



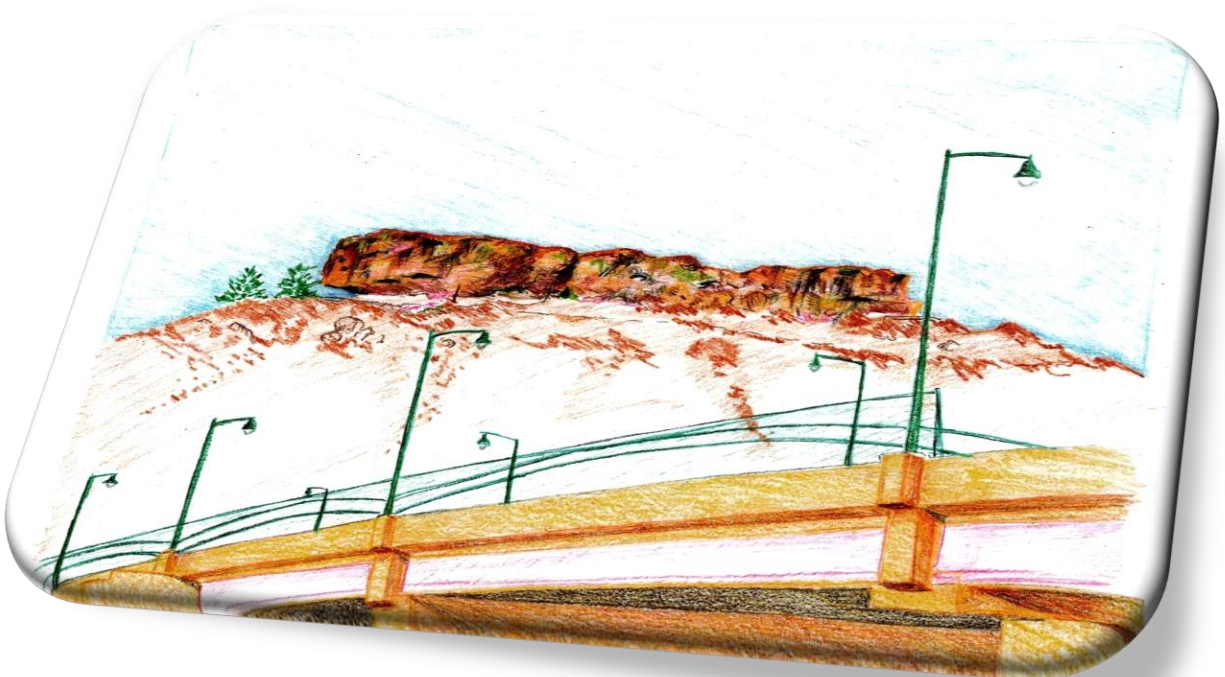
The Public Works Department operates under the CAN DO philosophy
- We are committed to doing the job right with a positive attitude
while staying dedicated to meeting the needs of our Town values
and continually searching for opportunities to improve.

