



City Of Vacaville

Monthly Report

December 2020

TO: Honorable Mayor and City Council

FROM: Aaron Busch, City Manager

The items being reported below are for the month of November.

CITY MANAGER

ECONOMIC DEVELOPMENT

Biotechnology

In October, the City held a press conference to announce the implementation of the Biotechnology and Advanced Manufacturing Initiative, and the creation of a new non-profit called the California Biomanufacturing Center. At its heart, this initiative is an economic development effort to grow the City's economy. The City is proactively working to attract more of these industries to the City of Vacaville. The California Biomanufacturing Center is the cornerstone of the City's biotechnology effort. We are positioning ourselves to be the epicenter of Biomanufacturing in the United States. Since its inception, City staff has met with several developers and biotechnology companies interested in developing facilities in the City of Vacaville.

Implementation of the Advanced Manufacturing initiative has also gotten off to a great start. City staff has been working with several industrial developers to help attract more manufacturers to Vacaville. Collectively, these developers are positioned to build nearly 3.4M square feet of facilities to support manufacturing. Launching this new initiative couldn't have been more timely, as our federal government is discussing policies to help manufacturing and biotechnology companies re-shore facilities in the United States.

Extension of Temporary Outdoor Business Permit Program

In July, the City issued an Emergency Order signed by the City Manager to allow for businesses to operate outdoor and on public facilities owned by the City of Vacaville. The Emergency Order allowed for outdoor use until December 31, 2020. As COVID-19 continues, many businesses still continue to operate in limited and restrictive manners, including not being permitted to operate indoors. Restaurants, gyms and other small businesses have had to rely on the Outdoor Business Program as a temporary remedy to operate their businesses. To date, 23 businesses have received a Temporary Outdoor Business Permit to operate outdoors. On December 8, City Council adopted a Resolution that would extend the Outdoor Business Permit Program and Use on Public Facilities until the City Council decides to terminate the Executive Order that was issued on July 23, 2020. City staff expects more businesses to secure the Outdoor Business Permit as the COVID-19 pandemic continues. All businesses who receive the permit must abide by a detailed set of guidelines that are a part of the application to be completed by the businesses.

Implementation of Winterization Program

Related to the Outdoor Business Program is a new Winterization component that will allow for businesses to utilize tents, lights and heaters for outdoor business use during the colder, darker and wetter months of winter. For businesses who have received approval from the City on the Outdoor Business Permit already, they do not need to apply for the Winterization Program, but rather adhere to the new regulations associated with Outdoor Business Guidelines. The updated guidelines provide specific language on what is allowed with tents and heaters. Businesses will be required to follow these guidelines. For businesses that do not have the Outdoor Business permit, permit approval will be required in order to utilize tents and heaters. A Fire Department inspection will also occur as part of the approval process for use of tents and heaters. The City of Vacaville also recently purchased tents, lights, K Rail, and heaters to a portion of Main and Merchant Streets to allow for a handful of businesses to operate on public right-of-way during the COVID-19 pandemic.

Economic Recovery Strategy and Tourism Recovery Strategy:

Economic Development staff is in the final month of completing two recovery strategies aimed at addressing the negative impacts brought on by COVID-19. The COVID-19 Economic Recovery Strategy is a community-wide effort that has assessed the damage to the local business community. Numerous focus groups with brokers, property owners, large employers, small businesses, downtown businesses, and developers. From these interviews, data collected, and research, our consultant (Chabin Concepts) will base a recovery strategy for 3 to 5 years to address the needs and best practices for Vacaville's economy and businesses recover in a way that is correct and as quick as possible. The Tourism Recovery Strategy is a niche effort aimed at just addressing ways to assist the tourism industry recover in Vacaville. Visit Vacaville is working closely with City of Vacaville and the consultant, Clarity of Place, to focus on recovery efforts for Vacaville's tourism industry. Both strategies will be completed by December 30, 2020.

INFORMATION TECHNOLOGY (IT) DIVISION

For November, the IT Division closed 272 support requests from across the city. Staff shortages have impacted the Helpdesk team. IT Division is actively working with HR to fill one open position. Significant projects to include are the Public Safety Radio System upgrades and Network Core services across all City of Vacaville sites and ERP system.

