



AGENDA

Thursday, October 18, 2012

6:30 P.M.

**PUBLIC WORKS COMMISSION
Council Chambers
211 Hillcrest Avenue
Marina, California**

VISION STATEMENT

Marina will grow and mature from a small town bedroom community to a small city which is diversified, vibrant and through positive relationships with regional agencies, self-sufficient. The City will develop in a way that insulates it from the negative impacts of urban sprawl to become a desirable residential and business community in a natural setting. **(Resolution No. 2006-112 - May 2, 2006)**

MISSION STATEMENT

The City Council will provide the leadership in protecting Marina's natural setting while developing the City in a way that provides a balance of housing, jobs and business opportunities that will result in a community characterized by a desirable quality of life, including recreation and cultural opportunities, a safe environment and an economic viability that supports a high level of municipal services and infrastructure. **(Resolution No. 2006-112 - May 2, 2006)**



1. CALL TO ORDER
2. ROLL CALL & ESTABLISHMENT OF QUORUM:
Chair Tim Ledesma, Vice Chair Garth Ridler, Demetrius Flewellen, Dave McCall, Mike Owen
3. PLEDGE OF ALLEGIANCE (Please stand)
4. SPECIAL ANNOUNCEMENTS AND COMMUNICATIONS FROM THE FLOOR:
Announcements of special events or meeting of interest as information to Board and Public. At this time any person may comment on any item, which is not on the agenda. Please state your name and address for the record. Action will not be taken on an item that is not on the agenda. If it requires action, it will be referred to staff and/or placed on the next agenda. Design Review Board members or City staff may briefly respond to statements made or questions posed as permitted by Government Code Section 54954.2. In order that all interested parties have an opportunity to speak, please limit comments to a maximum of Four (4) minutes. Any member of the public may comment on any matter listed on this agenda at the time the matter is being considered by the Design Review Board.

5. CONSENT AGENDA: *Background information has been provided to the Public Works Commission on all matters listed under the Consent Agenda, and these items are considered to be routine. All items under the Consent Agenda are normally approved by one motion. If discussion is requested by anyone on any item, that item will be removed from the Consent Agenda and placed at the end of Action Items if separate action is requested.*

a. Regular Meeting of September 20, 2012

6. ACTION ITEMS: *Action listed for each Agenda item is that which is brought forth for Public Works Commission consideration and possible action. The Public Works Commission may, at its discretion, take action on any items. The public is invited to approach the podium to provide up to four (4) minutes of public comment.*

Note: No additional major projects or programs should be undertaken without review of the impacts on existing priorities (Resolution No. 2006-79 – April 4, 2006).

a. PUBLIC WORKS COMMISSION CONSIDER ADOPTING RESOLUTION NO. 2012-, RECOMMENDING TO CITY COUNCIL APPROVAL OF THE DRAFT DE FOREST/BEACH INTERSECTION TRAFFIC CALMING PLAN

7. COMMISSIONERS & STAFF INFORMATIONAL REPORTS:

a. RECEIVE INFORMATIONAL PRESENTATION ON “ROUNDBABOUTS” FROM MATTHEW SUNDT, VICE PRESIDENT GSPEC/GOLDEN STATE PLANNING AND ENVIRONMENTAL CONSULTING

8. CORRESPONDENCE

a. None

9. ADJOURNMENT

CERTIFICATION

I, Edna G. Gomez, Administrative Assistant for the City of Marina, do hereby certify that a copy of the foregoing agenda was posted at City Hall, Council Chambers Bulletin Board, on or before 6:30 P.M., Friday, October 12, 2012.

EDNA G. GOMEZ, ADMINISTRATIVE ASSISTANT II

Honorable Members
of the Marina Public Works Commission

Public Works Commission Meeting
of October 18, 2012

**PUBLIC WORKS COMMISSION CONSIDER ADOPTING RESOLUTION
NO. 2012-, RECOMMENDING TO CITY COUNCIL APPROVAL OF THE
DRAFT DE FOREST/BEACH INTERSECTION TRAFFIC CALMING
PLAN**

REQUEST:

It is requested that the Public Works Commission:

1. Consider adopting Resolution No. 2012 - recommending to City Council approval of the draft De Forest/Beach intersection traffic calming plan.

