviting, safe routes are available. This project will provide a critical link that will facilitate and improve non-motorized transportation.

The City of Morro Bay's role in facilitating the short length of trail from Yerba Buena Street north on Toro lane is not to be understated. Those we need to encourage the most to take up cycling, the interested and concerned, will have an unnecessary point of refusal if forced next to the high speed, noisy traffic on Highway 1. We support efforts to work with the community along Toro Lane in order to gain their acceptance and even embrace this segment for its community value and the value bicycling and walking infrastructure bring to neighborhoods like theirs.

The Morro Bay to Cayucos Multi-use Trail Gap Closure project meets our mission to promote a safe, healthy and connected community through bicycling, and will directly serve a wide group of people from elementary school students to adults, residents, and visitors by building a safe and connected bikeway away from motor vehicles, and only for people who bike and walk. On behalf of Bike SLO County, we offer this letter of support for the Morro Bay to Cayucos



Connector Trail Project.

Sincerely,

Gary Havas
Board President

Rick Ellison
Executive Director

- Atascadero Road – Main Street to The Embarcadero (2008 speed zone)
- Avalon Street – Main Street to Laurel Avenue (2008 speed zone)
- Coleman Drive – The Embarcadero to Morro Rock (2008 speed zone)
- Main Street – Morro Bay State Park to Yerba Buena Street – 11 locations (2008 speed zone)
- Piney Way – Morro Bay Boulevard to Main Street – 2 locations (2008 speed zone)
- Quintana Road – South Bay Boulevard to Main Street – 3 locations(extended from 2008 speed zone)
- South Bay Boulevard – State Route 1 to Morro Bay City Limit – 2 locations (2008 speed zone)
- The Embarcadero – Beach Street to Coleman Drive (2008 speed zone)
- Coral Avenue – San Jacinto to south end (new speed zone)
- Easter Street – State Route 1 to west end (new speed zone)
- Kern Avenue – Morro Bay Boulevard to Ridgeway Street (new speed zone)
- Kings Avenue – Quintana Road to Pacific Avenue (new speed zone)
- Ironwood Avenue – State Route 41 to Del Mar Park – 2 locations (new speed zone)
- Morro Bay Boulevard – Piney Way to Quintana Road (new speed zone)
- Pacific Avenue – The Embarcadero to Kings Avenue – 2 locations (new speed zone)
- Radcliff Avenue – Main Street to east end (new speed zone)

Roadway volumes and radar speed data were collected in December 2022 and April 2023 at the identified locations. In addition, CCTC will visit the sites to observe the existing roadway conditions, signage, and roadway striping. Additional volume data collection is being completed on portions of Atascadero Road, Main Street, and Quintana Road now that construction activities have subsided.

The 2008 Speed Survey referenced average daily traffic (ADT) volumes collected between 1993 and 1997. Current volumes on Piney Way and South Bay Boulevard are similar to the historic volumes. Current volumes on Coleman Drive, The Embarcadero, and Main Street are lower than the historic counts. However, some of the current volumes were collected in the winter months during off-peak times. Additional traffic counts are recommended for any future capacity studies.

CONCLUSION

The presentation provided by CCTC provides the PWAB with information that will be presented in the draft Citywide Speed Survey. The Citywide Speed Survey will be finalized soon and adopted for use by the Police Department and Public Works Department for addressing speed enforcement in addition to other transportation related priorities.

The information gathered for each road segment including roadway characteristics, land use, volumes, speeds, and collision history assist the Public Works Department and Police Department in the designation of safe and efficient speed limits using engineering judgment. Input from City representatives regarding the recommendations will be considered before modifying existing or establishing new speed limits.

The study has several recommended reductions of posted speed limit as detailed in Attachment 1. There are no proposed increases in posted speed limits.