COMMUNITY DEVELOPMENT

DEPARTMENT DEVELOPMENT RELATED REVENUES

Revenues generated by Community Development during November 2020 were \$89,950.72.

PLANNING COMMISSION

The Planning Commission met on November 17, 2020 and discussed the following items:

- Villages at Vanden Meadows Development Agreement Amendment – Planning Commission recommends City Council reaffirm the Vanden Meadows Environmental Impact Report and adopt the Villages at Vanden Meadows Development Agreement Amendment.
- Biotechnology and Advanced Manufacturing Initiative – Planning Commission adopted a statement of support for the Biotechnology and Advanced Manufacturing Initiative.
- Downtown Specific Plan (<https://www.letstalkvacaville.com>).

ADVANCED PLANNING

1. DOWNTOWN SPECIFIC PLAN

On November 17, staff reviewed the previously approved architecture plans for the East Main Residential Development Project with the Planning Commission. The East Main Project is located within the boundary of the Downtown Specific Plan (“DTSP”) project area, and the Planning Commission wanted to revisit the architectural plans in relation to the types of residential and mixed use development prototypes being considered as part of the DTSP.

2. GREENTREE PROJECT

- The city’s consultants continue to work on the water, sewer, drainage, and traffic reports. Staff anticipates draft water and sewer reports in early January. Staff has provided some comments on the draft drainage report and met with the developer to discuss the preliminary drainage report.
- Staff also received, reviewed and commented on a revised preliminary site plan for the apartment site on Gilley Way.

3. VEHICULAR MILES TRAVELED CEQA ANALYSIS AND GENERAL PLAN TRANSPORTATION ELEMENT AMENDMENT

The public comment period for the Notice of Preparation ended in November. Staff received a few comments and suggestions to consider for the EIR and possible VMT strategies. Staff and consultants continue to work on the VMT modeling for the 2035 and 2050 General Plan land use maps. Staff and consultants also began to discuss considerations for the ECAS update.

4. HOUSING ELEMENT UPDATE

- Staff continues to participate in multiple webinars hosted by HCD, private consultant groups, and other jurisdictions in preparation for the Housing Element Update. Topics included public outreach and participation, processing through the new laws and conducting updates during COVID-19 restrictions.
- Staff is in the process of executing the financial agreement to obtain the grant funding.

5. TRAKIT / GIS INTEGRATION PROJECT

- This project will improve the City’s use of the Trakit permit scheduling and project tracking data.
- Staff brought the project to the point of being ready to go live.
- Project is on hold while the Building Division determines if it is worth continuing to invest in this software platform or if we should switch to a different software company.

6. UPDATES TO THE ADDRESS DATA IN THE CITY’S DATABASE

- This activity updated the City’s GIS database to include addresses for a large number of newly created lots in residential subdivisions. This update allows staff to keep or create accurate records on permitting and fees.
- Staff continues to update data as needed on a constant basis.

7. URBANFOOTPRINT CIVIC LICENSE

Staff continues the training for the program and for testing it as an aid for the Downtown Specific Plan.

8. PLANCHECKS and PROJECT REVIEW COMMITTEE

Staff reviewed and commented on the Buzz Oats CEQA review, resubmitted North Village Area Plan 2 materials, provided CEQA and General Plan comments and guidance on a few affordable housing sites/projects, and finalized some Farmstead landscaping plans.