BACKGROUND:

At the regularly scheduled meeting of March 20, 2012, during public comment, some residents complained of on-going traffic /pedestrian and parking problems at the Deforest/Beach Road intersection.

Beach Road is a two lane roadway, General Plan classified as a collector roadway between Del Monte Boulevard and De Forest Road. De Forest Road is a two lane collector. The Marina General Plan Circulation Element, Policy 1-1 states “traffic should operate at low speeds compatible with pedestrian and bicycle traffic through the use of speed control and traffic calming measures.”

At the regular meeting of March 3, 2008 the City Council adopted Resolution No 2008-41 certifying Final Environmental Impact Report (EIR), Resolution No. 2008-43 approving the Specific Plan and Resolution No. 2008-45 approving Vesting Tentative Subdivision Map for the Marina Station Project. The project consists of a mixed use development including 1,360 residential units, 60,000 feet of mixed commercial uses, 143,808 square feet of general office uses and 651,624 square feet of industrial uses.

The Beach Road and De Forest Road intersection is one of several that will provide local residential access to the Marina Station Specific Plan area. Due to the anticipated growth from this development, the identified De Forest/Beach Road intersection improvement is a capital improvement project as a part of the Marina Station (EIR) mitigation measures. The project is funded by Public Facilities Impact Fees – Intersections.

Final EIR revised Mitigation 4.13-6 is as follows: Convert the intersection of De Forest Road/Beach Road to a traffic circle.

The Marina General Plan, Table 2.2 Park and Recreation Standards, identifies Windy Hill Park as a Neighborhood Park. This park is located at the southeast corner of the Beach Road and De Forest intersection. Consistent with the General Plan park designation for passive recreational uses, the Recreation and Cultural Services Department will no longer list it in its rental inventory. In addition the Park is no longer being used for youth soccer programs thereby reducing parking needs in the neighborhood.

Police staff assessed that there is a tendency for vehicles as they approach Windy Hill Park to enter the turn at an accelerated speed. Vehicles moving eastbound on Beach Road towards De Forest Road tend to speed into the turn causing a brief blind spot as they move onto De Forest Road. This blind spot can create a risk to anyone crossing the street. Traffic approaching in the opposite direction has a wide turn going onto Beach Road. The extra space encourages motorists to drive faster.

The City Council approved Marina Station Vesting Tentative Map provides a draft engineered intersection design, meeting the EIR mitigation measure, for De Forest Road and Beach Road. The design incorporates traffic calming measures consisting of a roundabout and each street having a split crosswalk with a refuge median and accessible ramps.

At the joint scheduled meeting of May 15, 2012, the City Council adopted Resolution No. 2012-62 (Public Works Commission Resolution No. 2012-07), receiving a presentation for the De Forest/Beach intersection traffic calming project for that promotes/increases safe pedestrian crossing of the streets. The City Council directed the Engineering Division to provide a viable preliminary design and cost estimate using traffic calming principles.

ANALYSIS:

The following Exhibits (“**EXHIBIT A**”, “**EXHIBIT B**”) represent two possible traffic calming measures for the Beach Rd. and De Forest Rd. intersection:

Exhibit A – Vesting Tentative Map Design, Passageway (Estimate = \$36,200)

This design utilizes the preliminary design method approved through the Vesting Tentative Map for Marina Station. It includes an island passageway, median islands, striping, and signage for its traffic calming components. In addition, new ADA compliant curb ramps will be constructed. Up to 10 existing parking spaces, on both sides of De Forest Rd, will be eliminated and red curb will be painted; this is needed to provide sufficient space to construct the median islands and provide appropriate lane widths. Up to 8 existing parking spaces, on both sides of De Forest Rd, will be eliminated and red curb will be painted; this is needed to provide sufficient space to construct the median islands and provide appropriate lane widths.

