



# 2019

## CITY OF KLAMATH FALLS

### ANNUAL REPORT

[www.klamathfalls.city](http://www.klamathfalls.city)



IN REVIEW

## MESSAGE FROM OUR CITY MANAGER

Exciting changes are happening in Klamath Falls. 2019 saw construction begin for a new Marriott Hotel, an agreement finally signed for redevelopment of the Main and Esplanade block, and numerous blighted properties rehabbed or removed. City Staff have been busy doing our best to sustain those private parties making investments and applying City resources to specific areas for improvement. A new Home Exterior Improvement Grant and Downtown Façade Grants helped incentivize and leverage private investment in our neighborhoods and downtown. Things as simple as new paint are making a difference.

The City's focus neighborhood approach continues to show promise and see improvements. We are dedicated to making sure what we do as a City improves the community. Through the focus neighborhood approach, we are addressing smaller city infrastructure such as signs, utility boxes and fire hydrants. Making sure they are well kept, painted and in good condition. Because they are small and out of the way, it is easy for them to be overlooked; however, with our dedicated focus, the little things are making a difference.

Our Façade Program saw some significant changes to houses and downtown businesses. While still underway, initial efforts are encouraging. Simply painting the traffic signal poles and an Oregon Tech inspired fire hydrant adds to the improved aesthetic in our community.

In 2019, we have continued to see success in the number of blighted properties cleaned up or removed. While we have work to do, we have made great progress.

WHOLE IDEA  
**EXCITING CHANGES**



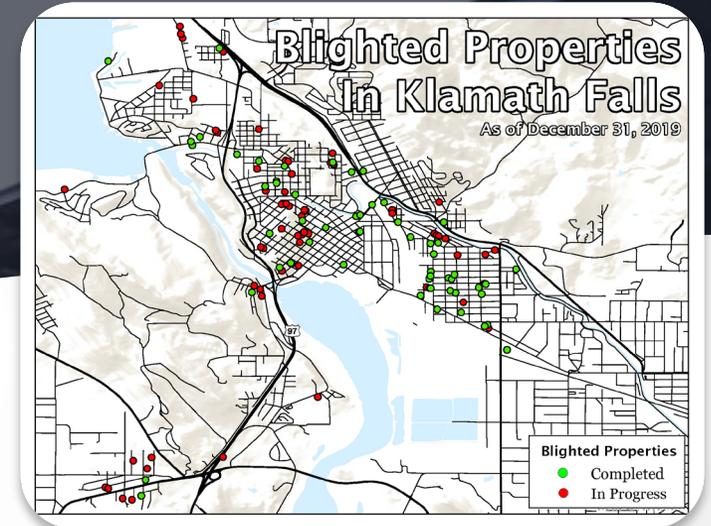
## **FIRE HYDRANTS**

Oregon Tech inspired fire hydrants add to the improved aesthetic in our community.



## **CONTINUED IMPROVEMENTS**

City staff have been busy doing our best to sustain those private parties making investments and applying City resources to specific areas for improvement. A new Home Improvement Grant and Downtown Façade Grants helped incentivize and leverage private investment in our neighborhoods and downtown.



## **BLIGHTED PROPERTIES**

Map of blighted properties in Klamath Falls as of December 31, 2019.

# WEBSITE REDESIGN

## IMPROVEMENTS IN TECHNOLOGY

After several months of hard work and dedication, the City of Klamath Falls officially launched its new website July 9, 2019. We wanted to make it faster, easier to navigate and more user-friendly. It's important for us to make information regarding our leadership, services and projects easily accessible for our users. Our goal with the new website is provide our visitors an easier way to learn about our City and to browse information based on their own choice.



[www.klamathfalls.city](http://www.klamathfalls.city)



GRANTS

# COMMUNITY IMPROVEMENTS

## HOUSING EXTERIOR IMPROVEMENT GRANT

This program incentivized the improvement of housing facades thereby improving property values and community aesthetics. The grant required property owner participation through a financial contribution and was designed to benefit areas designated by Council through the elimination of blight.

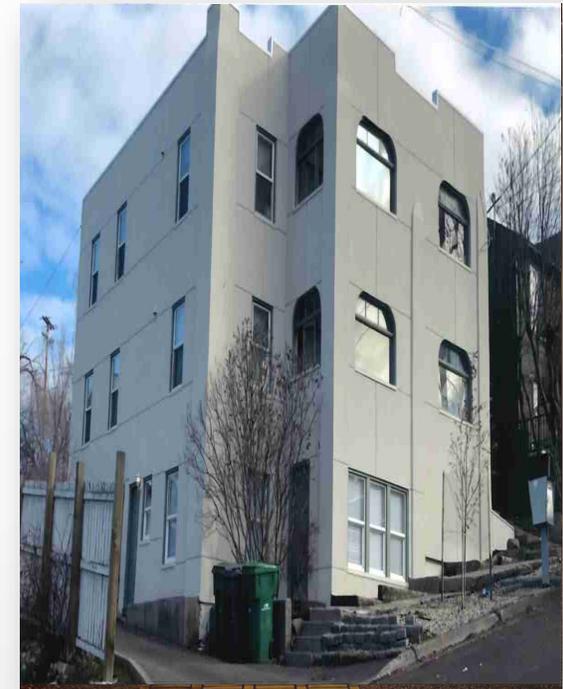


BEFORE



## BY THE NUMBERS

Nineteen individuals applied for a Housing Exterior Improvement Grant; of those applications, five were denied and 14 were awarded. Out of those awarded, one applicant did not complete their project and the other 13 applicants received a total of \$9,495.78 of the \$10,000 allocated to this program. Such a tremendous success with more grant opportunities in the future!



AFTER

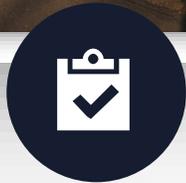
AIRPORT

# CRATER LAKE-KLAMATH REGIONAL AIRPORT



## OPEN FOR BUSINESS

The Airport is a Department of the City of Klamath Falls with annual operating costs of \$1.7M, not including capital infrastructure items. The Airport is funded by rates and charges, transient room tax, a surcharge on non-city water customers, and property taxes. The Airport's largest tenant is the 173<sup>rd</sup> Fighter Wing of the Oregon Air National Guard who assists with airfield mowing, snow removal and emergency response services.



## MAINTENANCE

Airport staff is responsible for maintaining 109+ lane miles of pavement, 345,000sf of paint markings, 725+ lights, 90+ lighted signs, 45,000ft of fence, and a 24,000sf terminal building and associated parking.



## AIRPORT TRAFFIC

In 2019 it is estimated that 60% of airport traffic came from general aviation (business and private aircraft) and 40% from the military.



## CONTACT US

6775 Arnold Avenue  
Klamath Falls, OR 97603  
(541) 883-5372  
[www.flykfalls.com](http://www.flykfalls.com)

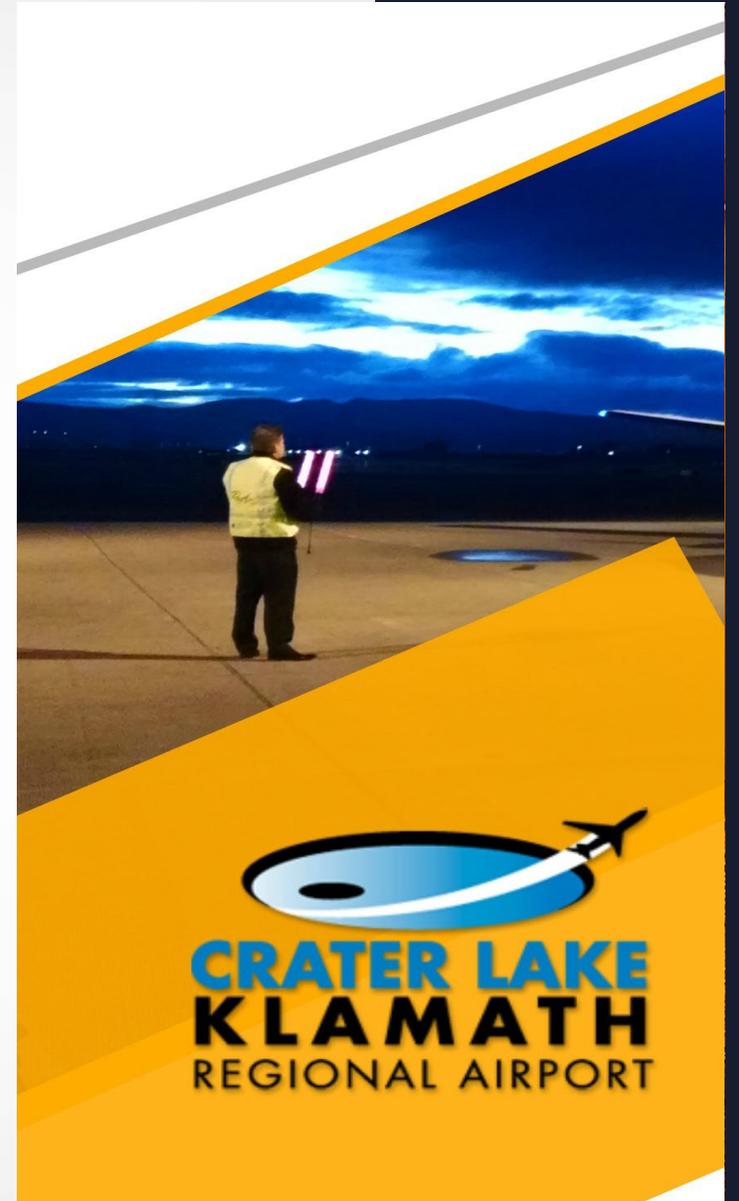
## AIRPORT IN REVIEW

### AIR NATIONAL GUARD NEW BASE COMMANDER

In 2019, the Base Commander change occurred with outgoing Col. Jeff Smith and incoming Base Commander Col. Jeff Edwards. Both are to be commended for their hard work and dedication to the mission. Sentry Eagle 2020 planning is underway with the excitement building for this great event on July 18!



Photo courtesy City of Klamath Falls



**CRATER LAKE**  
**KLAMATH**  
REGIONAL AIRPORT

# AIRPORT IN REVIEW

## AIRPORT MASTER PLAN UPDATE

Work is well underway on updating the Airport's Master Plan, a required FAA document that guides growth and development on the airport. The Airport's current Master Plan was completed in 2005 and the FAA likes to see the plans updated every 5 to 10 years. A Master Plan Advisory Council consisting of community stakeholders will spend approximately 18 months evaluating current airport facilities, future activity forecasts and the necessary capital improvements needed to support that future activity. The Master Plan Update process is expected to be completed in June 2020.

## TAXIWAY G PAVEMENT REHABILITATION

The approximately \$8M pavement rehabilitation of Taxiway G began in July 2019. The approximately 8,000ft long taxiway runs parallel to the main runway between the south end of the airfield and Taxiway E on the airport's westside. It is the main taxiway used by the Guard and all users needing access to Runway 32 and was in poor condition. The northern portion of the Taxiway was completed in 2019 with the southern portion expected to be completed in Spring 2020.



MPAC Meeting – Members of the Airport's Master Plan Advisory Committee on a familiarization tour of the Airport.

AIRPORT

# IN REVIEW

## AIRLINK OPEN HOUSE

Airport tenant AirLink, part of the AirMedCare Network, held a member appreciation event on October 5. The event included the opportunity to see an aircraft used to transport patients as well as ask questions of the pilot.

## TAXIWAY G

Rocky Mountain Construction crews grind off the top layer of asphalt on Taxiway G in preparation for laying down a new asphalt surface. Over 23,000 tons of new asphalt will be used in the rehabilitation of Taxiway G, which is one of the primary taxiways on the airport.