CURRENT PLANNING

1. DEVELOPMENT REVIEW APPLICATIONS RECEIVED

- **HARBISON TOWNHOMES (FILE NO. 20-325)**
Planned Development request to construct 160 townhome style apartments on a vacant 8.86-acre site, located at the northwest corner of Harbison Drive and Ulatis Drive. The project consists of 64 two-bedroom units and 96 three-bedroom units. Floor plans would range from 1,120 sq. ft. to 1,354 sq. ft. The site plan identifies 21 three-story buildings, a 7,400 sq. ft. clubhouse and a swimming pool. The site plan also includes 356 covered and uncovered parking spaces with primary access on Harbison Drive and secondary access adjoining Ulatis Drive to the south. The building architecture reflects a farmhouse design theme with composite shingle and metal roofing.
- **CONCO INDUSTRIAL BUILDING (FILE NO. 20-334)**
Design Review request to construct a 415,808 sq. ft. industrial building on a 20.88 acre site located on Eubanks Drive, south of Midway Road. The site plan includes: (1) 6,000 sq. ft. office space; (2) 409,808 sq. ft. warehouse; (3) 421 parking spaces; and (4) landscaping. Access to the site would be provided by four driveways on Eubanks Drive.
- **RAISING CANES CHICKEN FINGERS (FILE NO. 20-324)**
Conditional Use Permit request to demolish the former Applebee's building and construct a new 3,267 sq. ft. drive-thru restaurant building for Raising Cane's Chicken Fingers at 160 Nut Tree Road. The new building includes a 247 sq. ft. corral and 303 sq. ft. outdoor covered patio.
- **PREMIER RV STORAGE FACILITY (FILE NO. 20-326)**
Design Review request to construct a new private parking lot on a vacant 1.3-acre parcel located on Quinn Road, abutting the existing Camping World facility. The project includes a 6 ft. perimeter fence with landscaping along the street.

2. DEVELOPMENT REVIEW APPLICATIONS APPROVED

THE RANCH SITE WORK (FILE NO. 20-307)

The Director of Community Development approved a Design Review request to perform on-site improvements at the Alamo Plaza located at 806-904 Alamo Drive. The improvements include a 5% parking reduction to accommodate outdoor dining, new landscaping, lighting, fencing and painting.

3. HOME OCCUPATION PERMITS

- 19 received; 40 approved

4. BUILDING PERMITS PLAN CHECKS

The Planning Division reviewed 52 Building Permit applications, including:

- Lagoon Valley Self Storage
- Aviator Warehouse Building Grading
- Plot Plans for:
 - Farmstead
 - Brighton Landing (Villages 8 and 12)
- House Plans for North Village (Bristow, Unit 7)