Exhibit B – Vesting Tentative Map Design, Raised Crosswalk (Estimate = \$45,250)

This design is the same as Exhibit A and utilizes a raised crosswalk (similar to a speed table). The raised crosswalk will provide added traffic calming. In addition, sidewalk will be constructed to bridge the gap across the planter between the raised crosswalk and existing sidewalk. To address the drainage interruption caused by the construction of the raised crosswalk, box culverts are to be constructed to allow storm drain flow to be un-interrupted; maintenance will be required to keep these box culverts clear of debris intermittently throughout the year. Up to 10 existing parking spaces, on both sides of De Forest Rd, will be eliminated and red curb will be painted; this is needed to provide sufficient space to construct the median islands and provide appropriate lane widths.

As a recommended addition to either Exhibit A or B, in-road-warning-lights (IRWL) and visibly enhanced LED signage for advanced warning can be installed. (Estimate = Exhibit A or B + \$50,000)

CONCLUSION:

This request is submitted for Public Works Commission consideration and possible action.

Respectfully submitted,

Edrie Delos Santos
Assistant Engineer, Engineering Division
Community Development Department
City of Marina

REVIEWED/CONCUR:

Nourdin Khayata, PE
Acting City Engineer, Engineering Division
Community Development Department
City of Marina

Christine di Iorio, AICP
Director
Community Development Department
City of Marina

RESOLUTION NO 2012 –

A RESOLUTION OF THE PUBLIC WORKS COMMISSION OF THE CITY OF MARINA RECOMMENDING TO CITY COUNCIL APPROVAL OF THE DRAFT DE FOREST/BEACH INTERSECTION TRAFFIC CALMING PLAN

WHEREAS, at the regularly meeting of March 20, 2012, during public comment, some residents complained of on-going traffic /pedestrian and parking problems on Deforest/Beach Road intersection, and;

WHEREAS, Beach Road is a two lane roadway, General Plan classified as a collector roadway between Del Monte Boulevard and De Forest Road. De Forest Road is a two lane collector. The Marina General Plan Circulation element, Policy 1-1 states “traffic should operate at low speeds compatible with pedestrian and bicycle traffic through the use of speed control and traffic calming measures,” and;

WHEREAS, at the regular meeting of March 3, 2008 the City Council adopted Resolution No 2008-41 certifying Final Environmental Impact Report (EIR), Resolution No. 2008-43 approving the Specific Plan and Resolution No. 2008-45 approving Vesting Tentative Subdivision Map for the Marina Station Project. The project consists of a mixed use development including 1,360 residential units, 60,000 feet of mixed commercial uses, 143,808 square feet of general office uses and 651,624 square feet of industrial uses, and;

WHEREAS, the Beach Road and De Forest Road intersection is one of several that will provide local residential access to the Marina Station Specific Plan area. Due to the anticipated growth, the identified De Forest/Beach Road intersection improvement is a capital improvement project. Final EIR revised Mitigation 4.13-6 as follows: Convert the intersection of De Forest Road/Beach Road to a traffic circle. The project is funded by Public Facilities Impact Fees – Intersections and is scheduled beyond the 2016 fiscal year, and;

WHEREAS, the Marina General Plan, Table 2.2 Park and Recreation Standards, identifies Windy Hill Park as a Neighborhood Park. Consistent with the General Plan park designation for passive recreational uses, the Recreation and Cultural Services Department will no longer list in its rental inventory. In addition the Park is no longer being used for youth soccer programs. This will reduce parking needs in the neighborhood and will allow for the implementation of the traffic calming plan, and;

WHEREAS, at the regular meeting of March 3, 2008 the City Council adopted Resolution No 2008-41 certifying Final EIR, Resolution No. 2008-43 approving the Specific Plan and Resolution No. 2008-45 approving the Vesting Tentative Subdivision Map for the Marina Station Project, and;

WHEREAS, police staff assessed that there is a tendency for vehicles as they approach Windy Hill Park to enter the turn at an accelerated speed. Vehicles moving eastbound on Beach Road towards De Forest Road tend to speed into the turn causing a brief blind spot as they move onto De Forest. This blind spot can create a risk to anyone crossing the street. Traffic approaching in the opposite direction has a wide turn going onto Beach Road. The extra space encourages motorists to drive faster, and;