ATTACHMENTS

1. Morro Bay Speed Limit Recommendations
2. Speed Survey Presentation Slides

Morro Bay Speed Limit Recommendations							
Road Name	Speed Zone Limits	Posted Speed (MPH)	Business or Residence District	2022/2023 Data Collection			
				2022/2023 Data Collection Location	Average Daily Traffic (ADT)	85th %ile Speed (MPH)	Recommended Speed (MPH)
2008 Speed Zones							
Atascadero Rd	Main St to the Embarcadero	25	No	East of Park St	TBD	29	25
Avalon St	Main St to Laurel Ave	25	Yes, Residence	Seaview Ave to Greenwood Ave	900	27	25
Coleman Dr	The Embarcadero to Morro Rock	25	No	West End of Coleman Park	2,300	26	25
Main St	Morro Bay State Park to Marina St	30	Yes, Residence	Olive St to Acacia St	2,600	30	25
		30	Yes, Residence	Shasta Ave to Piney Way	2,400	30	25
		30	Yes, Residence	Marina St to Anchor St	3,000	33	25
	Quintana Rd to Radcliff Ave	25	No	Quintana Rd to Quintana Rd	TBD	28	25
	Radcliff Ave to SR 41	35	No	Radcliff Ave to SR 1 NB Ramps	9,800	36	30
		35	No	Morro Creek Bridge to Errol St	7,500	37	30
	SR 41 to San Jacinto St	40	No	Hill St to Avalon St	5,500	42	35
		40	No	Bonita St to Las Vegas St	4,300	41	35
		40	No	Elena St to San Joaquin St	3,600	41	35
San Jacinto St to Yerba Buena St	40	No	Luzon St to Kodiak St	2,000	41	35	
	40	No	Tahiti St to Trinidad St	1,200	38	35	
Piney Wy	Morro Bay Blvd to Main St	25	Yes, Residence	Pacific St to Marina St	1,900	30	25
		25	Yes, Residence	Ridgeway St to Luisita St	1,000	26	25
Quintana Rd	Morro Bay Blvd to La Loma Ave	35/40	Business (Westside)	Kings St to Bella Vista Dr	TBD	42	35
	La Loma Ave to South Bay Blvd	40	No	La Loma Ave to South Bay Blvd	TBD	44	40
South Bay Blvd	SR 1 to Southerly City Limits	40	No	Quintana Rd to Park View Rd	10,800	42	40
		40	No	Bridge to Southern City Limits	13,000	43	40
The Embarcadero	Beach St to Coleman Dr	25/30	No	Near Power Plant/Three Stacks	3,100	32	25
New Speed Zones							
Coral Ave	San Jacinto St to South End	-	No	Indigo Cr to Cloisters Park	600	32	25
Easter St	SR 1 to West End	-	No (<0.25 miles)	Coral Ave to Stoalwood Ave	300	22	-
Kern Ave	Morro Bay Blvd to Ridgeway St	25	Yes, Residence	Marina St to Anchor St	1,800	33	25
Kings Ave	Quintana Ave to Pacific Ave	-	No	Las Tunas St to Balboa St	1,000	25	25
Ironwood Ave	Del Mar Park to San Jacinto St	-	Yes, Residence	Sequoia St to San Jacinto St	500	26	25
	San Jacinto St to SR 41	-	Yes, Residence	Near Paula St	500	27	25
Morro Bay Blvd	Piney Wy to Quintana Rd	-	Yes, Business	Harbor St to Kern Ave	6,800	25	25
Pacific Ave	The Embarcadero to Piney Wy	-	Yes, Residence	Near Bernardo Ave	1,000	27	25
	Piney Wy to Kings Ave	-	Yes, Residence	Shasta Ave to Napa Ave	1,700	29	25
Radcliff Ave	Main St to East End	-	No	Prescott Dr to Bolton Dr	1,400	32	25
Quintana Rd	Main St to Morro Bay Blvd	25	No	West of Kennedy Wy	4,800	31	25

Note: Speed limits in **bold** are different than the existing posted speed limit.

Prepared by: Central Coast Transportation Consulting Dated: 4/13/2023

Engineering & Traffic Survey Updates

Prepared for the City of Morro Bay



Background

- Engineering & Traffic Surveys (E&TS) were previously prepared in 2008.
- California Vehicle Code (CVC) requires E&TS every 7-14 years to maintain enforceability.
- E&TS requirements
 - Prevailing speeds
 - Collision records
 - Roadside conditions



ENGINEERING & TRAFFIC SURVEY
Prepared for the City of Morro Bay

Road Name: Avalon St Road Classification: Collector/Local Road

Speed Zone Limits: Main St to Laurel Ave Limit Length (Miles): 0.30

Survey Location: Seaview Ave to Greenwood Ave Posted Speed Limit (MPH): 25

Business/Residence District: Yes, Residence

Average Daily Traffic: 900 ADT

Survey Date: 12/13/2022

Time or Start Times: 12:45 to 14:15

Observer: Metro Traffic Data

Direction: EB & WB

10 MPH Pace Speed: 19 to 28

Percent Vehicles in Pace: 78%

Percent Vehicles > Pace: 7%

Percent Vehicles < Pace: 15%

Average Speed (MPH): 23

85th Percentile Speed (MPH): 27

Total Collisions (2020-2021): 1

Collision Rate (#/MVM): 5.07

Speed zone collision rate is greater than the statewide average for similar facilities. One collision occurred due to driving under the influence.