PUBLIC WORKS DEPARTMENT

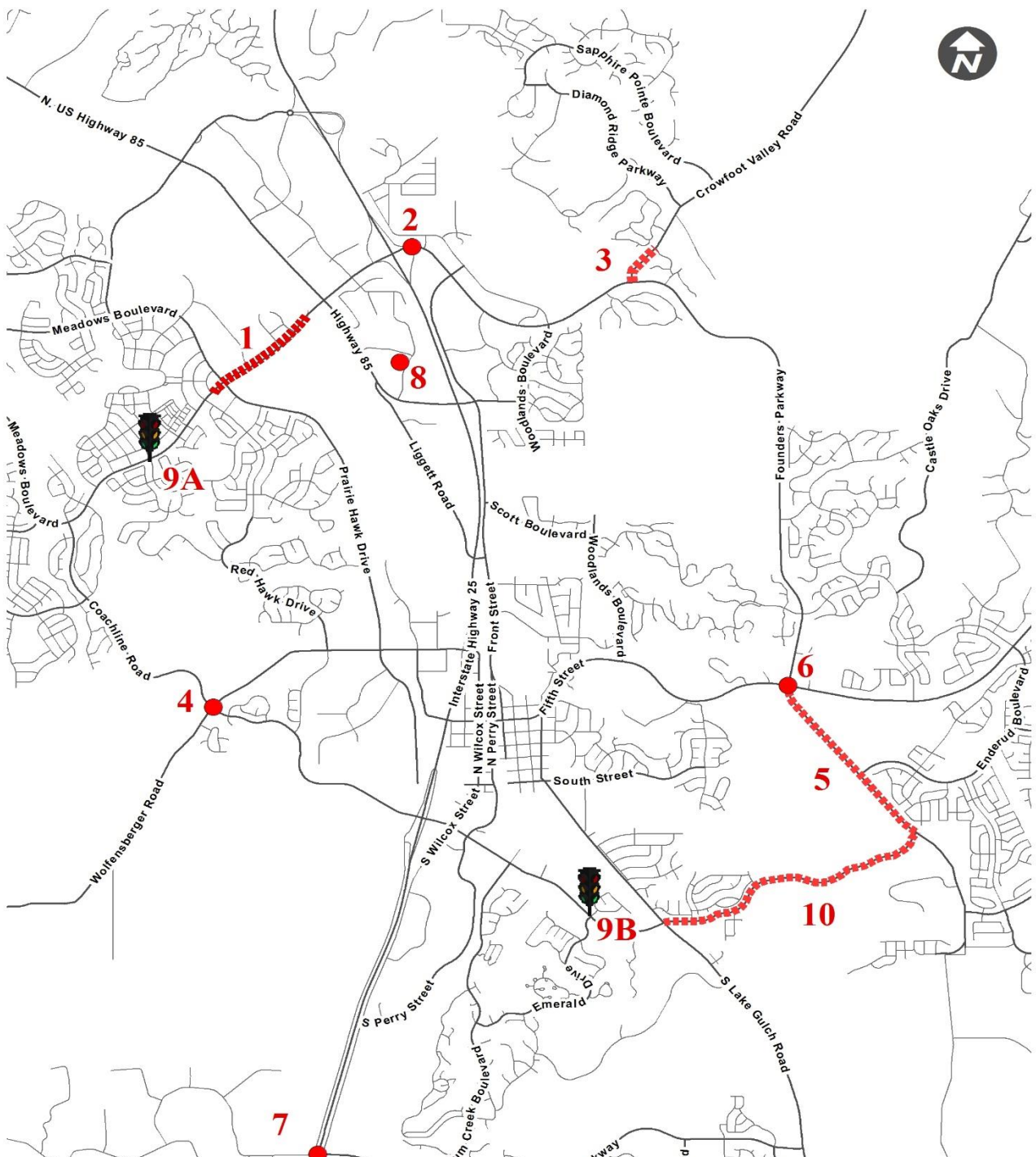


***Our Mission: To provide
outstanding service, safety
and support for
transportation infrastructure
and maintenance.***

MONTHLY REPORT – OCTOBER 2018



CAPITAL PROJECTS



1. Meadows Parkway Reconstruction
2. Founders Pkwy/Allen Way Intersection Project
3. Founders Pkwy/Crowfoot Valley Road Intersection Improvements
4. Roundabout at Wolfensberger Road/Plum Creek Pkwy
5. Ridge Road Widening (SH86 to Plum Creek Pkwy)
6. SH86/Fifth Street Intersection Improvements
7. Crystal Valley Interchange (Right-of-Way Acquisition)
8. Public Works Facility Expansion
9. 2018 Traffic Signal Program (9A & 9B)
10. Plum Crk Pkwy Widening & Plum Crk Pkwy/Gilbert Roundabout



1. Meadows Parkway Reconstruction - This improvement project will consist of the reconstruction of the existing 4-lane roadway of Meadows Parkway from the intersection of Meadows Parkway and Prairie Hawk Drive to the railroad overpass over Plum Creek near US 85. This reconstruction will also replace any broken curb/gutter, sidewalk, and add on-street bike lanes. **Phase: Construction** – The project is substantially complete and the contractor continues to work on punch list item. Sabell's Civil & Landscape LLC continues to work on the landscaping/irrigation work in the medians. **Budget: \$2,467,000**
Construction Completion: 4th Quarter 2018

2. Founders Pkwy/Allen Way Intersection Improvement Project – This project will address the need for the following improvements:

- An additional eastbound left turn lane from Founders Parkway to Allen Way
- A dedicated right turn lane from Founders Parkway to Allen Way
- An additional southbound right turn lane from Allen Way to westbound Founders Parkway
- An additional I-25 northbound on-ramp lane
- A second through lane at Allen Way and Allen Street

Phase: Design & ROW Acquisition – Felsburg, Holt & Ullevig is the design consultant for this project. The following is a summary of the design activities that took place during this month:

- Right-of-Way acquisition still underway
- Coordinated final permitting for Stormwater/Environmental approval
- Coordinated phone call with Town/CDOT/FHWA to complete MIMR process (awaiting MIMR approval from FHWA)
- Coordination with FHU regarding conditional ROW clearance for advertisement
- Working with CDOT to grandfather utility coordination into advertisement to avoid pending Subsurface Utility Engineering (SUE) legislation changing conditions of approval
- Packaging Final Plans for first part of November submittal to CDOT for verification and acceptance

Budget: \$760,000 **Design Completion: 4th Quarter 2018** **ROW Completion: 4th Quarter 2018**

3. Founders Pkwy (SH86)/Crowfoot Valley Road Intersection Improvement Project and Crowfoot Valley Road Widening Project – This project will address the need for the following improvements:

- An additional eastbound left turn lane from Founders Parkway to Crowfoot Valley Road
- An additional northbound lane on Crowfoot Valley Road between Founders Parkway and Knobcone Drive
- A southbound free right turn lane from Crowfoot Valley Road to westbound Founders Parkway
- Widen Founders Parkway both eastbound and westbound between the Crowfoot Valley Road and Woodlands Boulevard
- Widen Crowfoot Valley Road from Founders Parkway to Knobcone Drive

Phase: Design and ROW Acquisition – Kimley-Horn is the design consultant for this project. The following is a summary of the design activities performed this month:

- Design plans at 99% completion.
- Town Legal and Public Works staff working on right-of-way and easement agreements with neighboring properties. Staff will transplant and replant plants/shrubs in the ROW areas acquired from the Metzler property. This operation will be completed prior to advertisement for the construction of the roadway construction.
- A revised ROW agreement has been submitted to CDOT for review.

- Staff is working with the consultant to design the Crowfoot Detention Pond to fulfill the MS4 requirements for the Roadway project. Construction of this pond is scheduled to be completed prior to the construction of the roadway project.

Budget: \$650,000 (2016-17) Design & ROW Completion: 4th Quarter 2018



4. Wolfensberger Road/Plum Creek Parkway Roundabout Project

This project will accomplish the design and construction of a roundabout at this intersection to improve operations and minimize potential accidents. **Phase: Construction** – The following construction activities were performed by Rocky Mountain Excavating:

- Continue to work on BMP's / GESC
- Continue the installation of curb/gutter and sidewalk on the northwest and northeast corners of the new roundabout.
- Began placement of base course at the northeast and northwest corners of the new roundabout.
- Began placement of asphalt on the northeast section of the roundabout.

Budget: \$1.14M Construction Completion: Winter 2018

- 5. Ridge Road Widening** – Ridge Road will be widened from two to four lanes between the Founders Parkway (SH86)/Fifth Street/Ridge Road intersection and Plum Creek Parkway. The goal is to reduce traffic congestion on the Ridge Road corridor. **Phase: Design: Stanley Consultants, Inc., has been awarded the design contract for this project. Design is 60% complete. Budget: \$400,000 Design Completion: 4th Quarter 2018**

- 6. Founders Parkway (SH86)/Fifth Street Intersection Improvements** – The Town's design consultant, Short Elliott Hendrickson, Inc. (SEH) investigated multiple alternatives to address safety concerns and capacity issues at this intersection. A roundabout was the preferred alternative by CDOT, who owns the right-of-way for this intersection. **Phase: Design** – SEH has begun design and is scheduled to be completed by February 2019. Town staff met with Emmaus Anglican Church and church's neighbor for relocation of driveway access to the church to accommodate the design of the roundabout. SEH is working on a redesign of the roundabout based on the revised AM and PM traffic counts/movements. Design is 30% complete.

