



PUBLIC WORKS STATUS REPORT

By Nicholas Bryan
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Month of June 2022

NOTABLE ACTIVITIES

WATER

The month of June is the last month of the fiscal year this is the time of year to look at the remaining available budget for the current year also its the time of the year to budget for the next fiscal year . This is the time to make any last minute purchases . Public Works also takes some time to look back through the months to see if there is any required adjustments to over come any short comings related to staff scheduling , water repair parts inventory , efficiency, budget , operations planning and improvements towards water quality . Reviewing the current budget also helps see where we might have been over budget and then we can make some adjustments for the future budget .

There was some notable water repairs . There is a 2inch galvanized water main located on Mission Vineyard Rd this water main is undersized and extremely old and corroded it has sprung leaks a couple times a year . There is a 4inch water main installed I recommend that the properties that are being serviced from the 2inch line be connected to the existing newer 4inch line this would eliminate future leaks by allowing the 2inch line to be abandoned . Public Works also responded to a water lateral leak located on the older section of 5th st the water lateral appeared to be extremely rusted and corroded . I can forecast future leaks in this area as this area is in need of all new underground utilities same as allot of other older areas of town as the utilities have reached the end of there lifespan .

Mission Vineyard Rd water repair



SEWER

During the month of June we had a sewer lift station failure . The Rancho Vista sewer lift station utilizes a pressure transducer that is connected to a level controller that is installed in the motor control cabinet . The pressure transducer hangs inside the waste water located in the wet well . When the transducer fails it does not send the correct sewage level not communicating to the controller to turn the pumps off and on . The good news is that the audible emergency alarm worked correctly as the station hit the high water alarm and a resident called the Public Works after hour on-call phone notifying Public Works that the alarm had been going off . Public Works was able to respond make adjustments to the system allowing the alarm floats to activate the pumps on and off this bypasses the level controller but negatively disconnects the alarm system this adjustment allowed the pumps to go on and off as needed until the failed level transducer can be replaced . Public Works wired in a new level transducer also sending the failed sensor off to be rebuilt. Now the city will have a back up part ready to be installed during any future failures . These situations is a reminder why its so important to have responsible employees to be on- call and available during situations like these also to have employees experienced and diverse in many areas of maintenance is a huge benefit to the city.

BUILDING AND GROUNDS

The Franklin Park project is 98% complete the fencing has been removed and ready for some bocce ball to be played . There are some last finishing touches to be addressed the benches , tables and the community succulent garden still need to be finished . The supply chain issues have caused long lead times for the tables and benches . The Verruti Park restroom installation has been off to a slow start the electrical trenching has been completed also some demolition and rough grading has taken place . I'm not sure when this project is going to be completed . Public Works has also made adjustments to our grounds irrigation schedule . The city and residents are currently only allowed to irrigate landscaping to 2 days a week Monday and Thursday before 9am and after 5pm the water restrictions have been put in place due to the current drought .

Gophers and moles this year have been out of control located in our City facilities that include Luck Park and Verruti Park and also in our community funded districts that include Copper leaf development and the Rancho Vista development . The gophers and moles will require a professional pest controller to bring the gophers under control. Well Site # 6 currently has a ground squirrel infestation the ground squirrels will also require a pest control professional to bring them under control . Public Works has requested a proposal for the cost of the pest control work.



New Franklin Park



STREETS/ STORM DRAINS

Public Works has been working with engineering surveying and inviting out contractors to estimate the cost to improve the streets that are outlined in the current (pmp) pavement management plan . The (pmp) is a survey of our streets that takes into count traffic load , condition , available budget and other related details. This is a plan to help manage funds for street surface improvements . The improvements include asphalt overlays , crack sealing , chip sealing and various other types of asphalt surface improvements . Implementing our current pmp is the first step to start addressing all the past deferred maintenance. The community should start seeing some paving activities in the next months to come. Good news there is more funding currently available that will increase the budget for more improvements . The improvements will also include sidewalk maintenance . The budget information for the next fiscal year 2022/2023 is located in our current Capital Improvement Budget . This is awesome for our community .