5. ZONING VERIFICATION REQUESTS

- 1 request received; 1 issued

6. PLANNING COUNTER INQUIRIES

- 84 development related inquires

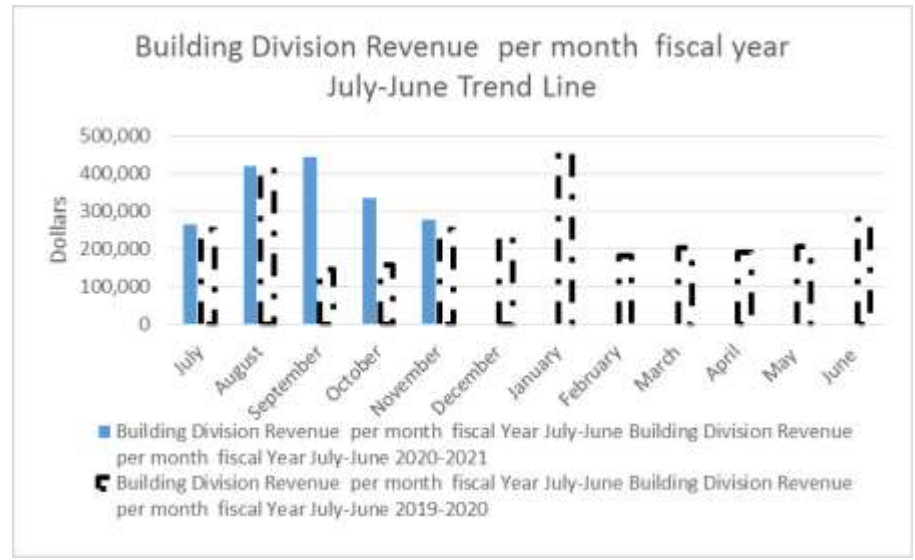
BUILDING DIVISION

<p>1061 Residential and Nonresidential Building Inspections for the month of November</p> <p>Inspection trend for the year to this date; total Residential and Nonresidential Building inspections made each month</p>	<p style="text-align: center;">Inspection Volume Trend fiscal year July-June</p> <p>■ Residential and Nonresidential Inspections Completed Fiscal Year July-june 2020-2021 ■ Residential and Nonresidential Inspections Completed Fiscal Year July-june 2019-2020</p>		
<p>405 Permits issued for the month of November</p> <p>Permits issued each month this fiscal year with trend line</p> <p>Permits issued in each month same time last year</p>	<p style="text-align: center;">Building Division Permit Trend fiscal year July-June</p> <p>■ Building Division Permit Trend line fiscal Year July-june Permits Trend Line 2020-2021 THIS YEAR ■ Building Division Permit Trend line fiscal Year July-june Permits Trend Line 2019-2020 THIS YEAR</p>		
<p>New Single Family Dwelling Unit Permits issued this month / total for Fiscal Year 20-21 through November</p>	<p>46/218</p> 	<p>New Single Family Dwelling Unit Permits issued same time Last Fiscal Year 18-19 month / total to date</p>	<p>27/192</p> 
<p>Residential and Nonresidential Permits Issued for November</p>	<p>Residential Activity - Permits Issued November; 381</p>		<p>Nonresidential Activity - Permits Issued November; 24</p>

Building Division Revenue for November

\$277,004

Building Division Revenue in each month this fiscal year and same months last fiscal year



Special Interest Notes:

- \$33,375 General Plan Implementation and Recovery fees collected in November
- % of On-line Permits of all permits issued in November; 66%
- % of On-line Revenue in November; 18%
- Special Note: On-line Permits are 56% of all permits issued since November 1 of 2015

Projects of Note:

- 126 On-line Solar permits issued in November. Total 129 + 41 New SFD w/solar = 170 Solar permits issued in November
- 8 Swimming Pool permits issued in November
- 6 Tenant Improvement and Nonresidential Alteration permits issued in November
- 29 Single Family Dwelling Units passed Final Inspection in November
- 9 Code Enforcement cases opened in November (Building only)

FINANCE

In December, the Finance Department published a new financial transparency webpage providing detailed information about the City’s Mello-Roos Special Tax Districts also referred to Community Facilities Districts (CFDs). The webpage provides both current and historical information about the City’s CFDs including:

- An interactive map of CFD boundaries, which allows current and prospective homeowners to view property tax information by address or parcel number
- An introductory video on CFDs including what they are and how they are formed
- A list of Frequently Asked Questions
- Links to external Consumer Price Index (CPI) data, which annual increases to the CFD tax are based on
- Printable one-page reference guides for each district
- Previous years’ disclosure reports, and more

The webpage is viewable at the link below or via the City’s homepage by hovering on the Government drop-down menu and going to the Finance page.

<https://www.ci.vacaville.ca.us/government/administrative-services/finance/community-facilities-district>.

FIRE

OPERATIONS

Month Statistics

Total Emergency Responses	957
Emergency Medical Responses	678
Emergency Medical Transports	567
Anticipated EMS Receipts (Approximate)	\$483,364
Average Response Time	4 mins 31 secs
Fire Incidents	17

Fire Incident Types

Building fires	5
Passenger vehicle fire	4
Natural Vegetation fire	2
Outside rubbish, fire, other	1
Outside rubbish, trash or waste fire	4
Outside equipment fire	1

HOUSING SERVICES

HOUSING SUCCESSOR DIVISION

On November 17, 2020, staff held a community meeting for the Brown-Markham Neighborhood Public Recreation Improvements Plan. The Plan was adopted by City Council on 10/13/2020 to plan for recreation improvements on City owned sites at Trower Park, Rocky Hill Trail, Markham Avenue (south end of the Rocky Hill Trail) and the Brown Street site. The community meeting was held via Zoom and introduced the Plan and discussed what recreational features are desired at each site. Staff will hold additional community engagement events in order to capture the community's desires for the type, design and location of recreation features on the sites. This information can also be included to meet requirements for any grant applications to the State Parks and Recreation Department Statewide Parks Program.

On November 11, 2020 City Council accepted the annual report on Opportunity House operations from Vacaville Solano Services Corporation (VSSC). The annual report is a requirement of VSSC after Council approved a loan modification and provided emergency funding to the shelter in 2017. Over the past year Opportunity House served 114 residents, provided 10,518 bed nights and 31,562 meals. VSSC reports that the average length of stay was 11 months and there is an 87% success rate for program exits with 76 of 86 residents completing the program: 35 found permanent housing, 31 found transitional housing and 10 moved into shared housing.