Physical Description & Unusual Conditions:
Roadway is two lanes with no centerline striping. There are no sidewalks or bike lanes. On-street parking permitted.
Pedestrians travel in roadway.

Recommendations:
Roadway segment qualifies as a residence district per CVC 515.

Recommended Speed Limit: 25 MPH

MPH	Frequency	Total %	Cumulative
≥ 55	0	0%	100%
54	0	0%	100%
53	0	0%	100%
52	0	0%	100%
51	0	0%	100%
50	0	0%	100%
49	0	0%	100%
48	0	0%	100%
47	0	0%	100%
46	0	0%	100%
45	0	0%	100%
44	0	0%	100%
43	0	0%	100%
42	0	0%	100%
41	0	0%	100%
40	0	0%	100%
39	0	0%	100%
38	0	0%	100%
37	0	0%	100%
36	0	0%	100%
35	0	0%	100%
34	0	0%	100%
33	1	1%	100%
32	0	0%	99%
31	2	2%	99%
30	3	3%	97%
29	1	1%	94%
28	7	7%	93%
27	9	9%	87%
26	8	8%	78%
25	8	8%	70%
24	8	8%	63%
23	7	7%	55%
22	8	8%	49%
21	12	11%	41%
20	8	8%	33%
19	7	7%	22%
18	4	4%	15%
17	4	4%	11%
16	3	3%	8%
15	3	3%	5%
14	0	0%	2%
13	1	1%	2%
12	1	1%	1%
11	0	0%	0%
≤ 10	0	0%	0%
# Vehicles:	105	100%	-

Date: April 13, 2023

Prepared By: Michelle Matson, PE 73131 & TE 2680



Speed Limits

- Residential District (25 MPH) – Within a ¼ mile, there are 16 or more separate dwelling houses or business structures on both sides or 13 structures on one side.
- Business District (25 MPH) - 50% or more of the contiguous property fronting thereon is occupied by business.
- Other speed limits (25-50 MPH) are required to be established at the nearest 5 mph increment of the 85th percentile speed with an additional 5 mph reduction allowed for certain conditions.



Recommendations

- Collaborative effort with Public Works and the Police Department.
- Reduced speed limits recommended on portions of Main St and The Embarcadero.
- No recommended speed limit increases.

Morro Bay Speed Limit Recommendations			
Road Name	Speed Zone Limits	Posted Speed (MPH)	Recommended Speed (MPH)
2008 Speed Zones			
Atascadero Rd	Main St to the Embarcadero	25	25
Avalon St	Main St to Laurel Ave	25	25
Coleman Dr	The Embarcadero to Morro Rock	25	25
Main St	Morro Bay State Park to Marina St	30	25
	Quintana Rd to Radcliff Ave	25	25
	Radcliff Ave to SR 41	35	30
	SR 41 to San Jacinto St	40	35
Piney Wy	San Jacinto St to Yerba Buena St	40	35
	Morro Bay Blvd to Main St	25	25
Quintana Rd	Morro Bay Blvd to La Loma Ave	35/40	35
	La Loma Ave to South Bay Blvd	40	40
South Bay Blvd	SR 1 to Southerly City Limits	40	40
The Embarcadero	Beach St to Coleman Dr	25/30	25
New Speed Zones			
Coral Ave	San Jacinto St to South End	-	25
Easter St	SR 1 to West End	-	-
Kern Ave	Morro Bay Blvd to Ridgeway St	25	25
Kings Ave	Quintana Ave to Pacific Ave	-	25
Ironwood Ave	Del Mar Park to SR-41	-	25
Morro Bay Blvd	Piney Wy to Quintana Rd	-	25
Pacific Ave	The Embarcadero to Kings Ave	-	25
Radcliff Ave	Main St to East End	-	25
Quintana Rd	Main St to Morro Bay Blvd	25	25

Note: Speed limits in **bold** are different than the existing posted speed limit.



25 MPH Speed Zones

- Business and Residential Districts: Avalon St, portions of Main St, Piney Wy, Kern Ave, Ironwood Ave, portions of Morro Bay Blvd, and Pacific Ave.
- E&TS: Atascadero Rd, Coleman Ave, portions of Main St, The Embarcadero, Coral Ave, Kings Ave, Radcliff Ave, and portions of Quintana Rd.
- Recommend “25” pavement marking adjacent to signs.