## AIRPORT

# OPERATIONS STAFF ACHIEVEMENT

The Airport Department places a high focus on continuing education for its Operations staff. Each year every employee is required to receive training in ten FAA required subject areas such as airfield driving and airfield inspections. The Airport provides training in ten additional subject areas each year as well. In 2019, each of the Airport's 3 Operations Specialists pursued even further continuing education programs through the American Association of Airport Executives. Ryan Cooley and Derek Ables completed their Airport Certified Employee – Operations courses in November. This is a comprehensive professional certification program designed to educate and challenge airport personnel with airfield operations responsibilities. Thomas Galloway completed his Certified Member program in December. This program is designed to build a candidate's comprehensive knowledge of airport management principles applicable to all airports. With these accomplishments, 100% of Airport staff now hold varying degrees of credentials through the American Association of Airport Executives.

## AIR SERVICE

Airport Staff and a team of community members are actively seeking new passenger air service options. In that light, community leaders still have approximately \$500,000 in revenue guarantees from the City and County to support air service. The potential for air service continues for 2020 although overall the issue of air service for small communities remains challenging given current industry trends. The Airport is thankful for the support from our community partners that have been instrumental in this initiative to return air service to the community.



Airport Director John Barsalou has been with the Airport since 2015 and this year became a member of Oregon's Aviation Board.

## DOLLARS & CENTS FINANCE

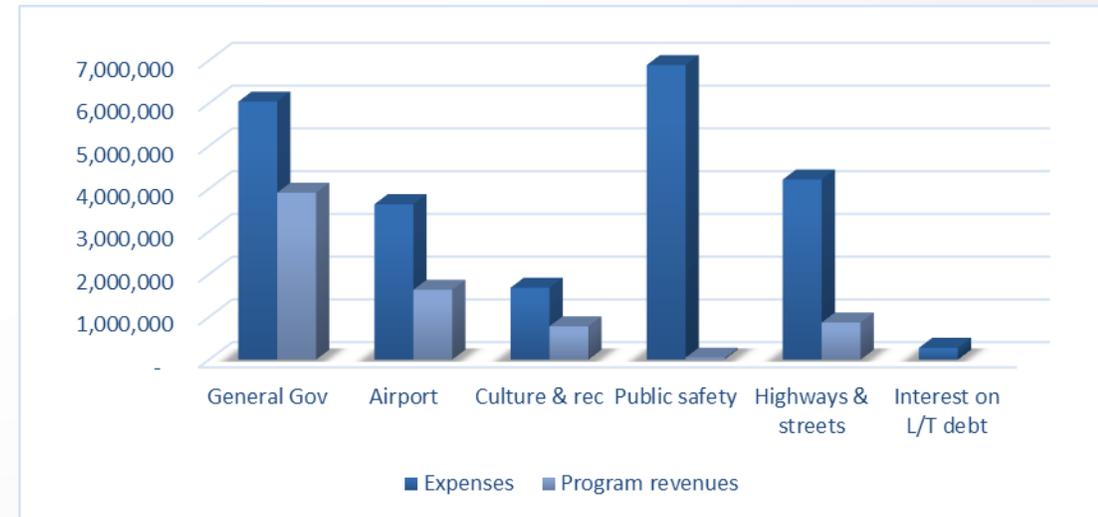
The Finance Division accounts for all revenues and expenditures of the City and provides information to the City Manager, City Council and the Budget Committee to help them make informed decisions regarding the financial operation of the City and Urban Renewal Agency. The responsibilities of Finance include, but are not limited to, accounts payable, accounts receivable, payroll, capital asset reporting, project monitoring, debt management, investment management, budget, and financial reporting. Division Staff include a part-time Finance Assistant, 2 Accounting Techs, Payroll Accountant, Accountant, Senior Accountant, and Finance Manager. Finance Staff continues to utilize technology to streamline processes for Finance and other City Divisions.



The Finance Division has received the Certificate of Achievement for Excellence in Financial Reporting for over 25 years for our Comprehensive Annual Financial Report (CAFR). The 2019 review has not been completed, but we expect to receive the award once again. [2019 CAFR](#)

## Fiscal Year 2019 Actual EXPENSE & PROGRAM REVENUES GOVERNMENTAL ACTIVITIES

The City implemented a biennial budget which will reduce staff time for all departments and allow them to focus on other projects.

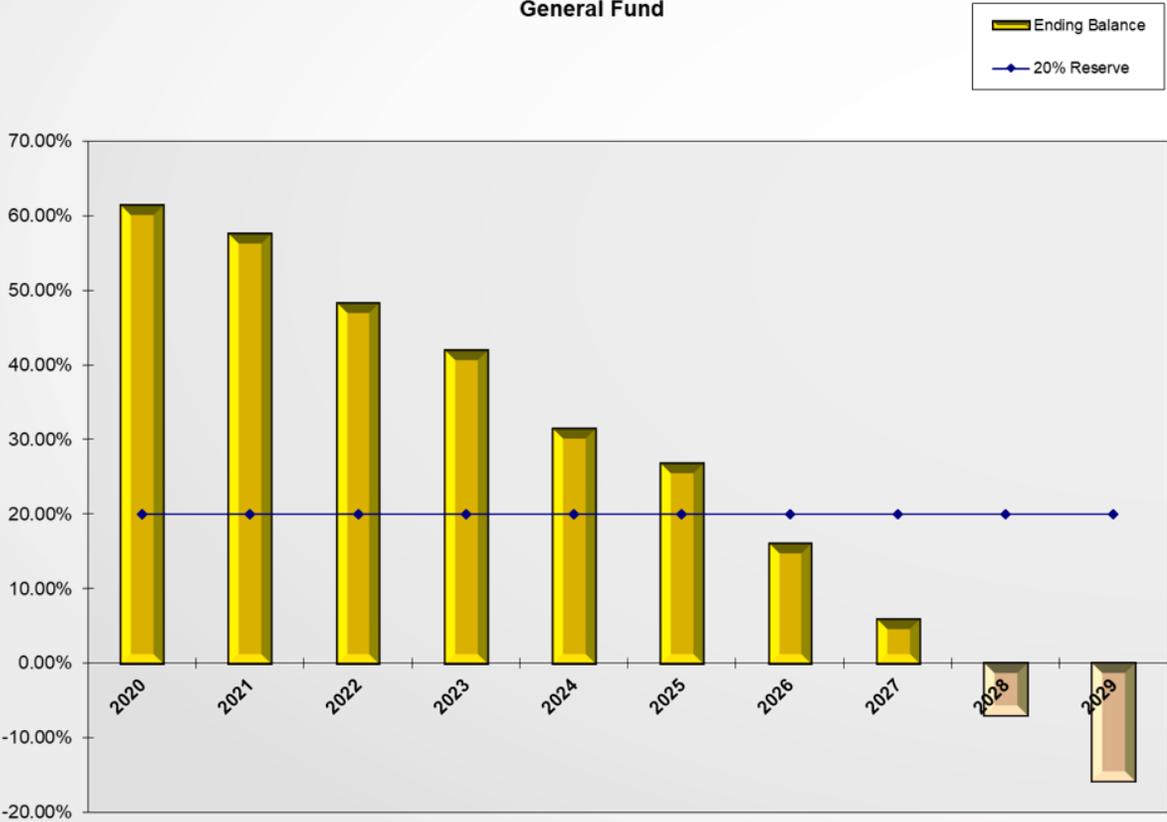


Program Revenue includes charges for services, grants and contributions.

DOLLARS & CENTS

# FINANCE

Projected Ending Balances  
General Fund



## PROJECTED ENDING BALANCES GENERAL FUND

The chart shows the City's projected net working capital for the General Fund if the budget is fully implemented. Expenditures such as PERS and healthcare continue to outpace revenue growth. [ADOPTED BUDGET 2019-2021](#)

# HUMAN RESOURCES

The Human Resources Division is committed to providing the highest quality of personal service to City staff and our community. The mission of the Division is to support the goals and challenges of the City by providing services which promote a positive work environment that is characterized by fair treatment of staff, open communication, personal accountability, trust and mutual respect.

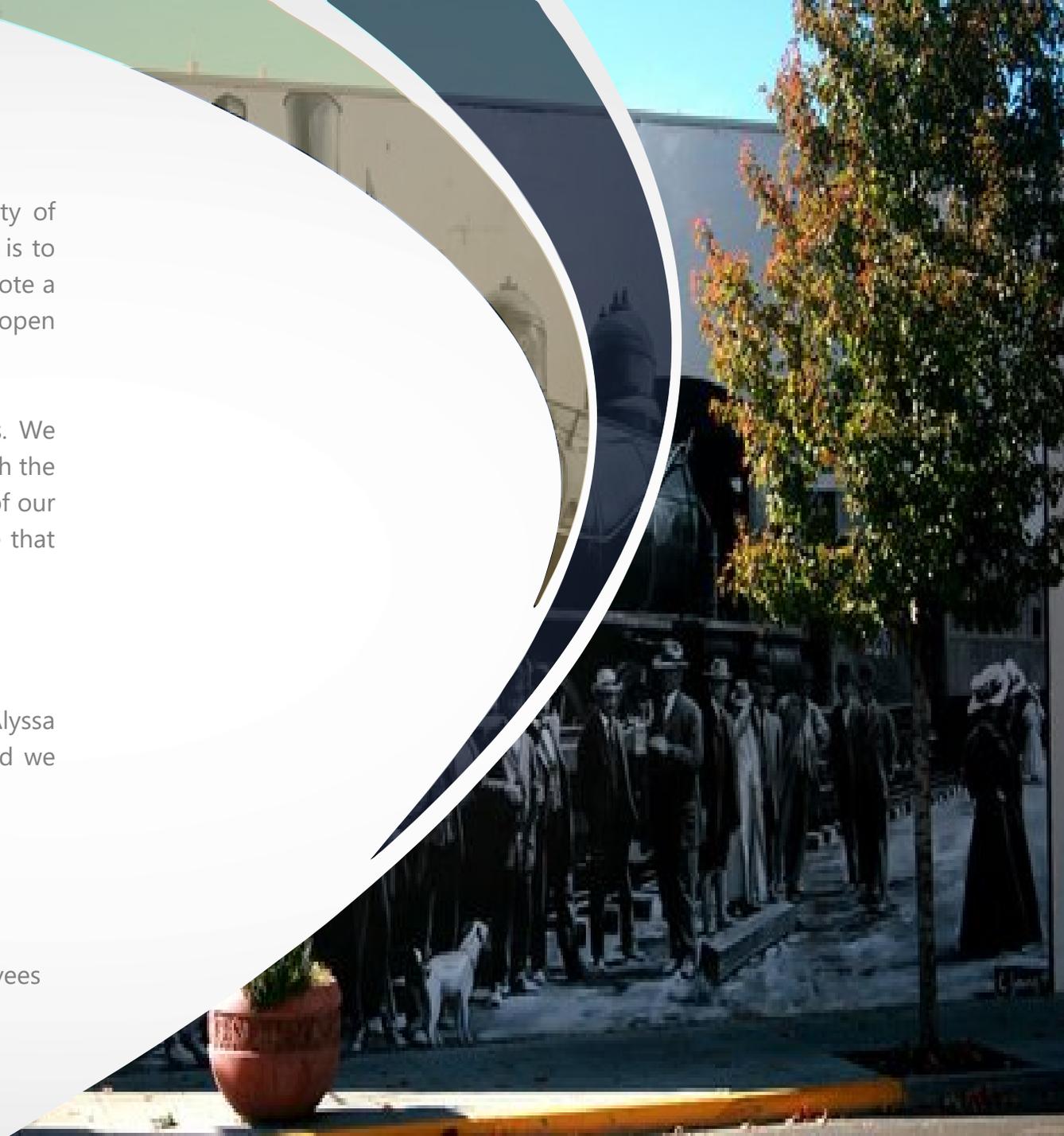
In total, the Division hired 52 new employees and facilitated 15 promotions. We reviewed 1,132 applications to find the right people to fill 38 positions. Although the labor market is getting tighter, we have had a decent applicant pool for most of our jobs. In 2019, and previous years, the most challenging jobs to fill were those that required an electrical license or certification in Water and Wastewater.

There were 4 employee retirements in 2019 which is comparable to 2018.

Human Resources was pleased to announce a new position for its Division. Alyssa Gentry, Human Resources Technician, has been a valuable addition to HR and we look forward to continued success.