HOUSING PROGRAMS

During the month of November, the Vacaville Housing Authority Family Self Sufficiency Program had 2 graduates. The Family Self Sufficiency Program is designed to assist families in becoming economically independent and self-sufficient by providing services ranging from case management and referrals to supportive social services like credit counseling, workshops and training.

In the month of November, the front counter assisted 1,034 customers by phone and appointment.

Type	July 20	Aug. 20	Sep. 20	Oct. 20	Nov. 20	CYE 20
Public/Client Walk-In's Assisted	78	35	57	46	39	1,511
Public/Client Telephone Calls Assisted	1,024	672	421	433	995	8,598
Total:	1,102	707	478	479	1,034	10,109

PARKS & RECREATION

PARKS and RECREATION COMMISSION – November 4 Meeting

- Commissioner Ralph Berumen was sworn in.
- Recreation Coordinator Morgan Kruger presented on the Aquatics and Special Interest program.
- Recreation Manager Melody Ocampo updated the Commission on the Winter Water Fitness Committee and recommendations from the committee that the Department have implemented.
- Park Planner Jim Simpson presented on the aspects that are considered when planning facilities including assessments, community engagement and implementation.
- Recreation Manager Melody Ocampo updated the Commission on the Statewide Park Development and Community Revitalization Program Grant (Prop 68).
- November reports included: Arts Advisory Committee (Commissioner Vasquez), Park project updates (Park Planner Hew Hesterman) and Program updates (Recreation Manager Melody Ocampo).

ACTIVE AGING

- The annual Thanksgiving Feast was celebrated in a different way this year due to COVID-19. Staff worked with 20 volunteers, Fuso Italian Restaurant, Erica Marie's Catering, Cogir of Vacaville Senior Living, Grocery Outlet, WinCo, Walmart, and Tammy Deters & Elks Lodge 2638 to deliver Thanksgiving meals and groceries to over 100 seniors who were celebrating alone on the holiday.

AQUATICS

- Throughout the month of November, the Aquatics staff were thrilled to see participation numbers climb for Water Aerobic classes. Weekday Deep and Shallow Water Aerobic classes saw an average of 7 pre-registered participants per class. Weekend classes received an average of 12 pre-registered participants. We are excited to work with the public to support this trend throughout the winter months and into spring.

CULTURAL ARTS

- In early November, Solano County moved from the Red tier to the Purple tier on the COVID-19 scale. To accommodate this change, Ballet & Music classes were held virtually.

EARLY CHILDHOOD ENRICHMENT

- Early Childhood Education classes spent the month of November exploring outdoors and experiencing how nature turns to fall. Three Oaks went on a quest outdoors to gather a variety of leaves to create fall craft projects. Foxboro took a field trip outdoors to view the multiple trees and see how their colors are changing. To conclude the month, the Cooper site traced and painted turkey hand prints and discussed how important it is to be thankful. November also included conversations on nutrition, how to make healthy food choices and the importance of exercise to keep our hearts and bodies healthy. A salute to Veterans involved discussions on the various armed forces.
- The Early Childhood Enrichment Program continued the month of November with the new Arts and Crafts program titled "Feast Beasts". Site Leads ensured each session was jammed packed with projects centered on the month of November.

GYMNASTICS

- During the month of November staff reintroduced traditional programs with a focus on basic skill development. Due to popular demand, three additional classes were added to the Jumping Jags groups for ages 5-7. The girls' competitive team with eight participants began their conditioning regiment after being on pause since March. Unfortunately, returning to the purple tier, programs were cancelled including the full class registrations for the next session scheduled to begin the first week of December.
- "Movin after 'Zoomin'", the new after school childcare program, offered five new students loads of fun and activities along with structured free play, tumbling, crafts and games. No electronics or screen time are allowed to give the children a break from their computers. This active program is provided for first to sixth graders, all while social distancing and wearing their masks.