Additional Speed Zones

- 30 MPH: Main St (Radcliff Ave to SR-41)
5 MPH less than existing speed limit
- 35 MPH: Main St (SR-41 to Yerba Buena St)
5 MPH less than existing speed limit
- 35 MPH: Quintana Rd (Morro Bay Blvd to La Loma Ave)
same as existing speed limit
- 40 MPH: Quintana Rd (south of La Loma Ave)
same as existing speed limit
- 40 MPH: South Bay Blvd
same as existing speed limit



Next Steps

- Prepare final report.
- Forward to City Council for adoption.
- Replace and install speed limits signs, as needed.
- Provide E&TS to the Police Department for enforcement.
- QUESTIONS?



Morro Bay Speed Limit Recommendations			
Road Name	Speed Zone Limits	Posted Speed (MPH)	Recommended Speed (MPH)
2008 Speed Zones			
Atascadero Rd	Main St to the Embarcadero	25	25
Avalon St	Main St to Laurel Ave	25	25
Coleman Dr	The Embarcadero to Morro Rock	25	25
Main St	Morro Bay State Park to Marina St	30	25
	Quintana Rd to Radcliff Ave	25	25
	Radcliff Ave to SR 41	35	30
	SR 41 to San Jacinto St	40	35
Piney Wy	San Jacinto St to Yerba Buena St	40	35
	Morro Bay Blvd to Main St	25	25
Quintana Rd	Morro Bay Blvd to La Loma Ave	35/40	35
	La Loma Ave to South Bay Blvd	40	40
South Bay Blvd	SR 1 to Southerly City Limits	40	40
The Embarcadero	Beach St to Coleman Dr	25/30	25
New Speed Zones			
Coral Ave	San Jacinto St to South End	-	25
Easter St	SR 1 to West End	-	-
Kern Ave	Morro Bay Blvd to Ridgeway St	25	25
Kings Ave	Quintana Ave to Pacific Ave	-	25
Ironwood Ave	Del Mar Park to SR-41	-	25
Morro Bay Blvd	Piney Wy to Quintana Rd	-	25
Pacific Ave	The Embarcadero to Kings Ave	-	25
Radcliff Ave	Main St to East End	-	25
Quintana Rd	Main St to Morro Bay Blvd	25	25

Note: Speed limits in **bold** are different than the existing posted speed limit.

CITY OF MORRO BAY - PUBLIC WORKS DEPARTMENT
 CAPITAL PROJECTS STATUS UPDATE - APRIL 2023

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
FACILITIES								
F-1	915-9508	18/19	Vet's Hall Improvements	\$150,000	Trust, GF	Heavily used public facility for public meetings including City Council	Sewer plumbing under building upgraded/replaced. Wall and ceiling repair complete. Electrical work in progress, roofing work completed, improvements ongoing as maintenance has opportunities	Large scale A/V and electrical needs, painting, bathroom work, and other needs as presented Additional funding to be requested in FY 23/24 budget
F-2	915-9942	20/21	Electric Vehicle Charging Stations - Embarcadero	\$58,000	APCD, Paking In Lieu, GF	Climate Action goal of city. With growing number of electric vehicle owners locally and tourists, more charging options throughout the city are needed.	City to proceed with first dual-port installation at restroom near Harbor Office. Contractor procured and awaiting materials for installation. Conceptual Design completed by vendor on second Embarcadero location so that PG&E application can proceed later in 2023	Construction contract in place for 1247 Embarcadero (Harbor Restroom). Apply for service and electrical design w/ PG&E at second location, final design later in 2023, construction to follow.
F-3	N/A	21/22	Electric Vehicle Charging Stations - Del Mar Park	\$15,000	CaleVIP	Climate Action goal of city. Project funds not received by the city and project performed through CaleVIP program	Plans submitted to City Building have been approved. Vendor still working with PG&E on electrical design and timeline with target of design completion by early 2023	Construction early to mid 2023
F-4	915-8424	21/22	Coleman Park Restroom Renovation and Park Improvements	\$1,700,000	Parks Grants, PCP/Park In-Lieu; \$318k funding from grant received for restrooms to be carried over; RRT Prop 84 grant for \$600k - pursuing other grants including a Land Stewardship grant from PG&E and others	Restroom was demolished due to age and condition. A replacement for the restroom is needed as well as improvements to the park. PW has done preliminary public outreach for ideas of park amenities. More outreach to be coordinated with design. In addition, cultural amenities will be added in coordination with local tribes and groups	Restroom grant received, concept drawings have been discussed with public; other grant applications have been submitted Facilitation with tribes and groups ongoing for artwork to be displayed in areas of park.	RFP for preliminary design in mid-2023; pursue other funding sources; community outreach; environmental, and plans, specifications, and estimate (PS&E)