Other Key Projects for the HR Division this year:

- Completion of a new 4-year contract with AFSCME Local 2451
- Implementation of CivicHR application tracking system (ATS)
- Compensation & Class completion for AFSCME and Non-represented employees



## DEVELOPMENT SERVICES

# CIP PROJECTS

## 01 Pelican City Booster Station

Supply potable water to the Campus area business park, OIT campus and Hospital area to reinforce supply for current demands and meet future development needs.

## 02 Washburn Way Sidewalk Project Phase II

Installed new sidewalk and ADA ramps from Orchard Avenue to Pershing Way along the east side of Washburn Way. Previously no sidewalk existed along this route.

## 03 7<sup>th</sup> to 4<sup>th</sup> Street Geothermal Replacement Project

Replaced failing geothermal supply and return lines with new 8" insulated Ductile iron piping. New piping will increase efficiencies, increase reliability and reduce repairs to the system.



DEVELOPMENT SERVICES

# CIP PROJECTS

## 04 Ella Redkey Pool Sidewalk Replacement

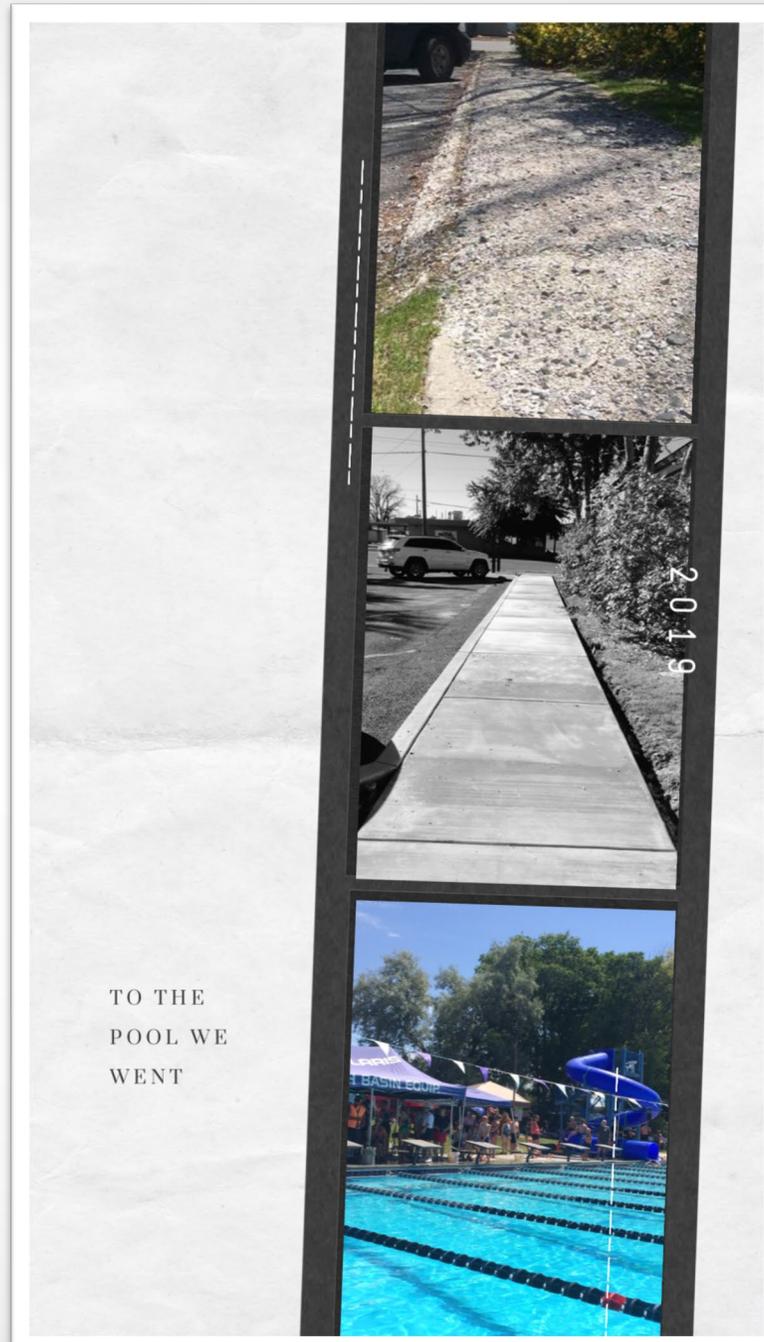
Replaced sidewalk from Main Street to Ella Redkey Pool for pedestrian access.

## 05 Sewer Replacement

Replacement of failing sewer lines in Auburn Alley, Fulton Alley and Holabird Avenue with new 8" sewer main, services, cleanouts, and manholes.

## 06 Stewart Lenox Water Main Replacement

Upgraded undersized and failing 2" water main in Stewart Lenox south of Highway 66. The project provided new water services to approximately 80 homes and provided fire protection to the area where previously there was not sufficient coverage.



DEVELOPMENT SERVICES

# CIP PROJECTS

## 07 Altamont Water Main Replacement Phase VI

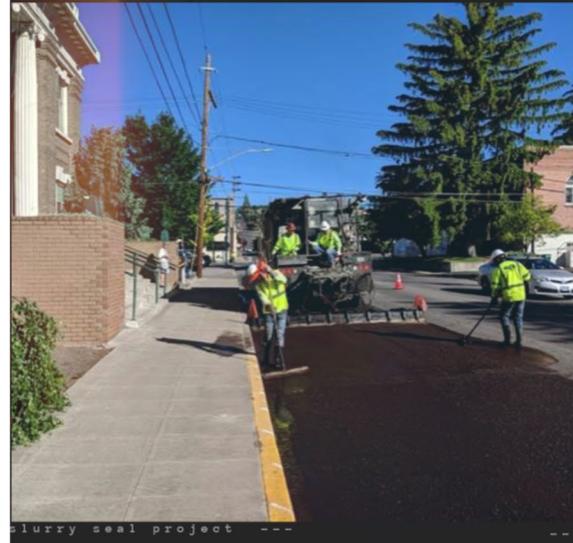
Replaced failing 4" and 6" water main in Altamont Drive between Barry Avenue and Anderson Avenue with new 12" water main.

## 08 2019 Slurry Seal

Placed type III slurry seal as a surface treatment for portions of South 6<sup>th</sup> Street, South 5<sup>th</sup> Street, Klamath Avenue, Main Street and the core Downtown streets.



Altamont water main replacement ---



Slurry seal project ---



DEVELOPMENT SERVICES

# GIS MAPS

SNOW PLOW

STREET SWEEPER TRACKING

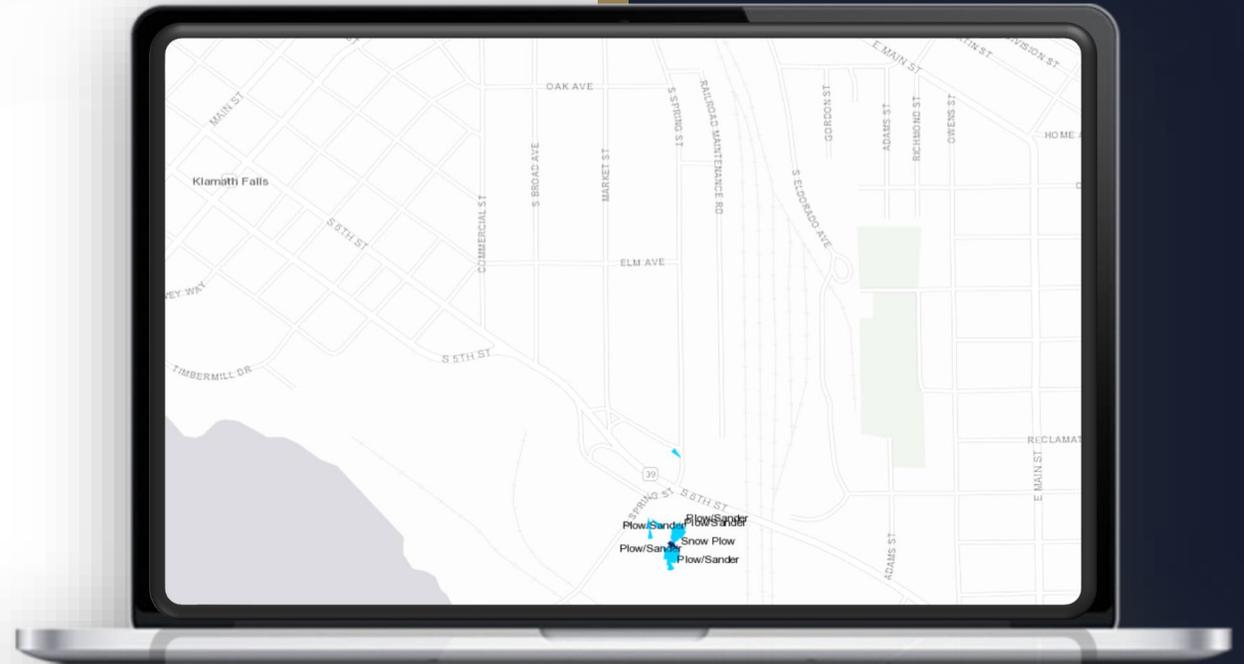
In 2019 we were able to get our Snow Plow/Street Sweeper Tracking maps up and running. There is a GIS webmap on the City [website](#) that allows citizens to see the areas that have been plowed/swept (depending on the season) recently and the direction that the plows/sweepers are moving.

## UTILITIES

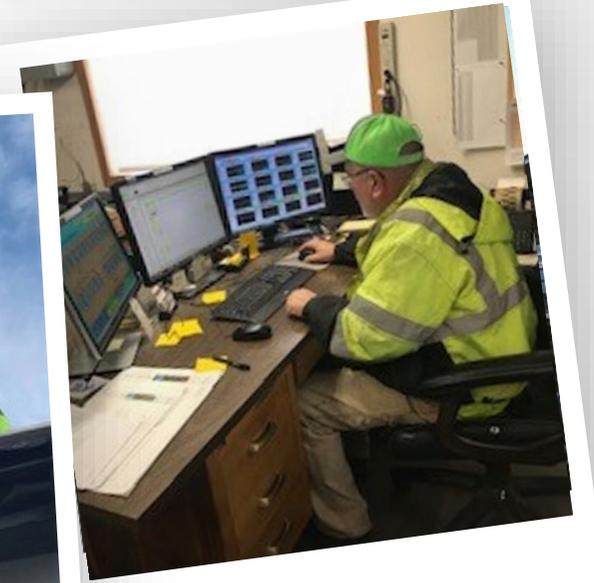
We continue to make adjustments/corrections to the mapped utilities as new information becomes available.

## LEARN MORE

Our Featured Maps and Apps include a City Web Map, City Council Wards Map, Zoning Map, Traffic Counts, Moore Mountain Trails, Property Tax Rates and Marijuana Facility Allowable Areas



PUBLIC WORKS  
**MAINTENANCE DIVISION**



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## MAINTENANCE & ROW

The City of Klamath Falls Maintenance Division provides custodial and maintenance services throughout the City. In addition to their electrical, plumbing, HVAC and carpentry expertise, they perform a wide variety of repairs and preventative maintenance for all City Divisions and Departments. Several City-wide projects are completed, assisted or arranged by the Maintenance Division on a yearly basis.

PUBLIC WORKS

# MAINTENANCE DIVISION

## 01 SUMMARY

This year, the Maintenance and Street Lighting Division completed just under 1600 work orders. Many work orders that were completed are scheduled for preventative maintenance and for seasonal reasons. Other work orders that were completed fall under the unscheduled category and most of those are for equipment breakdowns or unforeseen circumstances that have prompted requests from City personnel as well as from citizen requests.

