



PUBLIC WORKS STATUS REPORT

By Nicholas Bryan
Public Works Supervisor

Month of May 2022

NOTABLE ACTIVITIES

WATER

During the month of May there was no water main repairs this is surprising with our aging system you never know when we are going to develop leaks sometimes we will have long periods of no leaks . There was some water meter maintenance also just the normal system operating we did have some electrical problems with well #1 this has been resolved the problem was related to a bad electrical outlet . Thank goodness our chlorinating shed did not catch fire as from the looks of the outlet it had caught on fire .

Public Works receives utility locating request through the 811 call before you dig system the city of San Juan Bautista is responsible to locate the cities utilities located within the public right away this area is normally located curb to curb within the street . Public Works has had a long time need for pipe locating technology this technology improve our accuracy during locating and marking our utilities . the marking is normally done with different colored paints . Blue is for water and Green is for sewer . Water and sewer are the common utilities that are city owned and are very important that we locate as accurate as possible to avoid any damages during construction projects that include infrastructure improvements or utility repairs . During this fiscal year we added funding for the purchase of this technology and now am pleased to say we have purchased a pipe locating kit that also included free training this equipment will be a game changer for our future utility locating.

Purchased Pipe Locating Equipment



Bad Electrical Outlet Well #1



SEWER

During the month of May we installed a new sewer lift station pump at our Ahwahnee st sewer lift station. The previous pump kept catching debris and ragging up as the previous pump had become worn out and in need of replacement . The Ahwahnee st sewer lift station was also having problems with the remote alarm call out system this system needed to be checked out by a technician as the alarm was failing to call out and now the issue have been resolved this system is very important as the alarm notifies the city when there could be a problem with the station this will help reduce the chances of having a (SSO) sanitary sewer overflow this alarm system increases the cities response time during system failures that rarely happen but its very important that we are notified as soon as possible.

The city has televised portions of our underground sewer according to the list of streets that are on our current pavement managment plan . Replacing the underground utilities prior to repaving could help avoid having to cut into the street surface after a fresh overlay . We can only upgrade what we can afford according to our budget . The main priority within our sewer budget is installing the future sewer force main from San Juan Bautista to the city of Hollister.

BUILDING AND GROUNDS

This Month in our buildings and grounds department was rather routine there are a few notable Public Works activities to report . There is good news the Verutti Park restroom installation project has begun the contractor has completed the electrical trenching also preparing the foundation . This will be really nice for the community in addition to the restroom there will also be Solar powered lighting installed throughout the park the lighting should provide some extra safety. There was also a section of slide in Verutti park that needed to be replaced as it was vandalized .

The City Hall council chambers technology upgrade project has begun this happened in late May and should be completed in the month of June . This technology upgrade has become even more important since the time the covid-19 epidemic began as there has been a need for remote meetings also in the coming future there will be hybrid meetings this will be a mix of remote and in person meetings the new technology will do a better job accommodating the new mix of remote and in person meetings.

San Juan Bautistas fire house interior is in the process of being painted this also included installing new baseboards in one of the areas and random repairs throughout . This work should be completed by the beginning of June .

Phil fixing the Verutti Park slide



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 account 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.