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
F-5	915-8240	22/23	Citywide Capital and Facilities Planning	\$200,000	GF	The City has a need for developing data-driven and planning-based master plans for guiding Public Works and city management in the allocation of funds and resources for capital project planning. An assessment of all city facilities and infrastructure is needed which can be analyzed with the assistance of a consultant to multi-year capital plans, asset management strategies, and return on investment of capital.	Approved in 22/23 budget	Develop RFP for consultant services to develop conditions assessment and plan
HARBOR								
H-1	923-8175	15/16	Beach Street Slips (North & South)	\$662,000	Harbor/CWBAF/JCF LC	25+ year old boat slips in need of replacement.	Preliminary design was completed	Design consultants procured, and design to be initiated once contracts have been completed. Develop plans and specs, find additional funding
H-2	923-8351	14/15	North T-Pier Renovations	\$3,800,000	Harbor	Deteriorating sections of pier; utilities and features of pier have exceeded useful life and are in need of replacement	Structural Analyses performed approx \$55k \$1.5 million in funding through Congressional grant funding obtained. Balance of funding being pursued by Congress and other grant sources to fully fund.	Develop RFP for consultant services for PS&E, find additional funding, Over 60% underfunded. Execute Agreement with HUD with approved scope of work and cost breakdown with Council Approval
H-3	923-9921	17/18	Boat Launching Facility and Float Replacement	\$1,510,000	Harbor	Launch ramp severely deteriorated - conceptual design and estimate needed to be able to pursue funding sources; \$200k approved in FY 22/23 budget	30% design was completed before submitting for DBW for grant. 60% and 90% designs to follow.	Wait for grant process to play out. Find additional funding opportunities.

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
H-4	915-8240	22/23	Citywide Capital and Facilities Planning	\$200,000	Harbor	The City has a need for developing data-driven and planning-based master plans for guiding Public Works, Harbor, and city management in the allocation of funds and resources for capital project planning. An assessment of all harbor facilities and infrastructure is needed which can be analyzed with the assistance of a consultant to multi-year capital plans, asset management strategies, and return on investment of capital.	Recently approved in 22/23 budget	Develop RFP for consultant services to develop plan RFP prep in process
PARKS								
P-1	915-8029	18/19	Bocce Ball and Recreation Improvements – 955 Shasta Ave	\$60,000	Park In Lieu, GF	Recreational priority for City	Completed	Ribbon cutting 4/20/23
P-2	915-8456	22/23	Lila Kaiser Parking Lot Rehabilitation and ADA Upgrades	\$200,000	GF	The project is to repair, rehabilitate, and restripe the asphalt parking lot at Lila Kaiser Park. In addition, there is need to upgrade ADA accessible parking to the lot.	Design 90%. Construction cost estimate exceeded original budget funding by \$80k. \$120,000 in original budget. Balance of funding in the FY 23/24 request	Finalize and advertise for bid in Summer 2023
P-3	915-8028	18/19	City Park (and other parks) Play Equipment	\$250,000	GF	Recreational priority for city	Has not been procured. Project has been deferred for several years.	Prioritize Sites where greatest need exists; identify process for procurement - RFP, design/build, etc.
POLICE DEPARTMENT								
PD-1	915-8207	22/23	Repave Police Annex Parking Lot	\$80,000	GF	The project is to repair, rehabilitate, and restripe the asphalt parking lot and add pavement to back evidence storage area. Project also covers stormwater handling into existing vegetated areas.	Design 100% and waiting for completion of Lila Keiser project for bidding	Finalize and advertise for bid in Summer 2023
SEWER								
S-1	922-8312	13/14	WRF Project	\$160,000,000	Sewer/Water Fund	Order by RWQCB - Deadline in 2022	Plant in operation since November 2022 Punch lists for both WRC and Conveyance in process	Contract closeout FBV and Anvil. Recycled water in process