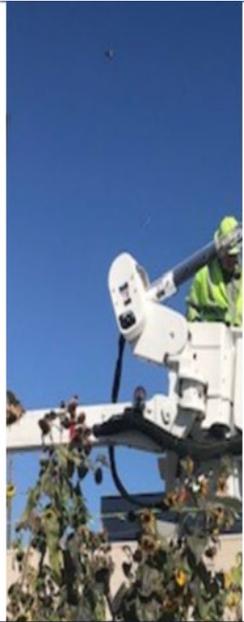
## 02 NEW FACES

The Maintenance and ROW Division added a new team member over the last year. We are excited about the addition of our new employee and what he has to offer with his years of electrical experience.

## 03 SIDEWALKS

To date, City maintenance crews have replaced 3,415 square feet of sidewalk. An assessment was made, and all sidewalks were inventoried and categorized on a worst to best condition basis. City crews have been focusing their efforts on the worst cases and are steadily making progress, although it will take some time before we will be able to get to the medium and low priority cases. Below are some photos of some of the work that has been completed.

## MAINTENANCE & STREET LIGHTING



## PUBLIC WORKS

# MAINTENANCE DIVISION



## STREET LIGHTING, TREES & SIDEWALKS STREET LIGHTING

The Street Lighting Program, which is part of the Maintenance Division, is currently maintaining approximately 2,979 streetlights throughout the City. The original master plan for the Street Lighting program consisted of 2,300 lights. The City has exceeded that number as some areas required more lights than the master plan had addressed, as well as newly annexed areas into the City limits.



The City LED conversion is now complete. The retrofit began in 2012 and addressed 315, 200-Watt High Pressure Sodium fixtures. In 2013-2014, the Street Lighting Division continued in its efforts and replaced 750, 100-Watt fixtures and followed up in 2014-2015 with the replacement of an additional 800 fixtures. In 2015-2016 the Street Lighting Division saw completion of the cobra head LED retrofit this by installing the remaining 380 fixtures to our lighting system. Now that the retrofit project is complete, the City has seen a vast reduction in energy consumption and maintenance hours spent in keeping the system functional. Before the retrofit, the City expended approximately \$244,000 per year for energy and maintenance costs. The City now expends approximately \$78,840 per year for energy and maintenance charges, which puts our average savings at \$165,160 annually.

PUBLIC WORKS

# MAINTENANCE DIVISION

## 04 TREES

This year was quite busy with regards to tree work performed. To date, the City removed 12 trees within the ROW that were considered hazardous and which posed a risk to the public and personal property safety. We were also tasked with pruning and raising the canopy in the Mills Addition area as well as the Presidents area in where crews did a fantastic job in creating safer travel corridors for vehicles, bicyclists and pedestrians.



# MAINTENANCE DIVISION



## SUPERVISORY CONTROL AND DATA ACQUISITION

### 05 SCADA

The Maintenance Division is responsible for programming the City SCADA system. SCADA is an acronym for Supervisory Control and Data Acquisition. This program helps the City Wastewater, Water and Maintenance Divisions remotely run and monitor critical water boosters, wells and tanks, as well as the Wastewater Collections Systems lift stations and the Wastewater Treatment Plant. This system is also equipped with an automated alarming system that alerts personnel to emergency situations, such as low water tank levels, high lift station wet well situations and power outages. It will also let personnel know whether critical pumps and motors and generators are running or not.

Gene Gamble steps through some ladder logic to troubleshoot a problem with the Digester System at the Wastewater Treatment Plant. These programs are a very valuable tool when problems arise and helps the technicians pinpoint where the problem is in electrical circuitry and equipment.



PUBLIC WORKS  
**MAINTENANCE DIVISION**



**BELOW**

Kirk Sipes and John Anderson perform maintenance on the geothermal well at the Ella Redkey pool during pool shutdown week.



**BELOW**

Section of replaced sidewalk.

**ABOVE**

Kirk Sipes and John Anderson remove debris from a recent tree removal that conflicted with and buckled the existing sidewalks. Once debris removal was completed, a new stretch of sidewalk was poured to correct any trip hazards that were present before remediation.



**ABOVE**

Maintenance crews remove a broken sidewalk panel that was slated for replacement.



**CONTACT US**

PHONE: (541) 883-5397 HOURS: 6 a.m. to 4:30 p.m., Monday – Friday. Closed all major holidays.

Please do not hesitate to call for any Street Lighting or ROW related issues. We try to respond to all requests within one working day.

## PUBLIC WORKS

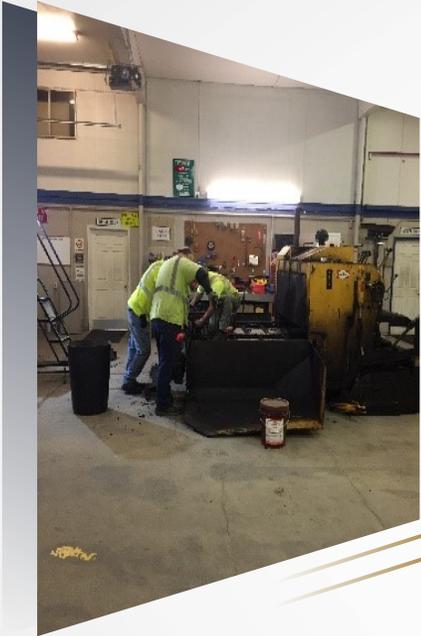
# STREETS & EQUIPMENT

The City of Klamath Falls Streets Division's top priority is to maintain the City's rights-of-way in a safe condition for the public, maintaining 146 centerline miles and 302 travel lane miles. Funding for maintenance of Streets comes from various sources; State Gas Tax, Franchise Fees and Federal Highway programs. To keep the City's infrastructure in a safe and usable condition, the following maintenance operations are scheduled during the summer months: in-house overlays, crack sealing, pothole repair, utility cut repair, concrete repair, street striping, project inspection, and street sweeping, which is generally accomplished during the year as weather permits. Some of the new methods being used are Mastic Sealing, which is a form of crack sealing and micro surfacing, which is a surface treatment and chip sealing.

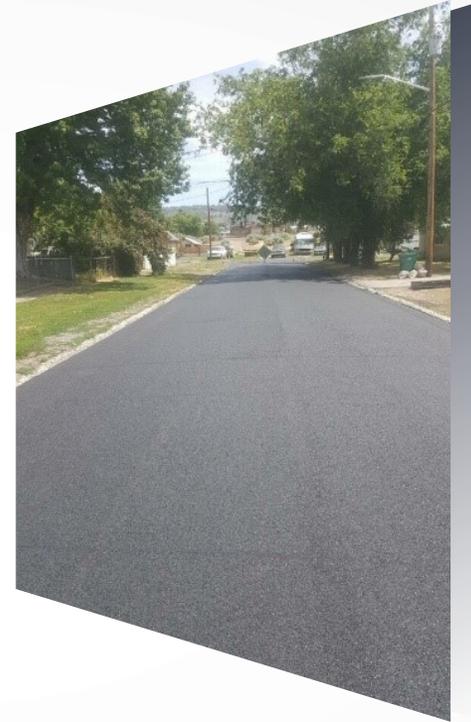
In the winter months, snow and ice removal is the number one priority for the Streets Division. Typically snow removal and snow hauling takes a large portion of available man-hours. When weather permits, street crews continue to make repairs on streets, utilizing cold and recycled asphalt mix for repairs, dealing with drainage, cleaning and repairing of open trench ditches, and working on the day-to-day repairs that are necessary to provide roadway safety.



PUBLIC WORKS  
**STREETS & EQUIPMENT**



Streets Crews prepping the paver for the season.

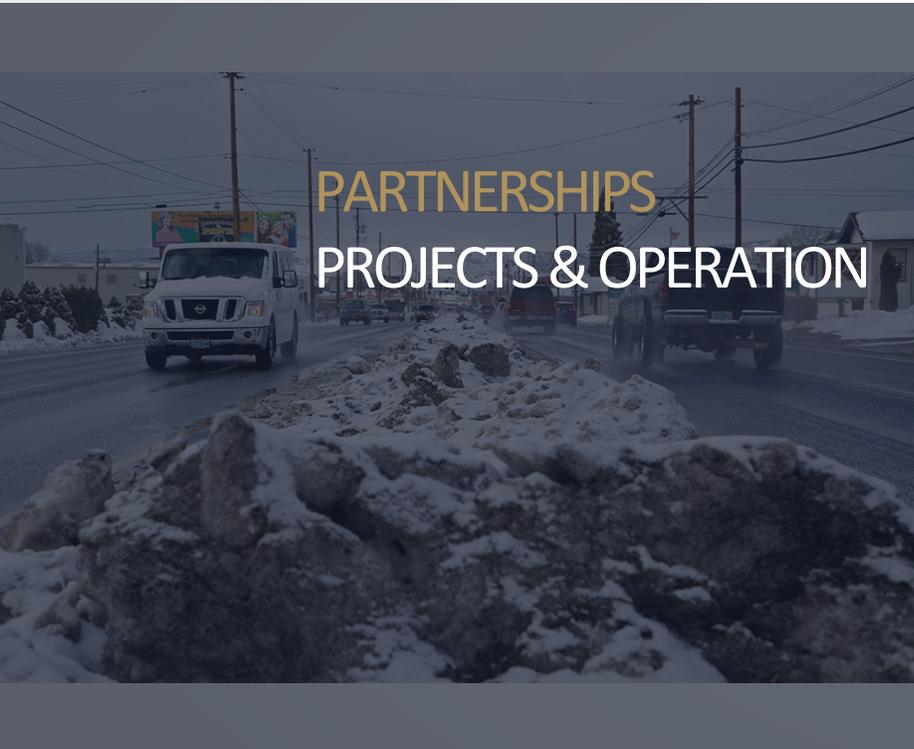


Grant Street – Before and After. Streets recovered the street as part of the Focus Area Improvement Program.



Streets crews working to clear roads near down tree limbs.

# STREETS & EQUIPMENT



1

## CITY

- Water Division, Utility repair
- Maintenance Division, Utility repair, Traffic light Maintenance
- Parks Division, Right of way cleaning
- Water Recovery Division, Utility repair
- Development Services, Capital Project Management (Micro Surface Project)
- Support Services, Account Receivable / Payable

2

## COUNTY

- Klamath County Public Works
- Klamath County Road Department, Chip Seal Services and Main Line Striping



3

## STATE

- Oregon Department of Transportation Region 4, District 11, Inter Gov. cooperation
- Dept. of Consumer & Business Services, Oregon Preferred Workers.

PUBLIC WORKS  
**STREETS & EQUIPMENT**



▼  
[ FLEET SERVICES ]

The Fleet Services Shop maintains and repairs all of the City's vehicles and heavy equipment. The average age of the Fleet is 12.8 years and is maintained and repaired by two ASE certified Mechanics. The shop maintains up-to-date and accurate records on 308 vehicles and equipment to ensure that service and repairs are done in a timely manner. Regular service and prompt repairs extend the useful life of the assets and reduces operational costs.

Fleet Maintenance serviced 737 vehicles and equipment and made over 508 repairs.

Fleet Services dispensed 891 gals (17.82 Barrels) of motor oil, gear oil, ATF and Hydraulic fluid, 95.6 gals of coolant and 40.25 lbs of grease. 918 gals of waste oil were collected from various Divisions and Departments and were donated to the Oregon HEAT program.

## PUBLIC WORKS

# STREETS & EQUIPMENT



## STREETS DIVISION STATISTICS

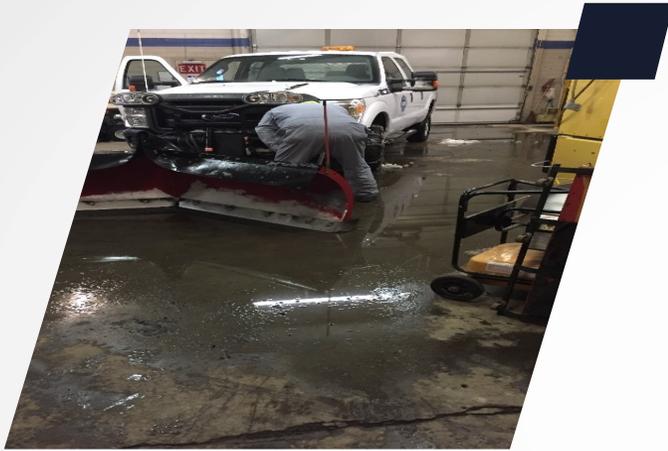
The Street Division, weather Permitting and available manpower, operates two Mechanical Broom Bear Sweepers cleaning 6,832 gutter miles and removing approximately 2,255 yds of debris consisting of winter sand, cinders, leafy debris and normal road debris. Last winter we experienced a below average snowfall and above average cold temperatures. The street division crews plowed 6,892 lane miles, placed 762 yds of cinder material for deicing and removed or hauled 2,588 yds of snow.