WHEREAS, The City Council approved Marina Station Vesting Tentative Map provides a draft engineered intersection design, meeting the EIR mitigation measure, for DeForest Road and Beach Road. The design incorporates traffic calming measures consisting of a roundabout and each street having a split crosswalk with a refuge median and accessible ramps, and;

WHEREAS, At the joint scheduled meeting of May 15, 2012, the City Council adopted Resolution No. 2012-62 (Public Works Commission Resolution No. 2012-07), receiving a presentation for the De Forest/Beach intersection traffic calming project for that promotes/increases safe pedestrian crossing of the streets. The City Council directed the Engineering Division to provide a viable preliminary design and cost estimate using traffic calming principles, and;

WHEREAS, Exhibit A utilizes the preliminary design method approved through the Vesting Tentative Map for Marina Station. It includes an island passageway, median islands, striping, and signage for its traffic calming components. In addition, new ADA compliant curb ramps will be constructed. Up to 10 existing parking spaces, on both sides of De Forest Rd, will be eliminated and red curb will be painted; this is needed to provide sufficient space to construct the median islands and provide appropriate lane widths. Up to 8 existing parking spaces, on both sides of De Forest Rd, will be eliminated and red curb will be painted; this is needed to provide sufficient space to construct the median islands and provide appropriate lane widths, and;

WHEREAS, Exhibit B is the same as Exhibit A and utilizes a raised crosswalk (similar to a speed table). The raised crosswalk will provide added traffic calming. In addition, sidewalk will be constructed to bridge the gap across the planter between the raised crosswalk and existing sidewalk. To address the drainage interruption caused by the construction of the raised crosswalk, box culverts are to be constructed to allow storm drain flow to be un-interrupted; maintenance will be required to keep these box culverts clear of debris intermittently throughout the year. Up to 10 existing parking spaces, on both sides of De Forest Rd, will be eliminated and red curb will be painted; this is needed to provide sufficient space to construct the median islands and provide appropriate lane widths, and;

NOW THEREFORE, BE IT RESOLVED that the Public Works Commission of the City of Marina does hereby:

1. Recommend to City Council approval of the draft De Forest/Beach intersection traffic calming plan

PASSED AND ADOPTED by the Public Works Commission of the City of Marina at a regular meeting duly held on the 18th day of October 2012, by the following vote:

AYES: Commission Members:

NOES: Commission Members:

ABSENT: Commission Members:

ABSTAIN: Commission Members:

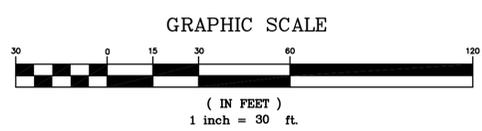
Tim Ledesma, Chair

ATTEST:

Christine di Iorio, AICP
Director
Community Development Department
City of Marina