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
S-2	922-9928	21/22	Wastewater Collections System Improvements – Main Street and Atascadero Road	\$8,000,000	Sewer Fund	Identified in OneWater Plan as priority project Near capacity with risk of surcharge during peak flow periods	In design, 50% complete Design on hold until WRF conveyance complete.	Re-activate design process now that WRF conveyance is complete
S-3	922-9929	21/22	Wastewater Collections System Improvements - Beachcomber Main Replacement	\$2,000,000	Sewer Fund	Identified in OneWater Plan as priority project. Main line is aged and needs replacement. Address inflow and infiltration issues during heavy rain events. Replaces 2600 lf main line on Beachcomber. \$1.2 million in FY 22/23 budget and extra \$150,000 requested for FY 23/24 for main line replacement construction	Beachcomber main line desgin is complete. In queue for being advertised to bid	Advertise for bid Beachcomber Main replacement in 2023 Finish Backyard Main Lines design (next phase) to tie into new main line
S-4	New		Wastewater Collections System Improvements - Backyard Sewer Main Improvements	\$3,000,000	Sewer Fund	Identified in OneWater Plan as priority project Main line is aged and needs replacement Address inflow and infiltration issues during heavy rain events	Backyard mains 60% designed - pipe bursting is leading, cost effective alternative for replacement.	Finish Backyard Main Lines design
S-5	922-8227	22/23	Lift Station No. 1 Force Main Replacement	\$400,000	Sewer Fund	The force main was found to have a leak on April 11, 2022 and was removed from service with a bypass temporarily for assessment and repair. The repairs to the line were made, but the City would like to accelerate the design and construction of the line's replacement.	Design is 100% complete. Awaiting encroachment permit issuance from Caltrans.	Bid out for construction once design drawings and specifications have been approved by the City and Caltrans in 2023
S-6	922-8312	22/23	Wastewater Treatment Plant Decommissioning	\$9,185,000	Sewer Fund	The Coastal Development Permit for the Water Reclamation Facility (WRF) Program requires removal and restoration (decommissioning) of the existing Wastewater Treatment Plant site to a safe and level configuration that roughly matches the surrounding areas. Funding for planning and project initiation is crucial to be in compliance with WRF permits.	Planning and review with CCSD in process \$135k budgeted in both FY 22/23 and FY 23/24 for planning / engineering	Start planning process in 2023
STREETS								

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
ST-1	915-9614	21/22	Annual Pavement Management Program (Arterial Digout Project) FY 21/22	\$1,415,000	GF/SB1/Measure Q&E	Pavement Condition of City-wide street network continues to decline and is at 61. Arterial Digout Project prioritized to rehabilitate some arterial and collector streets that had localized failures so that with surface seal life can be prolonged.	85% completed in Feb 2023. South Bay to be delayed until May/June	Construction to be completed by June
ST-2	New	22/23	Annual Pavement Management Program (Surface Seal Project) FY 22/23	\$1,400,000	Bike Path Fund/SB1/Measure Q&E/LTF	Pavement Condition of City-wide street network continues to decline and is at 61. After digout project, these roads and others in city to be surface sealed (chip seal or slurry seal) based upon condition and functional classification. Road list and design to be assembled for Summer construction	In design - prepare proposed road list for PWAB by May or June	FY 22/23 Project to focus on surface seals of streets in good condition to slow down declining PCI Design and bid doc prep to start in coming weeks. Final street list to be reviewed by PWAB with construction to follow in Summer/Fall.
ST-3	915-8423	21/22	Directional Sign/Wayfinding Project	\$188,000	ED Fund, \$150k in 21/22 budget	Tourism and business development, directional assistance for out-of-town visitors	Completed	Completed
ST-4	915-8229	16/17	SR1/SR41/Main St Intersection Improvements	\$8,200,000	GF/CMAQ/Impact/SHA/SLOCOG/Measure Q&E Partially funded - 60% \$600k annually from Measure Q&E	- Level of Service for intersection is an "F" (failed) with congestion during peak hours, projected to be worse with future development over time - Priority Regional project for SLOCOG - Supported by Caltrans	Project Approval and Environmental Document (PA&ED) phase ongoing Still awaiting Extended Phase 1 Findings from Tribal / Caltrans and report for past 2 years. Continued meetings with consultant and Caltrans project team. Traffic studies and Traffic Operations Analysis updated for multiple alternatives. Update on project to be presented to PWAB and Council in May or June with next steps.	Start CEQA / NEPA, Project Approval Document for Caltrans; complete PA&ED by Summer of 2023 Start design (PS&E) concurrent with cultural environmental process for target construction in mid to late 2024. Identify funding sources for shortfall of funding of approx \$3-4 million through grants