Street crew as well as other Public Works Divisions participating in the Third Thursday Event. The Streets Division booth staged two pieces of equipment and had a drawing for "Name the Storm". The winner was 7-year old Conger Elementary School, 1<sup>st</sup> grader, Hansel Eastman received his prize for the "Name the Storm" Hansel submitted his entry "Boom Shaka Laka" at the last Third Thursday event of the season.

PUBLIC WORKS

# STREETS & EQUIPMENT



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Fleet Mechanic repairing one of 308 pieces of City equipment.



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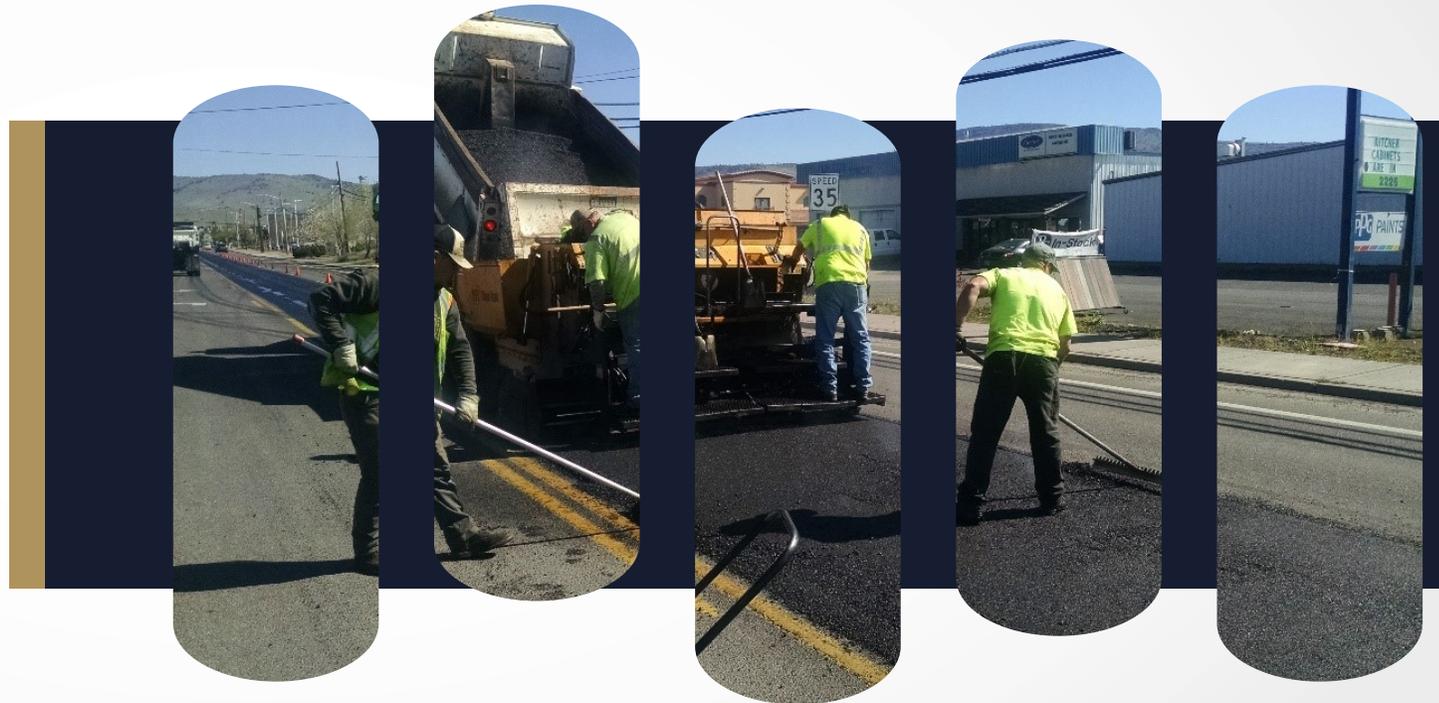
Streets Crews filling sandbags for Lakeshore irrigation dike breach. Over 200 sandbags were filled and placed by the Klamath County Search and Rescue Team.



## PUBLIC WORKS

# STREETS & EQUIPMENT

The Sign Shop repaired or replaced over 142 signs, posts and inserts. 84 replacement or repairs were associated with vehicle incidents and or vandalism which has increased since the last report. Street Striping consists of crosswalks, school zones, parking "T's" yellow curbs and main line striping. Our totals were 1,321 gals white, 616 gals of yellow including 8,250 lbs. of glass beads and 188 sf of Thermal Plastic lines and arrows. Our numbers for paint are higher; however, we were not able to complete all the striping that is normally completed due other Capital Street Projects. Asphalt placement, 2,098.02 tons, covering approximately 15 blocks of local City streets, 921.69 tons of rock placed and applied 11,250 pounds of crack sealer to various roadways throughout the city covering 10,362.5 lineal ft. Klamath County Public Works has assisted the Streets Division in Chip Seal placement in various City roadways as well, which included residential areas in Wards 4 and 5. This summer the City performed Micro Surfacing, and with the assistance of contractors, resurfaced 8 miles in the Downtown core including Sixth Street and Fifth Street to East Main Street.



## PUBLIC WORKS

# WASTEWATER

The Wastewater Division provides services to nearly 28,000 Klamath Falls residents and Klamath Basin area customers. The Division provides sewage collection/treatment and storm water collection services for the residents of Klamath Falls.

## STATISTICS

01

The City of Klamath Falls Treatment Plant treated more than 938 million gallons of water in 2019.

02

891 million gallons of treated water was sent to Co-Generation plant to cool equipment as well as create high pressure steam used in the plant's steam generators.

03

139 million gallons of stormwater passed through the City's main storm lift station on its way to the river.



# WASTEWATER

## SUMMARY

### INDUSTRIAL PRETREATMENT

IPP Staff has continued to work with local businesses to reduce pollutants, recycle waste by-products and remain compliant with Federal, State and Local environmental requirements. The food service establishments will soon fall under a Fats, Oils and Grease oversight program that the City is working to develop with South Suburban Sanitation District to maintain consistency across the region and minimize the negative affect grease has on our sewer system.

The list of users within the City service areas include:

- 2 significant industrial users

- 7 nonsignificant users
- Approximately 200 identified users

- 16 dental offices
- 79 food service establishments

## COLLECTIONS

In 2019, approximately 1,009 ft of deteriorated clay and concrete sewer mains were replaced with new PVC on Auburn, Fulton and Holabird. The existing sewer mains were in poor condition due to cracks, offsets, root intrusions, and cavities

- The Wastewater Collections crews cleaned a total of 855,048 ft of sewer mains.
- The CCTV crew televised and inspected a total of 111,441 ft of sewer mains.

- Number of sanitary sewer overflows – 1
- Crews cleaned a total of 421 stormwater catch basins throughout the City.



COLLECTIONS  
YEARLY STATISTICS

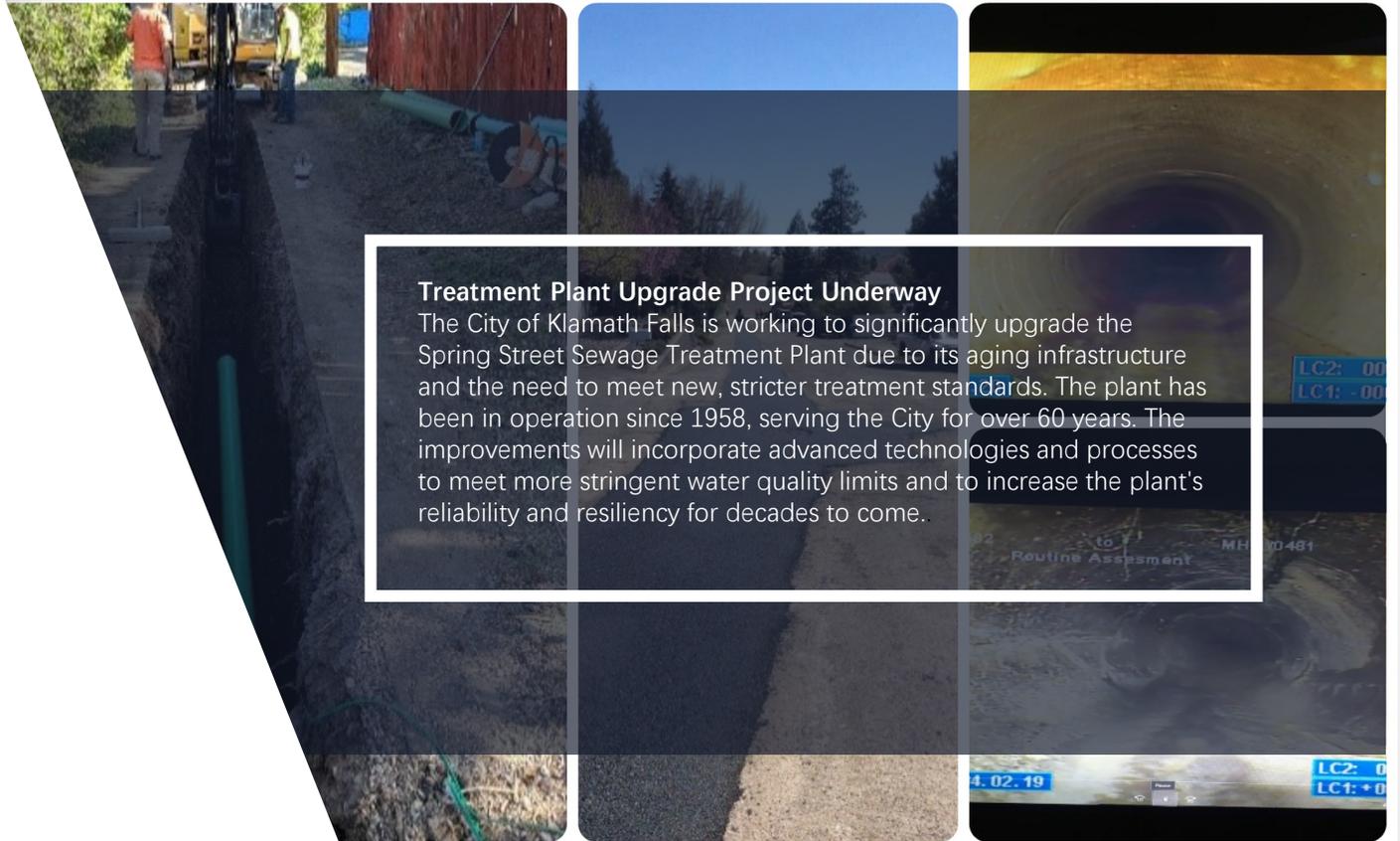
## PUBLIC WORKS

# WASTEWATER

## COLLECTIONS

### CIPP REPAIRS

The Collections staff also did several CIPP (Cured in Place Pipe) repairs. They are able to repair broken sewer mains without having to excavate and expose the pipe. A fiberglass matt is saturated in resin then wrapped around a bladder and inserted into the sewer main. It is then pulled to the area that needs repaired and compressed air is applied pushing the fiberglass matt against the pipe repairing and filling any voids in the pipe. This allows us to make spot repairs to sewer mains without excavating the pipe, saving time and money.



## PUBLIC WORKS

# WASTEWATER

## KEY EQUIPMENT REPLACED/REBUILT

The main storm water pump building lost one of four pumps in 2019. With the new pump installation, the plant is back to full strength to handle more than one hundred million gallons of stormwater a year.