THERAPEUTIC RECREATION

- Walk & Roll finished their first session and one hard working participant received a \$25 gift card from Big 5 Sporting Goods for taking the most steps.
- Staff met virtually with the Solano County Office of Education (SCOE) to discuss ways to promote the TR Program to a broader audience. SCOE agreed to help by advertising the TR program in their monthly newsletter.
- Two new programs titled Feel Good Fridays and TRACE (Therapeutic Recreation Activities for Community Engagement) are set to start in early December, and five other program proposals were approved to start in the New Year.

TEENS

- The Babysitters Club, scheduled for November 21, was canceled due to in-person class restrictions and Solano County's 'purple tier' status. Additional sessions are planned for spring, 2021 should COVID-19 guidelines allow.
- VacaCon 2021 has been approved to launch in a modified format from the growing Convention status that it was in 2019 and 2020. VacaCon will present a series of virtual panels from artists, graphic designers, authors, or Cosplay enthusiasts. The virtual VacaCon is scheduled for Saturday, March 6, 2021.

SPECIAL EVENTS

- We hosted our first virtual run, Run for a Reason, for the whole month of November, with proceeds benefiting those affected by LNU Lightning Complex fires. In partnering with City of Vacaville (CoV) Life, many staff participated and we were able to raise \$200 to donate to Solano Community Foundation. Our sponsors, Fleet Feet: Vacaville & Solano Thunderhawks, donated 2 gift baskets valued at \$100 each. Our virtual check presentation is set to take place on Wednesday, 12/9, at 10:30am via Facebook.

YOUTH & ADULT SPORTS

- A few sports programs continued throughout the month of November despite the county's move back into the purple tier for COVID-19. All classes practiced individual conditioning skills and followed the strict CDC guidelines. Karate moved to the Harbison Event Center Outdoor Pavilion. The covered area has proven to be a viable outdoor location for classes. Staff were working on the George Duke boxing room project but had to quickly pivot and get the facility ready for the Opportunity House's warming shelter to move in. Parks and Rec line staff plan to open and close the facility daily as well as provide assistance with any routine needs.
- Youth Sports staff are working in partnership with the Teens programming staff to bring E-Sports to Vacaville! Preliminary meetings were held with potential platform providers in addition to the City Attorney's office to discuss any initial concerns or potential issues. Staff anticipate rolling out this new program in early spring with virtual offerings and then moving to in-person programming post-COVID-19.

YOUTH SERVICES

- TGIF participants and staff created Thanksgiving cards for the hot meal program that were distributed with each Thanksgiving meal. Normally, youth support the in-person Thanksgiving festivities at the McBride Center with cards and decorations, this year's support was able to continue with messages of thanks and care through cards for seniors.

VACAVILLE PERFORMING ARTS THEATRE

- Throughout the month of November we are offering livestream events to our patrons.
- On November 25, Christmas in my Hometown, a wonderful tradition in its 15th year, was offered via livestream. Featuring some of the greatest moments from the past 15 years hosted by Ron George, Emily Cribb, Zach George, Aaron George and Megan Hicks.
- On Stage Vacaville hosted a Giving Tuesday event from November 18- December 1. This event went to support local performing arts and entertainment groups who have been affected by the current pandemic.

Season Ticket Sales:

Jake Shimabukuro – Rescheduled (226)

Menopause – Rescheduled March 24, 2021 (200) (288)

Los Chicos del 512 – Rescheduled May 28, 2021 (145)

POLICE DEPARTMENT

11/30/20 – This month the Communications Team focused on the completion of their bi-annual EMD (Emergency Medical Dispatch) re-certification. In order to maintain compliance, each dispatcher is required to complete 24 hours of continuing EMD education, maintain a valid CPR certificate, and pass a re-certification test module. The program guides dispatchers in providing callers with instructions during critical calls, such as CPR, choking and childbirth.

During the month of November:

- Property and Evidence completed 112 discoveries and received 1 dispositions for research. The unit completed the intake of 439 pieces of evidence and completed the disposition of 245 pieces. The department received 5 subpoenas.
- Records front counter was closed to the public. Additionally, they processed 84 vehicles for release, 530 moving citations, 280 parking citations, and completed 91 background checks for OPM.
- Communications Center staff answered 2,004 9-1-1 emergency calls, and 9,308 non-emergency calls. Public Safety Dispatchers made 5,188 outbound calls. Two text to 9-1-1 sessions were initiated. Communications Center staff processed 933 Priority 1 Police CAD calls, 1,047 Priority 1 Fire CAD calls, 1,770 Priority 2 CAD calls and 1,438 Priority 3 CAD calls for service for a total of 11,312 calls processed.

