

**TOWN OF SAN ANSELMO
STAFF REPORT
July 18, 2013**

For the meeting of July 23, 2013

TO: Town Council

FROM: Sean Condry, P.E., Public Works Director

SUBJECT: Magnolia Avenue Drainage and Paving Plan

RECOMMENDATION:

That Town Council reviews the idea to make improvements to Magnolia Avenue and give direction to Public Works staff.

BACKGROUND AND DISCUSSION:

On June 11, 2013 Public Works asked for direction regarding the installation of a new pedestrian parkway/speed table to improve the heavily trafficked street by both pedestrians and vehicles while at the same time being complementary to the new Imagination Park for events and daily use. At this meeting Town Council requested that staff provide more information about the cost and overall design.

The project would consist of new drainage, new asphalt, a new concrete sidewalk on the opposite side of Magnolia Avenue from the park, and a new pedestrian parkway on Magnolia from San Anselmo Avenue to Kientz Place. A rendering and preliminary draft drawing have been completed showing the proposed improvements which are included as Attachment 1. As part of the new park and as shown in Attachment 1, new paved crosswalks are scheduled to be installed which will increase public safety, complement the park, and enhance downtown streets as an area for not only vehicles but pedestrians too.

As can be seen on Attachment 1, the new park sidewalk along Magnolia Avenue would have bollards and black truncated domes for the full length of the park. The street on this side would be level or flush with the sidewalk with a slope towards the opposite side for drainage resulting in an approximately 4" curb on the opposite side. The new sidewalk on the opposite side of Magnolia Avenue or the North side would be approximately 4' wide. The raised or flush area of the street would taper up from San Anselmo Avenue and taper back down near Kientz Place or the Magnolia Parking Lot.

Magnolia Avenue with or without the pedestrian table will require a new drain system and sidewalk to repair the failing drainage system and address ADA and safety issues with a cost of \$35,000-\$52,000 depending on final design (see Attachment 2 for cost breakdown). The drainage work and associated sidewalk work must be completed before this coming winter. Magnolia Avenue based on the fact that it has a low PCI of 16 for this section, the amount of traffic it gets, its location, and the fact that it is a through street make it a higher level candidate

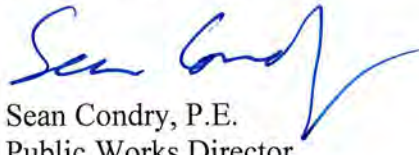
for repaving above many other streets with similar low PCIs. The cost to repave Magnolia Avenue without a pedestrian table from San Anselmo Avenue to Library Place is \$30,000 bringing the total cost for drainage, sidewalk, and paving without a pedestrian table to \$82,000.

The additional cost to add in the pedestrian table with bollards and other associated improvements is \$48,000 bringing the total approximate cost for all improvements to \$130,000 if the project is approved.

FISCAL IMPACT

The engineers estimated cost for the entire project is \$132,000. The funds for this project would come from the Road Maintenance Fund and this year we have an additional \$100,000 from TAM Measure B funds which we receive every three years.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Sean Condry", with a stylized flourish at the end.

Sean Condry, P.E.
Public Works Director

Attachments: Attachment 1 Rendering and draft plan
Attachment 2 Cost Breakdown
Attachment 3 June 11, 2013 Staff Report



**ENGINEER'S ESTIMATE
MAGNOLIA AVENUE IMPROVEMENTS
San Anselmo, CA**

DESCRIPTION	AMOUNT	TOTALS
DRAINAGE IMPROVEMENTS	\$22,000	
MAGNOLIA SIDEWALK	\$30,000	
 SUBTOTAL: DRAINAGE + SIDEWALK		\$52,000
MAGNOLIA ASPHALT PAVING	\$30,000	
 SUBTOTAL: DRAINAGE + SIDEWALK+FULL PAVING		\$82,000
RAISED CONCRETE STREET WITH BOLLARDS	\$48,000	
 SUBTOTAL: DRAINAGE + SIDEWALK + 1/2 PAVING + 1/2 RAISED CONCRETE		\$130,000

**TOWN OF SAN ANSELMO
STAFF REPORT
June 5, 2013**

For the meeting of June 11, 2013

TO: Town Council

FROM: Sean Condry, P.E., Public Works Director

SUBJECT: Magnolia Avenue Drainage and Paving Plan

RECOMMENDATION:

That Town Council reviews the idea to make improvements to Magnolia Avenue and give direction to Public Works staff.

BACKGROUND AND DISCUSSION:

As part of the new park construction at 535 San Anselmo Avenue, frontage improvements were made to the sidewalk, curb and gutter, and drainage system along Magnolia Avenue. These improvements were required as part of the park project to widen the narrow three foot sidewalk to five feet on the park side and to improve the severe water ponding issues along Magnolia Avenue and Library Place. The improvements made to date necessitate further improvements by the Town to the drainage system along Magnolia Avenue and provide an opportunity to make substantial improvements to Magnolia Avenue turning the street into a raised pedestrian table/parkway that would accommodate not only motorists but the large number of pedestrians that use this section of Magnolia and/or future Town events.

A pedestrian table (speed table) is a traffic calming measure used throughout the United States and is listed as one of the Town's traffic calming measures which is in the Town's Traffic Calming Handbook online. On attachment 1 there are pictures of speed tables in San Francisco and in San Rafael. These pictures show how you can take a pedestrian area such as a park or plaza and incorporate the street adjacent to them into the overall pedestrian area by raising the street vertically to the same level as the sidewalk. The area of the street that is raised or made flush with the sidewalks is typically visually different in its finish/color and has other barriers or visual cues to indicate both to the motorist and pedestrian that this is a shared or mixed use area.

Speed tables designed correctly slow traffic down so the area is safer for pedestrians but at the same time have little to no impact on emergency vehicle response time and access. The speed table proposed for Magnolia Avenue would be immediately adjacent to the park and would be installed during or after the new paver crosswalks are installed on San Anselmo Avenue and Magnolia Avenue which are part of the required frontage improvements for the new park. The proposed pedestrian/speed table on Magnolia Avenue would be flush with the sidewalk from one end of the park on San Anselmo Avenue to the end of the Park near or past Keintz Lane. Bollards and truncated domes would line the transition from the sidewalk to the pedestrian/speed table on both sides of Magnolia Avenue.

This proposed improvement would be in keeping with the Town's adopted Complete Streets Resolution which implements projects that improve our infrastructure for all modes of transportation including pedestrians, bicyclists, and motorists. If the proposed Magnolia Avenue Pedestrian Table moves forward, it is anticipated that the design could be completed in the next month or so and construction could begin late summer or in the fall. With or without the pedestrian table the drainage work and other sidewalk work will have to commence along Magnolia before next winter.

FISCAL IMPACT

The approximate cost for engineering/design of the drainage and pedestrian table work is \$20,000 and the cost for the construction work is approximately \$100,000. The funds for this project would come from the Road Maintenance Fund and this year we have an additional \$100,000 from TAM from Measure B funds which we receive every three years.

Respectfully submitted,

Sean Condry, P.E.
Public Works Director