Budget: \$340,000 Design Completion: 1st Quarter 2019

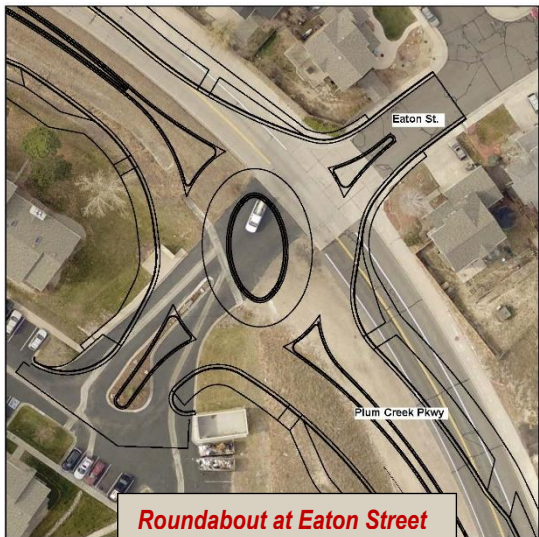
- 7. Crystal Valley Interchange – Right-of-Way Acquisition** – The purpose of this project is to achieve acquisition of remaining right-of-way and set aside future project funding allowing potential funding partnerships to assist with advancing construction. **Phase: Right-of Way Acquisition** – Final Right-of-Way Plan Reviews (ROWPR) have been submitted to CDOT for authorization, Town continues to wait for CDOT to authorize the plan sets. **Budget: Development Escrow ROWPR Completion: 4th Quarter 2018**

- 8. Public Works Facility Expansion** – This project will complete design plans for the Service Center building expansion. **Phase: Construction Advertisement** - The following is a summary of the activities that took place during this month:

- Submitted all documents for permitting to the Town for approval.
- Prequalified a short list of contractors that could bid on the project.
- Submission of bid documents to selected contractors. Bids will be due November 29

Budget: \$220,000

9A&9B. 2018 Traffic Signal Program - There are two intersections that are planned to be signalized this summer. These intersections include, Meadows Parkway/Low Meadows Boulevard, and Plum Creek Parkway/ Emerald Drive. Also included in this project is the Fire Department's emergency signal at their new Fire Station #152 located on Crystal Valley Parkway. The 5th Street/Valley Drive intersection was also a part of the design project, and will be restriped to accommodate a westbound acceleration lane on Fifth Street. **Phase: Construction** – All three intersections have been in operation since September with limited troubleshooting needed to date. Contractor punch list items were completed in October, including fiber connectivity by the contractor's sub, and landscaping touch ups at Low Meadow Boulevard in conjunction with the HOA. Staff is awaiting the receipt of final invoices with warranty for installation continuing for another calendar year. This project is nearly complete and is planned to be wrapped up in November. **Budget:** \$473,728 (Traffic Signals) \$172,967 (Fire's Emergency Signal) **Construction Completion:** Fall 2018



10. Plum Creek Parkway Widening and Plum Creek Parkway/Gilbert Street Roundabout Project – This project will address the need for the following improvements:

- Convert Plum Creek Parkway/Gilbert Street intersection into a roundabout
- Reconstruct the existing 2-lane section of Plum Creek Pkwy from Gilbert to Eaton streets
- Widen Plum Creek Parkway from Gilbert Street to Eaton Street

• Widen Plum Creek Parkway from Eaton Street to Ridge Road
Phase: Design and ROW Acquisition – Kimley-Horn is the consultant for this project. The following is a summary of design activities performed this month:

- Continued preliminary roadway design
- Finalized design of Gilbert Street/Plum Creek Parkway

roundabout

- Prepared design for Eaton Street/Plum Creek Parkway roundabout
- Conducted supplemental topographic survey
- Prepared property descriptions for right-of-way acquisitions
- Determined proposed conditions of water quality and storm drainage layout
- Continued development of preliminary construction plans for submittal

Budget: \$794,375 **Design & ROW Completion:** 4th Quarter 2018

Traffic Signal System Upgrades (Phase 3) – This project is the third phase of a multi-year project that was approved as part of the Town's Strategic Plan early in 2015. The two main components of the Phase 3 project are installation of closed circuit television (CCTV) and travel time monitoring devices at key intersections. In the month of October, staff made a purchase of Axis p-series and q-series pan-tilt-zoom (PTZ) cameras at 36 locations plus spare hardware. Cameras are expected to begin installation in November, staff will coordinate the installation of camera hardware with the Town's Signal Maintenance contractor. This portion of the phase 3 project is on budget and on time for year-end completion.