SITE PLAN



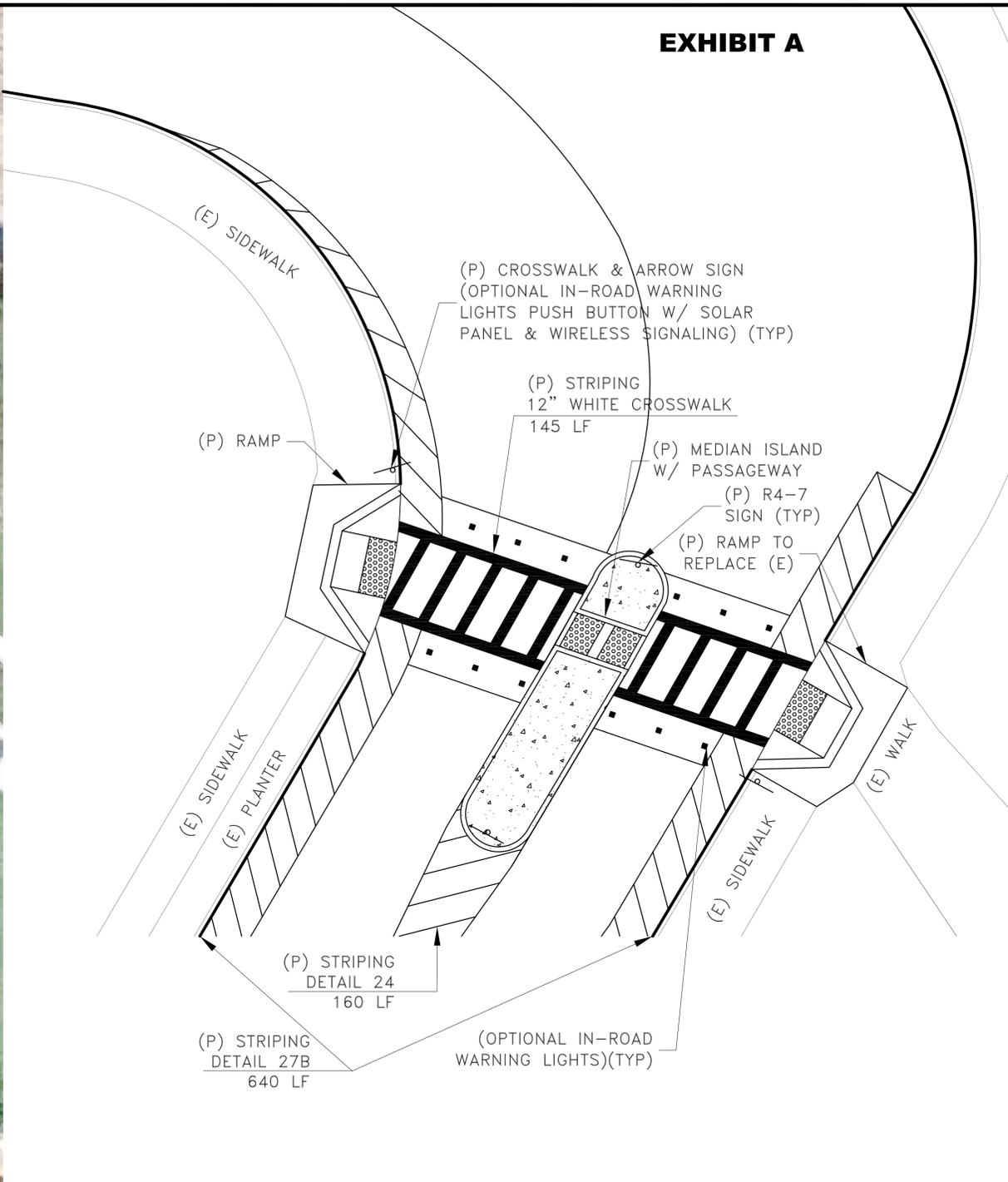
SIGN LEGEND



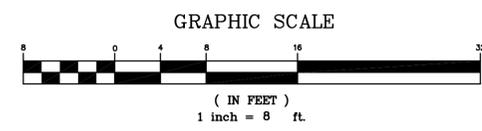
STRIPING LEGEND

- DETAIL 27B 4" WHITE SOLID
- DETAIL 24 4" YELLOW SOLID
- DETAIL 22 4" DOUBLE YELLOW SOLID

EXHIBIT A



PASSAGEWAY



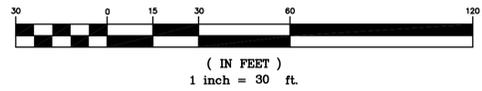
DESCRIPTION: OPTION A - PASSAGEWAY
 THIS OPTION UTILIZES AN ISLAND PASSAGEWAY, MEDIAN ISLANDS, STRIPING, AND SIGNAGE FOR ITS TRAFFIC CALMING COMPONENTS. IN ADDITION, NEW ADA COMPLIANT CURB RAMPS WILL BE CONSTRUCTED. UP TO 10 EXISTING PARKING SPACES, ON BOTH SIDES OF DE FOREST RD, WILL BE ELIMINATED AND RED CURB WILL BE PAINTED; THIS IS NEEDED TO PROVIDE SUFFICIENT SPACE TO CONSTRUCT THE MEDIAN ISLANDS AND PROVIDE APPROPRIATE LANE WIDTHS. UP TO 8 EXISTING PARKING SPACES, ON BOTH SIDES OF DE FOREST RD, WILL BE ELIMINATED AND RED CURB WILL BE PAINTED; THIS IS NEEDED TO PROVIDE SUFFICIENT SPACE TO CONSTRUCT THE MEDIAN ISLANDS AND PROVIDE APPROPRIATE LANE WIDTHS.

