



## **Council Technology Application Committee (CTAC)**

### **Meeting Minutes of March 1, 2018**

**Members Present:** Al Mendall, Mark Salinas, Elisa Marquez

**Staff:** Kelly McAdoo, Adam Kostrzak, Nathaniel Roush, Alex Ameri, Fred Kelly, Sai Midididdi

**Guests:** None

**Public Comments:** None

#### **1. Approval of Minutes:**

Minutes of December 7, 2017 Approved

#### **2. Fiber Grant Update - Oral Update**

Management Analyst John Stefanski gave the Committee an update on the Fiber Grant. We received the bids for the design work and we're in the process of negotiating with the top vendor. The timeline for the design completion is approximately August with construction bids going out shortly thereafter. Currently, we don't have a Federal Budget in place and due to retirements and resignations in the West Coast Economic Development Agency in Washington, DC, they only have one Project Manager responsible for over 70 Grant Programs and Projects. This will add some time in terms of getting the approval from the West Coast Economic Development Department as we go through this process. The City hopes to break ground by the end of this year or early next year.

#### **3. Fiber Master Plan – Oral Report**

Management Analyst John Stefanski gave the Committee an update on the Fiber Master Plan. The City has begun to do the policy research for a Dig Once Policy and will be reaching out to Brett Woollum of Tekify, CTC Group on this subject area to obtain suggestions. Management Analyst John Stefanski will bring the information back to the next CTAC meeting for more in-depth discussion at either the second or third quarter meeting. Additionally, the City has put in a request for CIP 19 for \$120,000 to complete the Fiber Asset Audit as discussed in the Fiber Master Plan. This is work that needs to get done prior to completing the loop, so that the City can verify what existing fiber is in the ground and if it's working properly. This data can then be put into the City's GIS database so that the City can track these assets. The City has requested quotes from multiple companies and the amount is what has been requested in the upcoming CIP.

Lastly, IT Director Adam Kostrzak and Management Analyst John Stefanski attended a meeting organized by San Leandro. LIT San Leandro is establishing a consortium of East Bay Municipalities with fiber initiatives, so we can, as a region, connect and share best practices for better collaboration across the Municipal boundaries.

IT Director Adam Kostrzak expanded on the discussion of the meetings. The area that came up that's going almost hand in hand with the fiber consortium discussion is around utilization of public resources for antenna placement for the forthcoming deployment of 5G networks. The City needs to remain on top of this to assure we have the right policies in place to protect our assets. This is in line with SB649 which did not pass. Just because this bill did not pass does not mean there is not another bill forthcoming. The Wireless Working group in the South Bay is also looking at how to address this, especially in the mid to smaller Cities which lack the resources of larger Cities to build a more encompassing policy. Management Analyst John Stefanski informed the Committee that currently, there is approximately a 30-day turnaround for basic approvals.

#### **4. Traffic Systems – Staff Report**

Associate Transportation Engineer Sai Midididdi gave the Committee a brief overview on Traffic Systems. The Bay Area has a booming economy which has a tremendous effect on traffic, especially because people are having to commute longer distances. The Metropolitan Traffic Commission reported that in a recent survey, traffic has increased 80% over 6 years. People are using mobile applications such as Google Maps or Waze to seek out alternate routes to escape congested freeways which puts added pressure on local roads. Unfortunately, this coupled with Hayward being located between 880, 580 and 92 adds to our traffic congestion. Transportation Manager Fred Kelly informed the Committee that the Mission Boulevard/Foothill Corridor has 25-35% of regional traffic going on those roadways because there is so much congestion on our regional freeways. Associate Transportation Engineer Sai Midididdi informed the Committee that they do have to handle both the regional ground and the local traffic routes, so, when people come to the City from the freeway, our local roads are very limited. We need to provide access to businesses, residents, side streets, and schools. Traffic signals are a valuable tool, we have approximately 135 traffic signals in Hayward. Coordinating the signals is the most low-cost approach to move the traffic through the corridor and has multiple advantages.

Staff has been successful in getting 3 TFCA Grants. We received the grants to re-time and coordinate the signals on Winton, Clawiter, Tennyson, and the Hesperian Corridor. We've also done Harder Road starting from 2013-2014. We received grants that allowed us to look at all these Corridors and redo the timing and signal coordination to get it up-to-date. It's a combination of upgrading the controllers and updating the timing. The recommendation is to update them every 3-4 years, which would be a good way to maintain the timing of the signals. We were very successful in getting the IDEA (Innovative Deployment of Enhanced Arterials) Grant, which provides Bluetooth Technology that can be added to our signal infrastructure. This can in turn, program our signals to improve the performance and traffic flow. We will be deploying this technology on the Tennyson Corridor, 2<sup>nd</sup> Street, and Downtown Corridor. We will soon be adding 2 controls on Jackson Street all the way from Santa Clara to Mission Boulevard/Jackson Street, Mission Boulevard to South Industrial, and from Mission Boulevard to the North of A Street as part of the Route 238, Phase 2 and 3 Corridor Improvement Projects. We're working on a project to improve the AC Transit line 97 for signal priority.

We're also working on data sharing for websites where we can enter data to update routes and can send real time information. Transportation Manager Fred Kelly informed the Committee that they are in the process of putting together a Strategic Plan which will go hand in hand with the Fiber Master Plan. Associate Transportation Engineer Sai Midididdi informed the Committee that we have traffic signals that start with a green arrow and turn into a green circle afterward, this is called Protection vs. Permitted signaling and is not unusual in the Bay Area. We currently have these signals for right turns only.

## **Standing Meeting Items**

Fiber Master Plan  
Fiber Grant

## **Future Agenda Items**

PEG Utilization/Tour of Chabot Facilities – Policy (June 2018)

Water Systems – Tech Update (September 2018)

City WiFi – Policy (September 2018)

UrbanLeap Tool – Tech Update (September 2018)

Drone – Show and Tell (September 2018)

Dig Once Policy – (September 2018)

FY 2018-19 CTAC Meeting Schedule (June 2018)

## **Committee Member/Staff Announcements and Referrals**

IT Director Adam Kostrzak – Nathaniel Roush is coordinating with Chabot College on getting day parking permits for staff attending the Chabot Tour/CTAC Meeting on June 7, 2018.

Councilmember Al Mendall – Traffic Systems – For future traffic mitigation strategies, would like to have the City analyze the traffic impact of a technology solution versus a traditional solution such as adding an additional traffic lane. This would have great value to policymakers when considering traffic related CIP projects.

**Next Meeting: June 7, 2018**

**Meeting adjourned at 5:35pm**