In October, the Traffic Division staff coordinated the installation of Trafficast's BlueToad (Bluetooth) product and software for real-time travel time monitoring on corridors throughout Town. Currently we are troubleshooting the communication connections with devices, building pairs and routes to start receiving meaningful data. Travel time monitoring will be available on all of the signalized corridors across Town with devices at 25 Town signal locations. Staff is still

coordinating with CDOT to attempt to install devices at six of their signalized intersections and are working through the details of shared resources and infrastructure that protects both jurisdictions. BlueToad devices provide real time and historic data of travel time and speed on Town's primary arterial corridors, share the travel time info to public via web based viewer and with CDOT's COTrip information service, as well as provide management center analysis data for origin and destination, and route finding. Staff has attended four of five webinar trainings and will do a half-day in-house training in November. This phase of the project is on time and within budget for a complete installation by late fall. **Budget: \$520,000 Project Completion: Late Fall 2018**



2018 Rectangular Rapid Flashing Beacon (RRFB) Project – In 2017, Town Council approved a project to install pedestrian crossing enhancements called, RRFB, around Town. RRFBs consist of a pedestrian activated yellow strobe light which notifies drivers that a pedestrian is at or with in the crosswalk. The lights are solar powered and cost approximately \$10,000 per location for the hardware and installation. They have proven to be an effective means of enhancing pedestrian safety. In 2018, staff continues to get regular requests to provide pedestrian crossing enhancements around Town. These locations are added to a potential installation list, evaluated, and prioritized for installation as funds are available. The priority is based on pedestrian exposure, and speed of vehicles at the crossing.

In October, we received the shipment of materials and hardware for the assembly of RRFB arrays. Underground locates and signs for the first two locations, Foothills Drive/Clear Sky Way/Mikelson Boulevard, and the trail near Bonner Street are underway. Other locations identified as needing safety improvements this year, include: Plum Creek Parkway/Auburn Drive, Loop Road/Fox Haven, and Crystal Valley Parkway/Old Lantern Trail. Town staff is providing all the labor to make signs, assemble the beacon and button array, complete the installations, and provide additional roadway striping. **Budget: \$35,900 Completion: Winter 2018**

2019 Intersection Signalization Design Projects – In October, Town Staff met with on-call design consultant, Muller Engineering, about 2019 signal construction projects. Muller Engineering will provide design work of two signalized intersections, a new signal and a reconstruct to a permanent mast arm type. These intersections include, Meadows Boulevard/Future Street and the reconstruct of the Factory Shops Boulevard/New Memphis Court span wire signal. 90% plans are expected for staff review in November. **Budget: \$47,200 Design Completion: Winter 2018**

Engineering Division

2018 Pavement Maintenance Program (PMP) - The 2018 PMP has focused its efforts in the East PMP area with additional work taking place on primary streets (Woodlands Boulevard, Wilcox Street, Prairie Hawk Drive, Plum Creek Boulevard, and Meadows Boulevard).

The remaining ongoing PMP primary street work is on Meadows Boulevard from N. Meadows Drive to Cherokee Drive. This project is a concrete restoration project, which consists of restoring structural integrity, improving ride quality and safety, and sealing the joints to extend the life cycle of the pavement. The project is currently in the first stage of restoring structural integrity by removing and replacing damaged or uneven concrete pavement panels.





The PMP crack seal operations is under way in the East PMP area. This project will crack seal streets in the East PMP area that are in a condition that did not require a surface treatment such as a slurry seal or overlay.