DESIGNED: JOC	DRAWN: JOC	APPROVED: ES	NO.	REVISIONS	DATE
PREPARED BY: CSG Consultants Inc. 1700 South Amphlett Boulevard, 3rd Floor San Mateo, CA 94402 Phone (650)522-2500 Fax (650)522-2599					
PREPARED FOR: CITY OF MARINA 209 CYPRESS AVE MARINA, CA. 93933					
TITLE: OPTION A - PASSAGEWAY CONCEPTUAL PLAN BEACH RD & DE FOREST RD TRAFFIC CALMING CITY OF MARINA, CALIFORNIA					
SHEET 1 of 2			DATE : 06/19/12 JOB# : 12.341		



SITE PLAN

GRAPHIC SCALE

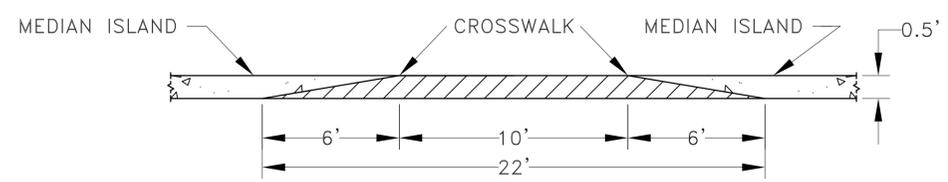


SIGN LEGEND

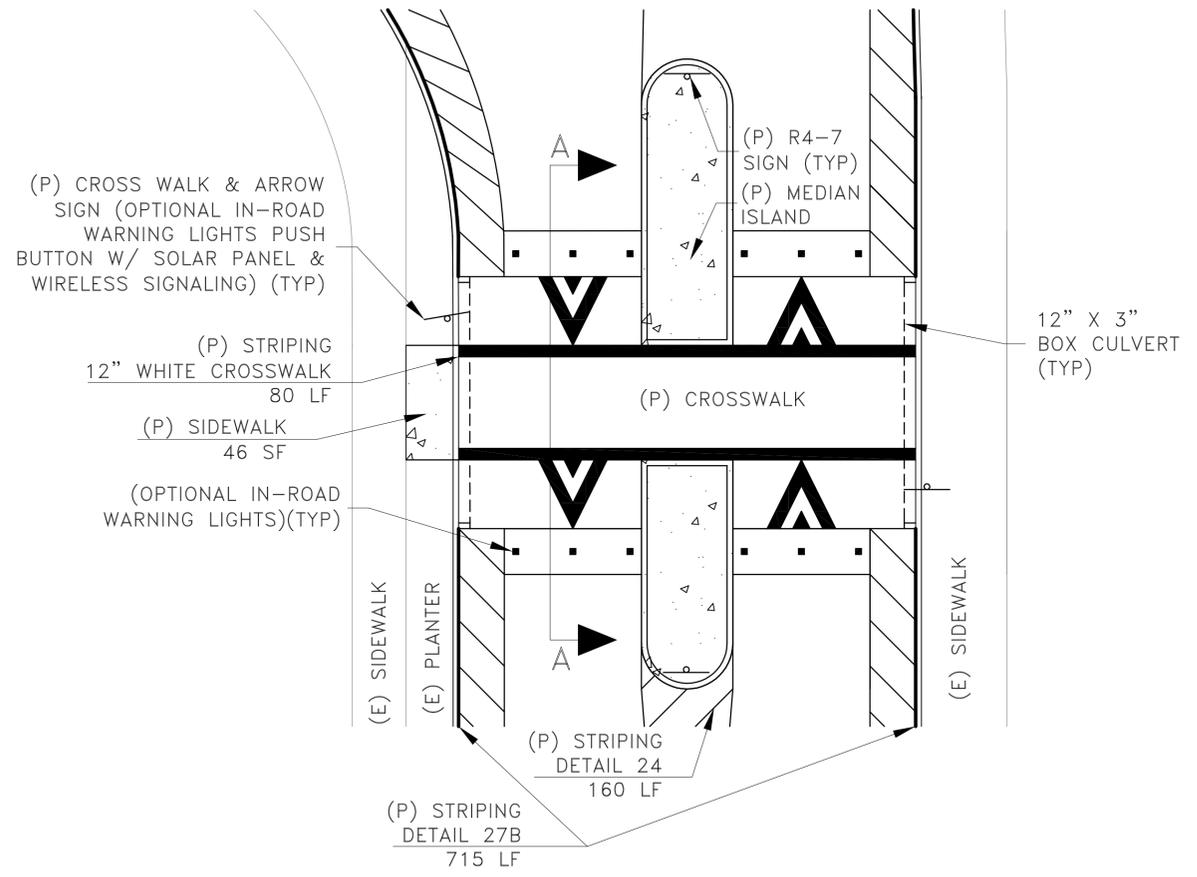


STRIPING LEGEND

DETAIL 27B	4" WHITE SOLID
DETAIL 24	4" YELLOW SOLID
DETAIL 22	4" DOUBLE YELLOW SOLID

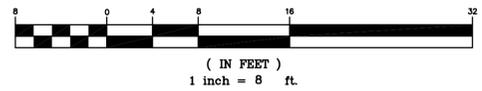


**SECTION A-A
NTS**



RAISED CROSSWALK

GRAPHIC SCALE



DESCRIPTION: OPTION B - RAISED CROSSWALK

THIS OPTION UTILIZES A RAISED CROSSWALK (SIMILAR TO A SPEED TABLE), MEDIAN ISLANDS, STRIPING, AND SIGNAGE FOR ITS TRAFFIC CALMING COMPONENTS. THE RAISED CROSSWALK WILL PROVIDE ADDED TRAFFIC CALMING. IN ADDITION, SIDEWALK WILL BE CONSTRUCTED