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
ST-5	915-8500	22/23	ADA Accessibility Upgrades at Quintana and Main Streets Intersection	\$670,000	CDBG / Measure Q&E / SLOCOG Comm Betterment Grant	The nexus of the project was from requests from citizens that have disabilities for safety features at the City's sole traffic signal. The City has received partial funds for completing the project. If those funds are not used in a timely manner, the funds may be rescinded. This project contributes to the City's goals of improving infrastructure and promoting safe, active transportation for vulnerable populations.	Recently approved in 22/23 budget - \$180k, which includes Measure Q and E and CDBG funding. SLOCOG recently selected this project to receive a grant in the amount of \$490k which was awarded at its 8/3 Board Meeting	Develop RFP for obtaining consultant services PS&E for this project
ST-6	915-8055	22/23	Citywide Speed Survey	\$40,000	Measure Q&E	The City's current speed survey will be out of date by May 2023. Speed surveys are used to set speed limits for sections of city-controlled roadways. Speed limits provide notice to drivers of the maximum speed limit on a roadway and are an enforcement tool to assist police in addressing violators.	In progress Present draft finding at PWAB in early 2023	Complete by May 2023 Council Adoption and post on website
ST-7	915-8045	22/23	Local Roadway Safety Plan	\$85,000	Caltrans Grant / GF	Having an LRSP will give the City the ability to apply for competitive Highway Safety Improvement Program (HSIP) grants in future funding cycles. \$40k received in grant with \$45k of local match	RFP is out for circulation Due April 27	Select consultant to start on project and community outreach process in Summer 2023.
STORMWATER								
SW-1	915- 9949	21/22	Emergency Storm Drain Repair Juniper/Elena	\$500,000.00	GF	Stormdrain has failed and needs repair to minimize future damage. Sewer line also compromised and in need of replacement. (Target completion by May 2023)	Construction in progress; sewer and storm drain line have been placed. Retaining wall construction in process.	Complete construction in May
SW-2	915-9950	22/23	Emergency Storm Drain Repair - Sequoia Court	\$120,000.00	GF	The failed storm drain line is currently stabilized, but with regular rains, it may damage an area with steep slopes and potentially the roadway. Sinkholes have started to appear on the property at 681 Sequoia Court. If repair is not done, heavy rains may cause damage to Sequoia Ct. and surrounding properties.	Procuring contract for assessment of several storm drains including those at Sequoia Court	Procure design / construction for repair

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
SW-3	915-9933	20/21	Storm Drain System Install – SD-01A (Kern Street - Pecho to Anchor)	\$130,000.00	Impact Fees, GF Only \$72k in budget, but may be used for other priority storm drain projects first	Identified in OneWater to capture stormwater that currently runs on street	Deferred - lack of funding Funds to be redirected to other higher priority storm drain replacement projects	Deferred until further notice
SW-4	915-9934	20/21	Storm Drain System Install – SD-01B P (Anchor Street - Kern to Main)	\$500,000.00	Impact Fees, GF Only \$412k in budget, but may be used for other priority storm drain projects first	Identified in OneWater to capture stormwater that currently runs on street	Deferred - lack of funding Funds to be redirected to other higher priority storm drain replacement projects \$167k redirected to Elena Slope Repair and Storm Drain Project	Deferred until further notice
TRANSIT								
T-1	920-9947	20/21	City Park Transit Hub Improvements	\$480,000	Rural Transit/SB1 State of Good Repair/LTF	Need for more user friendly, ADA accessible transit hub with modern shelters	Construction in progress	Complete by mid May 2023
WATER								
W-1	921-9932	19/20	Nutmeg Tank and related Pressure Zone Improvements	\$18,000,000	Water Fund	Identified in OneWater Plan as priority project for maximum daily demand water supply	30% design complete, assessing design for next steps for complete design; Cultural and environmental work complete for MND. MND to be circulated in June 2023	Procure full PS&E design services, planning, environmental
W-2	921-9944	20/21	Water Tank Rehabilitation	\$3,300,000	Water Fund	Identified in OneWater Plan for water resiliency; rehabilitation due to deferred maintenance. \$600K added in FY 22/23 budget for full replacement of Blanca 3 and 4 tanks	Construction in progress; Kings #2 recoating complete; Blanca 1 and 2 recoating complete; Blanca 3 and 4 rehabilitation in progress.	Construction through mid-2023; maintenance contract part of bid for 10-year plan; Kings #1 to be completed soon after Blanca 3 and 4 completed.
W-3	921-9927	20/21	Reskin Reverse Osmosis Treatment Building	\$200,000	Water Fund	Building age and deterioration	Bids too high, when bid out first; additional funds to be requested in future budgets	Prepare scope, RFP and procure consultant for PS&E
W-4	921-9945	20/21	RO Facility Upgrades	\$80,000	Water Fund	The RO facility is necessary for removing Nitrates from the Morro Valley groundwater wells. \$80k in new funding from FY 22/23 budget to fund assessment of needs for facility. Other upgrades needed such as tank relocation, back up power, rehabilitation of controls, etc. will be pursued in future budget years.	Recently increase in funding approved in 22/23 budget	Develop RFP for consultant services to perform design