## INFLUENT PUMPS

The influent pumps needed to be replaced due to age. The pumps had become obsolete and could no longer be rebuilt. With two new pumps, the plant will be able to handle flows coming into the plant while we await plant upgrade completion.

## SPIRAL SCREEN

The spiral screen is an integral part of keeping trash out of the plant's equipment. While the spiral screen was out of commission, it caused major clogging problems throughout the rest of the facility. With replacement equipment installed, the water quality will continue to improve.

## SWITCH

The Magnetrol Mercury Switch was replaced due to corrosion. The mercury switch allows the correct air to water ratio to enter the dissolves air flotation unit, which in turn lifts and concentrates the waste-activated sludge before it enters the digesters.

PUBLIC WORKS  
**WATER &  
GEOTHERMAL**

## WATER QUALITY

As always, the Water Division strives to provide safe, reliable and palatable drinking water all the while complying with all regulatory agency rules and requirements. We also strive to reduce customer complaints related to water quality issues.

In 2019 the Oregon Health Authority Public Health Division Drinking Water Services completed the once every 3-year Water System Survey, previously referred to as the Sanitary Survey. The purpose of this survey is to evaluate the entire water system in terms of supplying safe drinking water. Based on this survey, there were no significant deficiencies or rule violations found and the inspection report stated, "Water system facilities were found to be well operated and maintained by knowledgeable and competent staff" and as a result of this survey the City of Klamath Falls Water System has been designated an "Outstanding Performer" public water system. This is the first time the City of Klamath Falls Water System has achieved this outstanding performance designation.

The Environmental Protection Agency (EPA) requires public water systems serving more than 10,000 people to collect and analyze water samples both at the source and within the distribution system in compliance with the Unregulated Contaminant Monitoring Rule (UCMR) program. This is an effort by the EPA to determine if there are other contaminants within the nation's drinking water that would pose a health risk to people and therefore should be listed and regularly monitored as a regulated contaminant. In 2019 the City of Klamath Falls Water Division collected water samples as required by phase four otherwise known as list 4 of this nationwide EPA program. Although the analysis of these water samples has not yet been completed, we are certain our compliance with all state and federal drinking water standards will continue to meet and exceed all water quality standards and guidelines.

Additionally, in 2019 with the collection and analysis of over 1,000 water quality samples and ensuring the testing and maintenance of nearly 3,400 privately owned backflow prevention devices division staff continues to ensure safe drinking water.



2019

## PUBLIC WORKS

# WATER & GEOTHERMAL



## 01 WATER BY THE NUMBERS

The Water Division operates/maintains 13 groundwater production wells, two of which are for emergency use only, 22 water storage reservoirs (tanks) storing nearly 17 million gallons of drinking water, 24 water booster pumping facilities, 265 miles of transmission and distribution water mainlines including over 1,200 fire hydrants, and over 16,000 metered service connection within the City's water system.

## 02 IMPROVEMENTS

During 2019, the Water Division focused on improving the appearance of our above ground infrastructure such as fire hydrants and buildings at water division facilities. Division staff replaced 26 obsolete fire hydrants, most of which were 80 to 90 years old. Staff also cleaned and repainted 51 hydrants throughout the downtown focus areas. Staff, with the assistance of the Maintenance Division, replaced siding and repainted several of these water facility buildings.

## BY THE NUMBERS

- 2.415 billion gallons of water was produced and delivered to our customers
- 6.62 million gallons average day demand
- 14.03 million gallons maximum day demand





## PUBLIC WORKS **WATER & GEOTHERMAL**

### WATER CONSERVATION

The Division strives to promote conservation of our precious water resource. During 2019, Division staff replaced nearly 1,300 water meters that have been in service for 10+ years. Water meters tend to slow down and become inaccurate as they age. Maintaining meter accuracy helps us reduce unaccounted for, or non-revenue water losses, allows the City to maintain more consistent water rates and encourages the water user to conserve water. Minimizing unaccounted for water losses also help reduce the cost of producing and pumping water.

In addition, the Division strives to reduce unaccounted for water losses through our leak detection/repair program. Personnel were able to locate and repair 58 water mainline leaks. Utilizing very specialized equipment, staff can detect and pinpoint non-surfacing leaks as well.

# WATER & GEOTHERMAL CAPITAL IMPROVEMENTS



With the help of the City's Development Services Division, the Water Division completed phase 3, the final phase of the Pelican Booster Project, which is the construction of a multi-pump pumping station and the installation of 1,200 feet of transmission water main. Completion of this multi-year project provides for additional and redundant water supply to the hospital, college industrial park and surrounding areas as well as providing water supply for future development of the area.

Water mainline replacement projects are a cooperative effort between the Development Services and Water Division and are intended to provide adequate water supply for current and future demands such as fire flow requirements, increase reliability and reduce maintenance and repair costs and non-revenue water losses.

Over 6,000 feet of 12-inch and 8-inch water line was installed adjacent to Hwy 66 in the Stewart Lenox area. This project included the installation of 11 fire hydrant assemblies whereas previously there were no hydrants located within the project area.

Approximately 1,100 feet of 12-inch water mainline was installed as the sixth and final phase of Altamont Dr. mainline upgrade project.

Development Services and the Water Division with pending approval of City Council is prepared to enter into a contract agreement for the replacement of approximately 3,100 feet undersized water mainline on Dayton Street, Derby Street and Frieda Avenue. This project will also include the installation of seven fire hydrants whereas previously there were no hydrants. This project is scheduled for completion in the summer of 2020.

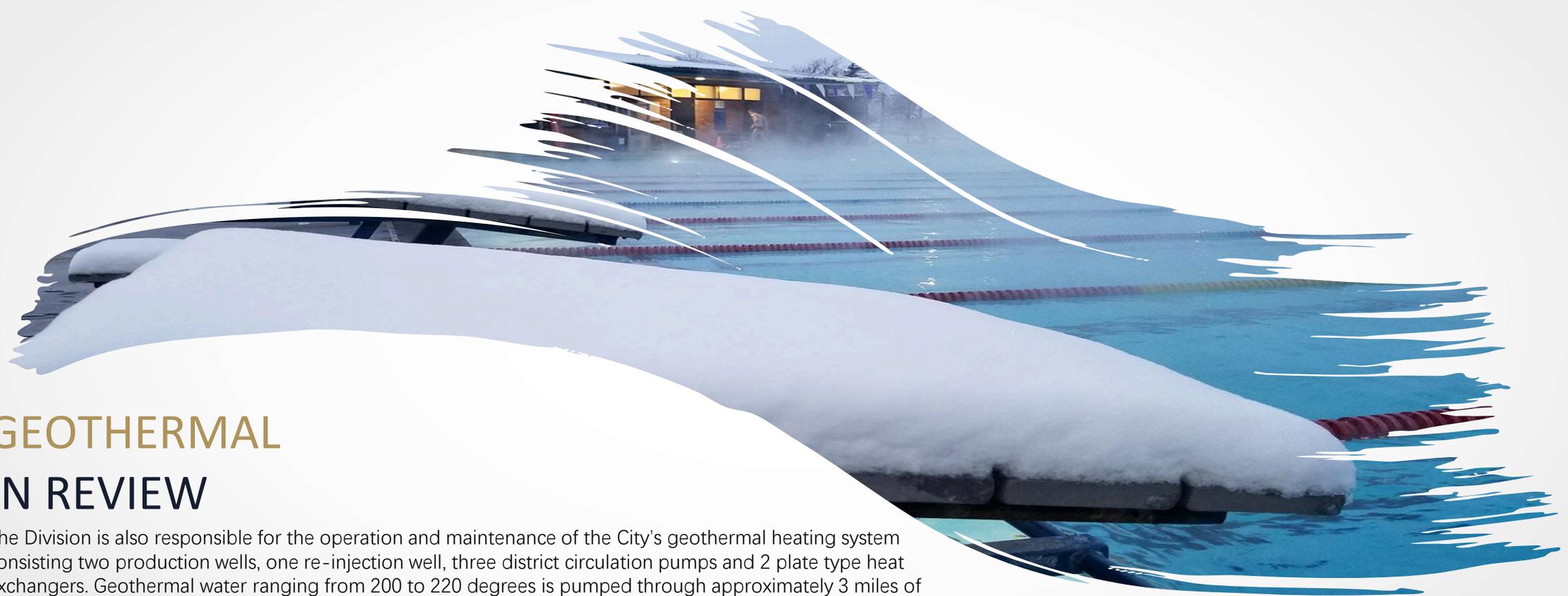
PUBLIC WORKS

# WATER & GEOTHERMAL

## GEOTHERMAL IN REVIEW

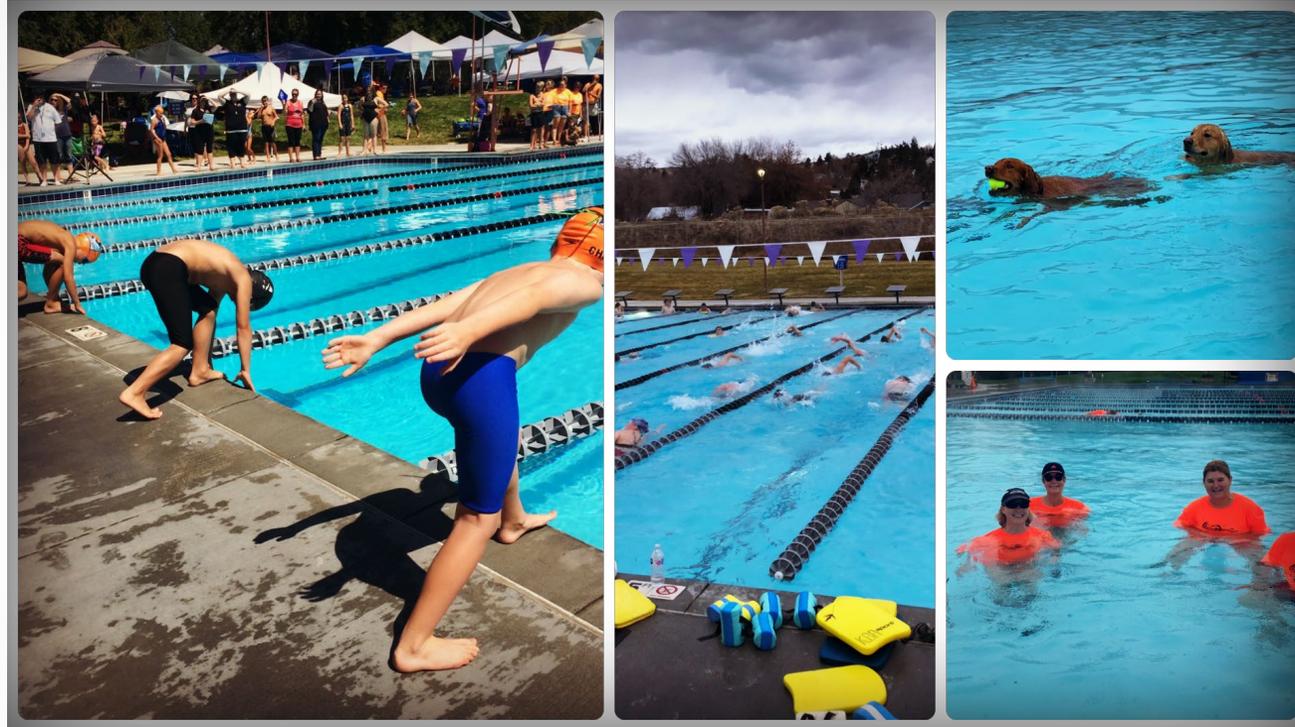
The Division is also responsible for the operation and maintenance of the City's geothermal heating system consisting two production wells, one re-injection well, three district circulation pumps and 2 plate type heat exchangers. Geothermal water ranging from 200 to 220 degrees is pumped through approximately 3 miles of pipeline providing heating service to commercial, government, and non-profit facilities including sidewalk and bridge snow melt systems located in the downtown area.