TO BRIDGE THE GAP ACROSS THE PLANTER BETWEEN THE RAISED CROSSWALK AND EXISTING SIDEWALK. TO ADDRESS THE DRAINAGE INTERRUPTION CAUSED BY THE CONSTRUCTION OF THE RAISED CROSSWALK, BOX CULVERTS ARE TO BE CONSTRUCTED TO ALLOW STORM DRAIN FLOW TO BE UN-INTERRUPTED; MAINTENANCE WILL BE REQUIRED TO KEEP THESE BOX CULVERTS CLEAR OF DEBRIS INTERMITTENTLY THROUGHOUT THE YEAR. UP TO 10 EXISTING PARKING SPACES, ON BOTH SIDES OF DE FOREST RD, WILL BE ELIMINATED AND RED CURB WILL BE PAINTED; THIS IS NEEDED TO PROVIDE SUFFICIENT SPACE TO CONSTRUCT THE MEDIAN ISLANDS AND PROVIDE APPROPRIATE LANE WIDTHS.

DESIGNED: JOC	DRAWN: JOC	APPROVED: ES	NO.	REVISIONS	DATE
PREPARED BY: CSG Consultants Inc. 1700 South Amphlett Boulevard, 3rd Floor San Mateo, CA 94402 Phone (650)522-2500 Fax (650)522-2599			PREPARED FOR: CITY OF MARINA 209 CYPRESS AVE MARINA, CA. 93933		
TITLE: OPTION B - RAISED CROSSWALK CONCEPTUAL PLAN BEACH RD & DE FOREST RD TRAFFIC CALMING CITY OF MARINA, CALIFORNIA			SHEET 2 OF 2		
CONCEPTUAL 06/19/12			DATE: 06/19/12 JOB#: 12.341		