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
W-5	New	22/23	Morro Basin Wellfield Rehabilitation	\$3,485,000	Water Fund	These upgrades will provide the City with a resilient water supply that it can rely upon during periods of extended drought or State Water Project shutdowns. Existing wells are 30-40 years old and need rehabilitation.	Approved in 22/23 budget Recycled water program work in progress	Develop RFP for consultant services to perform design
W-6	New	22/23	OneWater Plan Update	\$250,000	Sewer/Water Fund	The original OneWater Plan, a masterplan of the City's water and sewer utilities' and stormwater capital improvements to address system deficiencies and future needs, was finalized in 2018. The target frequency of updates of the plan is 5 years. With changing costs/hyper inflation, needs, and updates in the system, this update is essential to keep that plan accurate and useful.	Approved in 22/23 budget Work has not been initiated	Develop RFP for consultant services to update plan

Other / Unfunded Projects

SD-06A	Pipeline West of Main/Hwy 1	\$ 1,350,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-06B	Pipeline West of Main/Hwy 1	\$ 2,500,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-04	Pipeline at Morro Bay/Quintana	\$ 50,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-07A	Pipeline - Main Street SD-07A	\$ 115,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-05	Pipeline at Beach Morro/Embar	\$ 476,500	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-07B	Pipeline - Main Street SD-07B	\$ 110,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-07C	Pipeline - Main Street SD-07C	\$ 18,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-11	Pipeline - Laurel Street SD-11	\$ 25,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-12	Pipeline - Avalon Street SD-12	\$ 95,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-16	Pipeline - Elena Street SD-16	\$ 330,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-02A	Pipeline - Marina Street SD-02A	\$ 16,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-02B	Pipeline - Marina Street SD-02B	\$ 30,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-03	Pipeline - Harbor Street SD-03	\$ 65,000	GF	Drainage - OneWater	Deferred - Not funded	Find Funding
SD-01A	Storm Drain System Install – SD-01A (Kern Street - Pecho to Anchor)					
SD-01B	Storm Drain System Install – SD-01B P (Anchor Street - Kern to Main)					
	Streets Deferred Maintenance	\$ 21,000,000	GF	Keep PCI from continual decline	Deferred - Not funded	Find Funding
	Surf Street Pedestrian Accessible Access - Bluff top to Front Street	\$1.2m	GF		Deferred - Not funded	Find Funding

Row#	Project Number	FY Initiated	Project	Estimated Total Cost	Funding Source	Justification and/or Deadlines	Current Status	Next Steps
			Monte Young Restroom ADA Renovation	\$150k	GF		Deferred - Not funded	Find Funding
			North T-Pier Restroom ADA Renovation	\$85k	GF/Harbor		Deferred - Not funded	Find Funding
			Cloisters Park Play Equipment	\$ 150,000	GF, Cloisters LLMAI	Recreational priority for city		Find Funding
			Utility Undergrounding (Citywide)	Unknown	\$2 million PG&E		Only enough for 1-2 blocks	Find Funding
			Morro Creek Restoration	Unknown	FEMA Grant		CCC CDP Issues	CCC Advocacy or Redesign
			New Civic Center					Find Funding
			Improvements Beach/Main					Find Funding
			Improvements Beach/Embarcadero					Find Funding
			Vehicluar Bridge Morro Creek					Find Funding
			ADA Transition Plan and Sidewalk Improvements					Find Funding
			Citywide Sidewalk Repair and Installation					Find Funding
			Street Tree Replacement Program					Find Funding
			Annual Striping Program					Find Funding
			Sign Replacement Program - Retro					Find Funding
			Reflectivity Compliance					Find Funding
			Seawall Rehab					Find Funding
			Teen Center					Find Funding
			Rock Restroom Expansion					Find Funding
			Cloisters Drainage Basins and Channels		FEMA or other grant			Find Funding
			Electric Vehicles Charging Infrastructure Plan					Find Funding
			Stormdrain Condition Analysis and Relining Project					Find Funding
			Del Mar Basketball Courts					Find Funding
			Relocation and Pickleball Court Expansion					Find Funding
			Bridge Preventive Maintenance Program (3 City bridges - Twin Bridges, Morro Creek, Beachcomber)					Find Funding
			Planning Grant - Active					Find Funding
			Transportation and EV Strategy and Infrastructure Plan					Find Funding