Police Department staff investigated 169 reported crimes in November. Part 1 Crimes for the month of November, as reported to the Department of Justice include:

Homicide- 0	Homeless/Property Removal- 0
Rape- 3	Camping Reports- 6
Robbery- 2	Traffic Collisions- 73
Aggravated Assault- 9	Panhandling Citations- 0
Burglary- 15	Property Loss- \$527,125
Larceny- 121	Property Recovery- \$210,329
Motor Vehicle Theft- 19	
Gun Statistics- 19	
Adult Arrests- 326	
Juvenile Arrests- 14	

PUBLIC WORKS

ENGINEERING SERVICES DIVISION

Construction

Pedestrian Crossing Enhancement Project

This project consists of constructing pedestrian crossing enhancements including: advanced pedestrian warnings and signs, and rectangular rapid flashing beacons at the intersection of Browns Valley Road with Waterford/Clarecastle Way, and Marshall Road with Southside Bikeway. The project was awarded on September 4, 2020, for the bid amount of \$144,729.00. The contractor completed the installation of the rectangular rapid flashing beacons and all warning signs. The contractor is working on finishing the final punch.

Design

Fire Station #74 Roof Replacement Project

The City awarded a negotiated contract to Northern California Roofing for the roof replacement project of Fire Station #74 located at 1850 Alamo Drive. The project consists of removing the existing concrete tile roof and replacing it with composition asphalt shingles, as well as removing and replacing the gutters. The project is anticipated to begin and complete construction in January 2021.

Parks and Recreation Office Carpet Replacement Project

The City awarded a negotiated contract to DFS Flooring for the carpet replacement project. The project consists of removing and replacing the existing carpeting and wall base for suites 12 and 13 of the Parks and Recreation Offices located at 40 Eldridge Avenue. Construction of the project will be done in the month of February 2021.

Traffic Engineering

Downtown Dining Traffic Control Plan

Traffic staff worked with the Economic Development Department to complete a Traffic Control Plan for outdoor downtown dining on Merchant Street to safely allow road closures.

Recruitment

Traffic Engineering is currently recruiting for a Junior/Assistant Civil Engineer. This advertisement is in anticipation of an upcoming retirement in Traffic Engineering.

Development Engineering

Blue Mountain Enterprises

A parcel map that will create two parcels for single family dwelling units along the eastern edge of Gibson Canyon Road just south of Fruitvale Road was reviewed and approved.

Roberts Ranch Village A

Roberts Ranch is located on the east side of Leisure Town Road, just south of the Brighton Landing development and north of Fry Road. The Village A subdivision includes 88 single family units. Staff previously approved the improvement plans for the construction and installation of the infrastructure for the subdivision. The final map has recently been reviewed and found to be technically correct and is scheduled to go to City Council in January 2021 for approval.

Maintenance Division

Centennial Park Pedestrian Path Crack Sealing

Asphalt degrades over time, a situation which has been impacting the pedestrian pathways at Centennial Park. To prevent further deterioration of the pathways, the City's Street crew crack-sealed the asphalt which will help to preserve the asphalt pathway by sealing the cracks against water infiltration. The newly crack-sealed asphalt pathways increase the City's return on investment in constructing the paths, as well as preserves the use of the paths by the public.

Davis Street Entry Sign Led Conversion

This past month Maintenance staff upgraded the aging and maintenance-intensive Davis Street entryway sign from florescent to LED. After several years of patching the florescent-lit sign and dealing with shortages of florescent replacement parts, the sign was completely renovated with LED lighting, which now provides brighter colors and will offer worry-free service for many years to come.