The 2018 Miscellaneous Concrete Replacement project continues with the repair of concrete infrastructure, such as sidewalk, curb and gutter throughout the Town as well as work on compliance with the Americans with Disabilities Act (ADA). This contract will construct needed pedestrian crossing improvements at the 3rd and Jerry streets intersection, and traffic calming in the Woodlands neighborhood. Public Works has also teamed up with Castle Rock Water, Stormwater Division, to install the



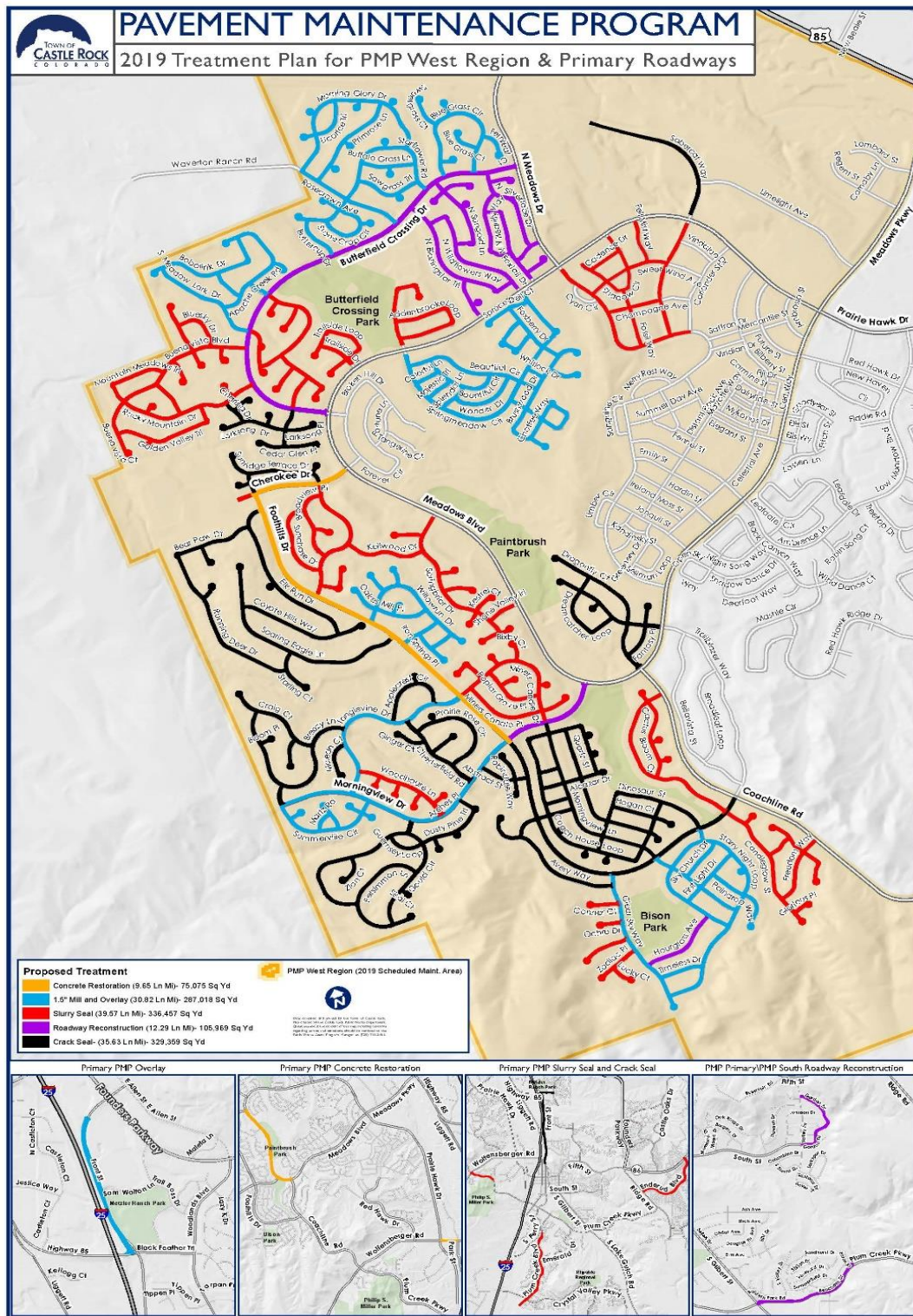
2018 approved chase drains. These structures allow water to flow from the back of walk to the flow line of the gutter, reducing algae buildup on the sidewalk, which improves safety for pedestrians.



2018 Bridge Maintenance Program (BMP) – The Town’s on-call consulting engineer, Felsburg, Hold & Ullevig (FHU), has provided bid packages for the Front Street Flyover Bridge and the Perry Street Bridge. The bid package has been placed on Rocky Mountain BidNet for advertisement. FHU is continuing to work on the design for repairs, and stream mitigation for the 5th Street Bridge over I-25 and Plum Creek. This design, construction plans, and the bid package is expected to be completed by the end of the year.