In 2019 with the assistance of the Development Services Division and through a contracted construction contractor, the division replaced approximately 1,200 feet of failing geothermal water mainline. Since the geothermal distribution mainline consists of a supply pipeline and a return pipeline, we replaced 2,400 feet of geothermal mainline. This geothermal pipeline project is a planned phased project scheduled over several construction seasons. Upon completion, approximately 5,300 feet of failing supply and return mainline will have been replaced. Also tentatively planned will be the installation of over 2,700 feet of new geothermal supply and return mainline which is intended to "loop" the distribution system in order to increase system reliability.



PARKS

# ELLA REDKEY POOL



## YEAR-ROUND FUN

The Ella Redkey Pool was founded, constructed and operated in 1954. Currently it is an outdoor pool that functions year-round thanks to being geothermally heated. The pool offers a variety of aqua aerobics classes as well as youth programs directed for residents living in Klamath Falls. It is currently the only outdoor pool in Oregon that operates all year round, geothermally heated which allows for the water temperature to rarely fall below 83 degrees. The Ella Redkey Pool Staff is committed to ensuring a safe and fun environment for people of all ages.

# ELLA REDKEY POOL

## 01 High School Swim Teams

From November through February, Ella Redkey Pool is home to **four** local high school swim teams. Students practice 5 days a week, Monday – Friday, from 4 p.m. – 7 p.m.

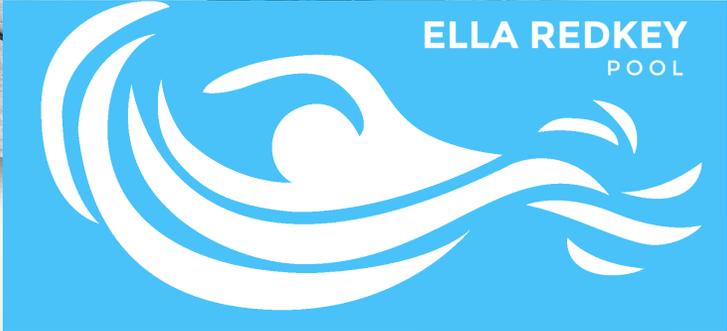
- Henley High School
- Klamath Union
- Lost River High School
- Mazama

## 02 Doggy Swim Day

- On a cold, windy and wet February afternoon, 35 brave dogs and their courageous owners participated in the Doggy Swim at the Pool.
- Dogs and owners alike enjoyed an escape from the chilly afternoon air in the warm, 86° geothermally-heated pool.



IT'S ALWAYS FUN AT THE POOL



ELLA REDKEY  
POOL



PARKS

# ELLA REDKEY POOL

## 03 Standup Paddleboard Yoga (SUP Yoga)

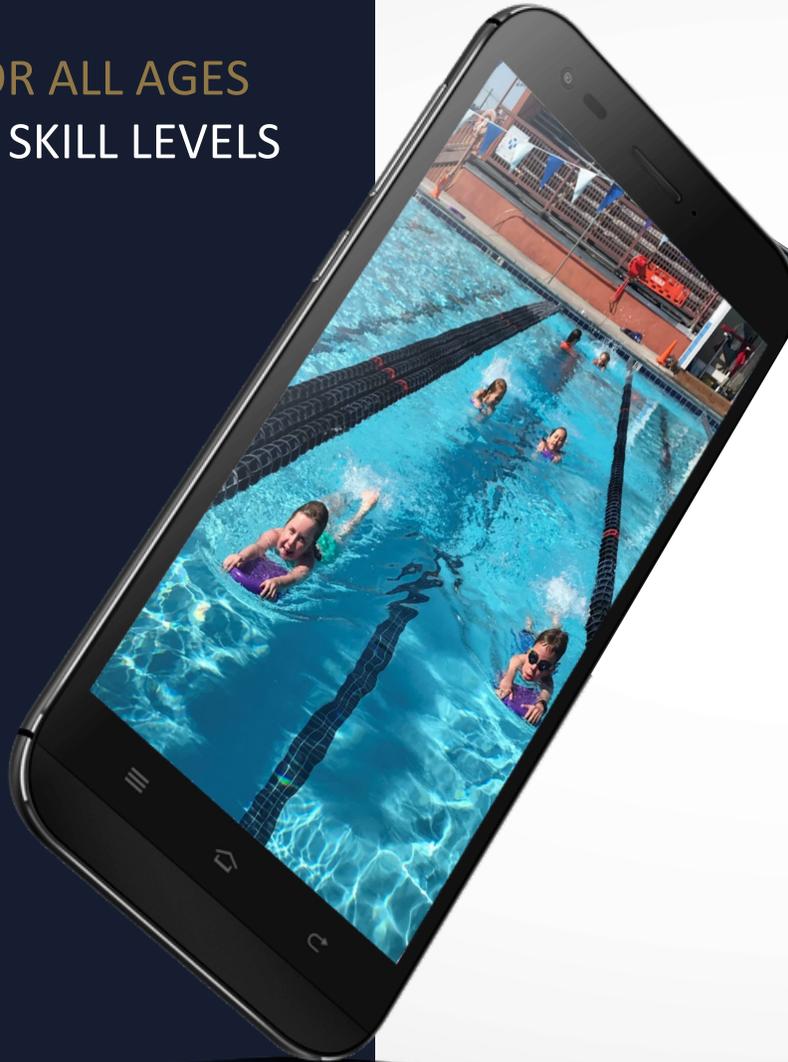
Partnered with Asana Yoga & Sole to offer Paddleboard Yoga Classes from July 10 – August 28, 2019. Classes were offered twice a week, every Wednesday & Sunday.

## 04 Adult Stroke Clinic

Registration for the Adult Stroke Clinic quickly filled with 10 participants interested in developing proper stroke technique and becoming better swimmers. The Clinic, led by Uwe Britsch, a renowned coach and skilled swimmer, offered five developmental sessions that focus on all four swimming strokes, flip turns, starts, and training techniques. Participants received individualized attention and have the opportunity to ask questions and receive feedback from an experienced coach.

# ELLA REDKEY POOL

FUN FOR ALL AGES  
AND ALL SKILL LEVELS



## 05 Synchronized Swimming

- Led by the very talented Nancy Rogers, the Synchronized Swimming program at Ella Redkey Pool provided an amazing workout and fun environment for all.
- From the first session, devoted participants came dressed the part – wearing bathing caps, bright lipstick and of course huge smiles across their faces. Synchronized swimming welcomed all levels and abilities and introduced a new exercise at the Pool.

## 06 Aqua Egg Hunt

On Saturday, April 13, 137 children of all ages participated in the first ever Aqua Egg Hunt at the pool. Plastic Easter eggs floated along the surface of the water and were submerged at the bottom of the 10-foot Pool to make the event exciting for all ages. Kids were divided into groups by age and swam, dove and raced to retrieve all 525 eggs in the Pool. At the end of the hunt kids traded their eggs for a special prize and enjoyed an afternoon at the Pool with family and friends.

# ELLA REDKEY POOL

## Surge Tank Repair

- The surge tank at the Pool received an upgrade in February 2019. Failing anchors and rusty hardware were removed and replaced with stainless steel parts. The space surrounding the pipes were filled with hydraulic cement and stability was reinforced. Surge tank extender valves were fabricated and installed within the tank for easy opening and closing of the valves from the pool deck. City Maintenance upgraded and installed a new transducer with an optical level sensor to automatically fill the Pool as needed.

## Geothermal Reinjection

- In February 2019 work began on the geothermal reinjection project at the Pool. As part of the project the well was cleaned and cleared of over 10-feet of debris. The re-injection system was installed and now allows the geothermal water to be reinjected back into the aquifer during the warmer, summer months. As a result of the well cleaning, the geothermal water is now heating the Pool water, bath house and pool deck more efficiently than ever.

## Apparel Sales

- Partnered with the Friends of Ella Redkey Pool
- Over \$2,000 of apparel sales since April

## Give Back Day

- 21 generous volunteers from Friends of Ella Redkey Pool, Blue Zones Project and New Earth gave back to the Pool on May 16.
- Volunteers planted flowers, improved trailways, picked up garbage, and cleaned pool tiles.



## PARKS

# ELLA REDKEY POOL

## 07 Everyone Swims

- A 3-year grant has been secured through Sky Lakes Medical Center to fund the Everyone Swims Program in 2019, 2020 & 2021
- The Program continues to make a difference in Klamath County. In April and May 2019, 826 third graders received a week of FREE swim lessons at the Pool.

## 08 Afterschool Program

- Ella Redkey Pool partnered with the City School District to provide afterschool opportunities for the middle and elementary schools.
  - 6<sup>th</sup>, 7<sup>th</sup>, & 8<sup>th</sup> grade students from Ponderosa School took part in a 4-week afterschool program at the Pool which included:
    - Swim Lessons
    - Water Polo
    - Aqua Zumba
    - Pool Fun & Games
- 1<sup>st</sup> & 2<sup>nd</sup> graders from Conger, Mills, Pelican & Roosevelt participated in a weeks-worth of afterschool swim lessons.



PARKS

# ELLA REDKEY POOL



## GRANTS

### MULTI-PURPOSE SHELTER

Friends of Ella Redkey Pool received three grants totaling \$23,500 that will help fund construction of a multi-purpose shelter to serve as an outdoor classroom and gathering space for the community. The shelter will facilitate a variety of aquatic programs focusing on water safety, active recreation and healthy lifestyle.

- \$3,500 from Pacific Power Foundation
- \$15,000 from Oregon Community Foundation
- \$5,000 from Cow Creek Foundation



## CONTACT US

1805 Main Street  
Klamath Falls, OR 97601  
(541) 273-1477  
[www.ellaredkeypool.com](http://www.ellaredkeypool.com)



PARKS

# ELLA REDKEY POOL

Want to see more of all the fun “goings on” at the Ella Redkey Pool? View our  
online [PHOTO GALLERY](#) and enjoy the smiles!

## PARKS

# KRUISE OF KLAMATH

The 2019 Kruiise of Klamath featured just under 400 classic cars from Oregon, Washington, California, and Nevada. The 3-day event, held annually at the end of June, includes a Show 'n Shine at Moore Park, which is considered one of the highlights of the weekend. This event not only features an abundance of classic cars, but vendors as well that offer information on local programs, crafts and food to entertain participants and spectators. The Kruiise of Klamath is a local organization that annually holds a classic car show at the end of June with the dual objective of celebrating classic cars and showcasing the many great aspects of Klamath Falls to out of town participants. One venue that is enjoyed by all participants is Moore Park, which is the site of the Kruiise of Klamath Saturday Show 'n Shine.



PARKS

# MOORE PARK

## PRESCRIBED BURN

The Oregon Department of Forestry in conjunction with Klamath County Fire District 1, US Forest Service, and City Parks staff conducted a prescribed fire within the boundaries of Moore Park beginning.

The primary objective of the prescribed burn was to safely reduce the buildup of dead/down fuels to provide an area that is less susceptible to severe impacts from future wildfire. Favorable weather conditions created a window to treat up several acres in Moore Park.



# STREET TREE PLAN

The newly developed Street Tree Plan is now available on our City Parks homepage on the City website. It provides acceptable standards for tree selection, placement, planting, pruning, removal and proper care.

## Klamath Falls, Oregon *Street Tree Plan*



Efforts to care for street trees planted along City roadways doubled this year. Maintenance and Parks Divisions contracted services for pruning of 550 trees, removal of 63 trees, and tree replacement. Limited funding was focused primarily on neighborhoods such as Mills Addition and the Presidential Streets areas above downtown. Sixty trees alone received pruning along the Protected Bike Lane. Strategic replacement of trees in our downtown continues. A revolving multiyear plan for replacement of downtown trees is also underway.

## CONTACT US

We are eager to provide any technical assistance as needed. Please call 541-883-5363 and ask for the Parks Manager, if you need further guidance.

## SUPPORT SERVICES

# IT



Designed and installed a 15-camera online surveillance system at Veteran's Park.



Conducted a major application and database server upgrade for our Tyler Incode Enterprise applications.