Linwood Street Fallen Creek Tree Removal

In late November, Public Works Maintenance managed the removal of an 80+ foot tall Valley Oak tree that had fallen across Alamo Creek from one side of the bank to the other, potentially obstructing winter storm water flows. Staff organized the crane and tree removal vendors, shut down the court, and over the course of eight hours, removed the tree with a diameter of over four feet. The tree was deftly reduced to smaller sections (15+ feet long) and carried between homes to safely rest in the court where the smaller debris was reduced to chip and the larger sections hauled away for later disposal.



UTILITIES

ENGINEERING

CAPITAL IMPROVEMENT PROGRAM PROJECTS

Easterly Wastewater Treatment Plant (EWWTP) Solar Power Facility

A new 4 Megawatt (MW) solar power facility will be installed at the EWWTP. This new facility will supply a portion of the power used to run the plant, reducing the Department's utility bill by an estimated \$459,000 in the first year and more than \$18.2 million over 20 years. The Power Purchase Agreement with ForeFront Power will include all design, construction, and operation of the facility. The project and agreement was approved by City Council on December 8.

Well 17

A kickoff meeting with Kennedy/Jenks Consultants for this new City water supply well located at the intersection of Alamo and Snowy Owl Drives was held on December 3 to start the project design for the full equipping of the well site.

OPERATIONS & MAINTENANCE PROJECTS

Vaca Valley Lift Station (VVLS) Valve Replacement Project

This project included replacement of piping and valves in the (VVLS) valve vault after existing valves were found to be leaking. GSE Construction was awarded this project and completed installation of the new piping manifold this past month.

Well 2

A contract for the design of the new well to replace the old well at the corner of Nut Tree Drive and Elmira Road has been sent to the project consultant Wood Rodgers for signature. The original production well will be abandoned, and the contract for the destruction of that well is with Kirby's Pump & Mechanical contractor for signature.

PLANNING & ASSESSMENTS

Recycled Water Master Plan

Utilities staff have been working with Carollo Engineers on a Recycled Water Master Plan for the City. A full draft of the Master Plan Feasibility Study, Advanced Plan, and associated environmental documents has been completed by Carollo Engineers. The Public Draft Initial Study and Mitigated Negative Declaration (IS/MND) on the proposed project was circulated for a 30-day review period, which ended in early November. Comment responses are being prepared, and the plan will be brought to City Council in early 2021.

MAINTENANCE

Mechanical Group:

Grit Pump Mechanical Seal

Mechanics replaced the seal on the Easterly Grit Pump #3 pump.

NCCCO Crane Operator Recertification

All Mechanics attended classroom refresher training, then took a practical field examination to re-certify as crane operators.

Hidden Valley Booster Pump Station (BPS) Motor Failure

Mechanical staff performed the bulk of the work involved with a failed motor at the Hidden Valley BPS. Due to the motor failure the entire close coupled pump required disassembly and re-fitting to the newly purchased motor. The pump's mechanical seal was replaced as part of the process.

Allison Parkway Lift Station (LS) Emergency Repair

Mechanics performed an emergency repair to the Allison Parkway LS hatch covers. The covers were damaged and would not open or shut properly causing a safety hazard to Wastewater Operators, and also prevented staff from locking the hatches to prevent access by the public.

INSTRUMENTATION CONTROL ELECTRICAL (ICE) GROUP

Well 14

In preparation of new MicroClor chlorination system installation, Electricians and Control Systems Technicians (CSTs) completed demolition of Electrical/Controls equipment in the Chlorine dosing room.

Hidden Valley Booster Pump Station

Electricians responded to power fault and discovered an outage due to a failed pump motor. Electricians disconnected the motor, purchased a replacement, and worked with Mechanics to help install new motor.

EWWT Chlorination Pump

CSTs responded to a request concerning a Chlorination pump that was over-ramping to 100%. They determined that a control board in the variable frequency drive had failed. That drive is no longer manufactured but staff were able to troubleshoot the board at a component level, identified the failure, and replaced the component

ADMINISTRATION

Water Conservation

The November water consumption figures showed the City had increased its overall water consumption by 11.9% compared to the same month in 2013. This is attributed to the relatively dry winter we are experiencing to date this year. Residents consumed an average of 124.79 gallons per day for the month. For the year, residents have consumed 11.7% less water over the same period than they did in 2013.