2019 Pavement Maintenance Program (PMP) - Staff is working on the field reconnaissance for the 2019 PMP. The purpose of the field reconnaissance is to quantify curb, gutter, and sidewalk as well as pavement areas that are in need of repair prior to the application of the final maintenance surface treatments such as slurry seal, asphalt overlay, or pavement reconstruction. In 2019, PMP will be in the West area. The scheduled primary streets include - Plum Creek Parkway between Wolfensberger Road and Auburn Drive, Plum Creek Boulevard between Ebony and Crystal Valley Parkway, Enderud Boulevard, Front Street between Founders Parkway and Black Feather Trail, Wolfensberger Road between Park Street and Prairie Hawk Drive, and Meadows Boulevard from

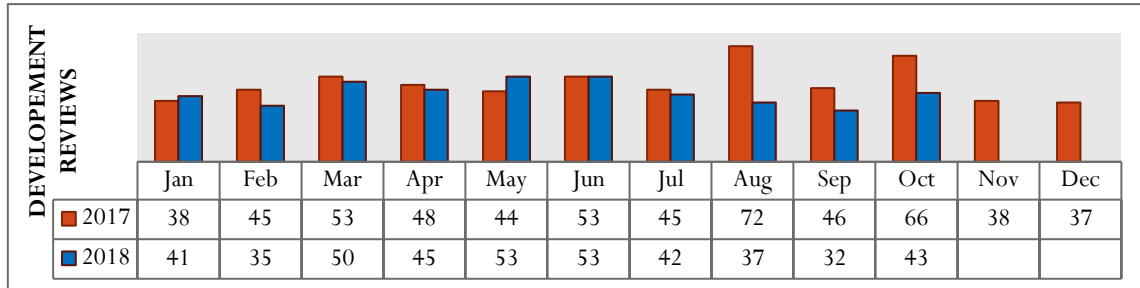
Coachline Road to Cherokee Drive. Changes in the proposed streets may occur due to current evaluation taking place and/or actual bid pricing received that may require some modifications. The PMP map (shown below) indicates the proposed scheduled treatments for streets within the West PMP area and primary streets. This map may change based on maintenance treatments and resources available.



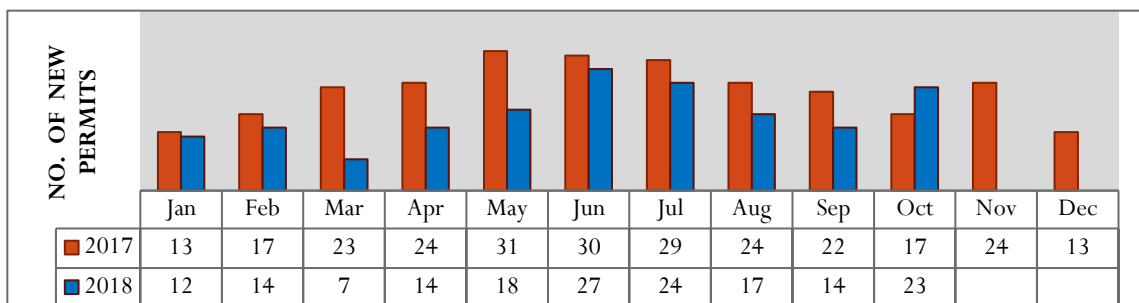
2019 Facilities Parking Lot Improvements Program - The PMP team has begun working on the field reconnaissance for the 2019 Town Facility Parking Lot Improvements Program. This consists of the parking lots at the Crystal Valley Tank 15 site, Coachline Tank 17 site, Founders Village Park, and half of the Red Hawk Ridge Club House Parking lot. Changes in the proposed facilities may occur due to current evaluation taking place and/or actual bid pricing received that may require some modifications.

Development Review and Permitting

Development Review - Included in the 43 submittals are 14 first time applications with five pre-applications. All reviews were completed on or before the due date by the PW Development Services Team.