Developed and lead an HR initiative to implement an electronic Applicant Tracking System to streamline the requisition, recruitment, and selection efforts by the City



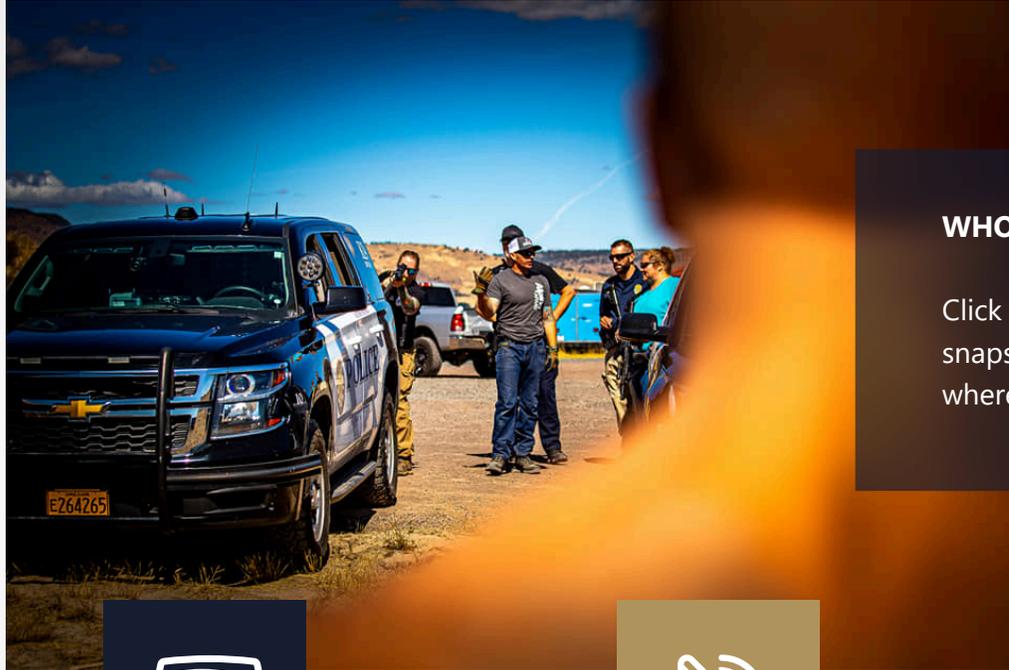
Developed and lead an initiative to consolidate all of the City's individual websites (klamathfalls.city, flykfalls.com, kfpd.us, and ellaredkeypool.com) into a single new modern website for the City.



## INFORMATION TECHNOLOGY

The Information Technology Division provides and empowers the City's business partners, employees and residents, visitors and businesses with sustained, reliable and efficient technology services, infrastructure and telecommunications.

KLAMATH FALLS  
**POLICE DEPARTMENT**



**WHO WE ARE**

Click on the image to watch the video that provides a snapshot of who we are and the amazing community where we are proud to live and serve.



**SUBMIT A TIP**

Anonymous Tip Hotline:  
(541) 883-5334



**NON-  
EMERGENCY**

(541) 883-5336



**FACEBOOK**

Facebook.com/Klamath-Falls-  
Police-Department

POLICE DEPARTMENT  
**COMMUNITY FOCUSED**



The Police Department provided kids in our community with a safe location to "Trick or Treat." We were impressed with the great costumes and the number of kids that took advantage of our offer!



KFPD took part in the annual "Park and Play" kick-off event at Kiwanis Park in the Mills Neighborhood. The event provides a unique opportunity for officers to engage the youth in our community in a friendly and relaxed environment.



Officers participated in the Read with a Hero event at Conger Elementary. Officer Trippett and Sgt. Smith had a great time interacting with the children; reading and answering questions about law enforcement.

## POLICE NEW FACES

In March 2019, KFPD added two police officers to our team. Connor was born and raised in Vancouver, Washington and has lived there his entire life. He grew up hunting, fishing, and recreating throughout the state of Oregon and a great deal around the Klamath Basin.

Connor has several family members that live in Klamath Falls so his transition to the Basin feels natural to him.



After graduating high school, he enrolled at Washington State University in Vancouver and to study sociology, addiction studies, and criminal justice. Much of his schooling centered around juvenile delinquency, alternative correction methods for youth Offenders, and drugs/alcohol in correlation to crime. Connor wants to connect further with our community by coaching youth wrestling.

connor  
THUNE

## POLICE NEW FACES

Jacob grew up in Salem, Oregon where he attended and graduated West Salem High School. From a young age, Jacob participated in various martial arts and he eventually became an instructor after earning his Taekwondo black belt in 2012. In 2016, Jacob earned the title of Nationally Certified Instructor in Taekwondo and shortly after earned his Krav Maga Instruction certification.



He has enjoyed strength training for over 7 years and makes it a high priority in his life. Jacob was married in 2017, the same year his daughter was born. He began actively working toward his goal of becoming a Police Officer in 2018 and felt instantly welcome at the KFPD and by community members he met while visiting.

Jacob looks forward to serving and protecting the citizens of Klamath Falls as a law enforcement officer for many years to come.

**jacob**  
**DELESHA**

POLICE  
**NEW FACES**

In July 2019, Joseph Reed was sworn in as a Police Officer. Joseph was born and raised in Eugene, Oregon and is a graduate of North Eugene High School. After graduation he attended Oregon Institute of Technology and Lane Community College. In 2010, Joe joined the United States Marine Corps as an infantry rifleman assigned to Nuclear Weapon Security Detail in Washington State where he served as Rifleman, Team Leader, Corporal of the Guard, and Sergeant of the Guard. He also attended the Marine Basic Security Course and Advanced Infantry Course.



joseph  
REED

In 2013, he was given orders to 2d Battalion 1<sup>st</sup> Marine Division where he deployed in support of Operation Inherent Resolve and served as an Operations Sergeant, attended Ground Operations Specialist course, Joint Fires observer Course, Command and Staff Planners Course and performed duties as a weapons instructor. Upon completion of his enlistment in 2015, he returned to Klamath Falls to study applied mathematics and applied physics where he will complete his Bachelor's degree in the spring. Joe enjoys volunteering in various capacities and looks forward to serving the community of Klamath Falls.

POLICE  
**NEW FACES**

Rett Heggie was born and raised in Klamath Falls. He graduated from Henley High School before enlisting in the US Army. Rett was assigned as a cannon crewmember and stationed in Fort Lewis, WA where he remained until his deployment to Iraq.

Rett was honorably discharged from the military and worked for Modoc Contracting before continuing service work as a private military contractor in Iraq for Northrop Grumman.



Rett returned to Klamath Falls in 2018, and decided he wanted to build a home, start a family and contribute to the community he was born and raised in.

rett  
**HEGGIE**

POLICE  
**NEW FACES**

Brandon joined our team as a Police Officer in December 2019. He was born in Ft. Campbell, KY, raised in Gresham, OR and is a graduate of Sam Barlow High School. After graduation, he enlisted in the US Army as an airborne infantryman and was assigned to 1<sup>st</sup> Battalion 75<sup>th</sup> Ranger Regiment in Savannah, GA. He served as a rifleman, grenadier, automatic rifleman, fire team leader, and as a member of the battalion's reconnaissance surveillance and target acquisition platoon.

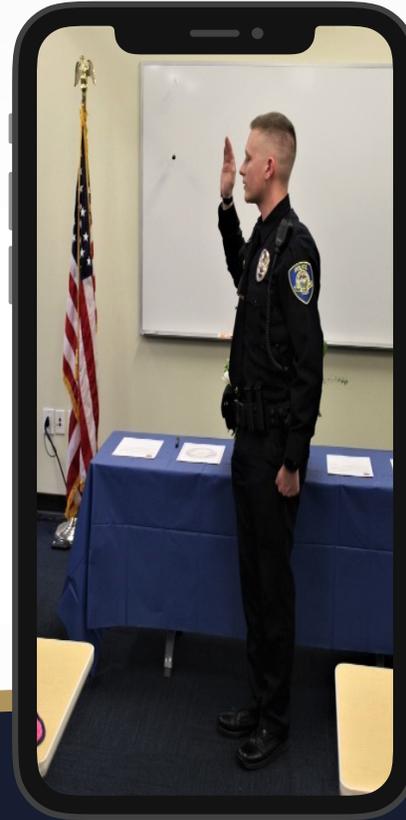


Brandon has forward deployed 4 times in support of Operation Enduring Freedom, attended the Army's NCO Academy, Ranger School, Airborne School, Precision Geo-Location Course, Close Target Reconnaissance Course, and Advanced GSM Network Course. Upon completion of his enlistment in 2014, Brandon attended Oregon State University where he received a Bachelor's of Science degree in Business Administration. He enjoys spending time outdoors, winter sports and is looking forward to serving the community of Klamath Falls.

brandon  
**WITMER**

POLICE  
**NEW FACES**

Zachary was sworn as a Police Officer in December 2019. Officer Fuller was born and raised in Klamath Falls and is a graduate from Mazama High School. After graduation he attended Klamath Community College where he obtained his Associates degree in Criminal Justice. During his time in college, he was a member of the KFPD Explorer Program and was awarded the Explorer of the Year award in 2017.

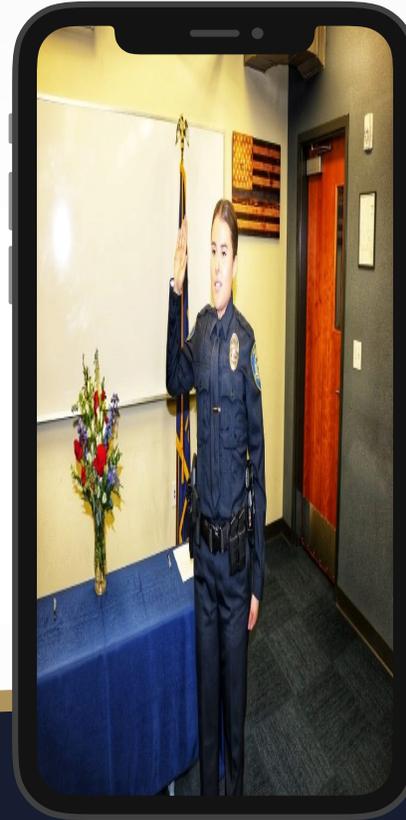


During the past year, he worked as a Safety and Security Officer at Sky Lakes Medical Center and became a Reserve Police Officer with the KFPD. Zach has always had a desire to serve his community and is proud to be a part of our team.

zachary  
**FULLER**

POLICE  
**NEW FACES**

Jaziel joined our team as a Police Officer in January 2020. Officer Ramirez is a Klamath Falls native, graduating from Mazama High School. Officer Ramirez has a Bachelor's Degree in Applied Psychology from the Oregon Institute of Technology.



She is formerly a Klamath County Sheriff's Office Corrections Deputy and recently became a trained Hostage Negotiator through the Federal Bureau of Investigation.

jaziel  
**RAMIREZ**

POLICE  
**BINET**



► **BASIN INTERAGENCY NARCOTICS ENFORCEMENT** ◀

BINET was formed in the spring of 2016 with the cooperative support and participation of the Klamath Falls Police Department, the Oregon State Police, and the Klamath County District Attorney's Office.

POLICE

# COFFEE WITH A COP



No scripts, no agendas, just neighbors taking time to talk and get to know each other.

# POLICE SHOP WITH A COP

The City of Klamath Falls Police Department participates in the Annual Shop With a Cop Program. This nationally recognized program assists children generally between the ages of 6 and 10 who are referred through various human service agencies and both City and County schools. Most of the children are there because of economic hardships their families are facing; however, some kids may also just need a night with a positive law enforcement role model.

In 2019, the program was a huge success thanks in large part to our local retailers, community members and partnering agencies.



BUILDING COMMUNITY  
**WORK, LIVE, PLAY**



01



02



03



The City of Klamath Falls' Mayor, City Council and employees are dedicated to serving our citizens in providing an environment that encourages work, live and play.

Visit us at: [www.klamathfalls.city](http://www.klamathfalls.city) or on Facebook at: [www.facebook.com/TheCityofKlamathFalls](https://www.facebook.com/TheCityofKlamathFalls)



# THANKS

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