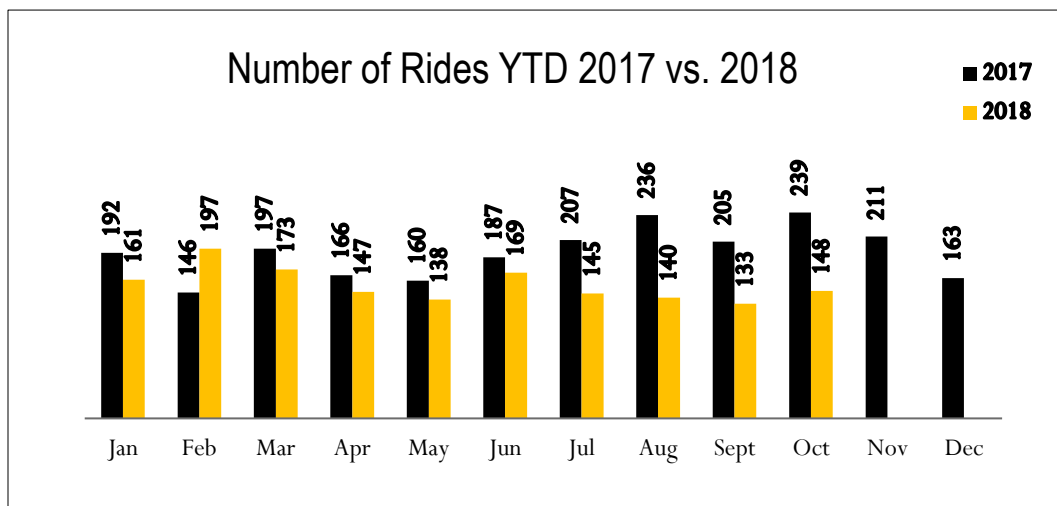


Permitting – Twenty-three permits were issued.



Transportation Division

Taxi Voucher – For the month of October, the Taxi Voucher Program funded 148 rides, this was a 38% decrease from last October's total of 239 rides. Ridership this month is up from last month due to two new riders in the program needing rides to work throughout the week.

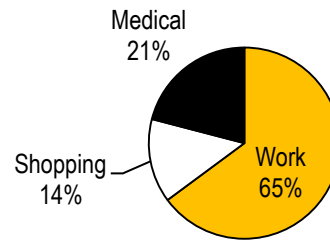


Rides are available for work, shopping or medical trips. Transportation services are provided for Castle Rock residents who are senior citizens, have a disability that prevents them from driving, or do not have access to a vehicle.

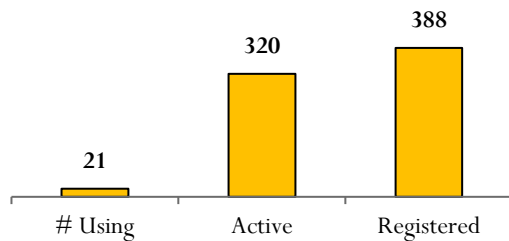
Types of Riders Using the Service



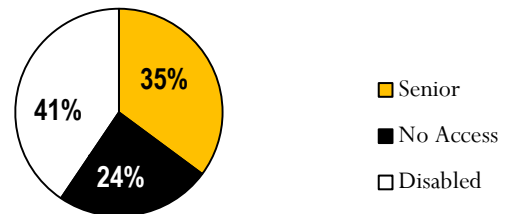
Ride Destinations



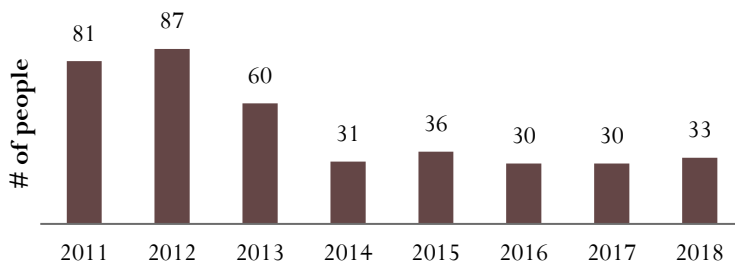
Number of Riders Using the Service vs. Registered



Percentage of the Total Rides (148) by Each Rider Type



Number of People Registering for Program



There were two new registrants for the Taxi program this month. Since its inception, a total of 388 people have registered for the Town of Castle Rock Taxi Voucher Program. Currently 68 of these past registrants are inactive or have dropped out of the program.

Senior Activity Center Shuttle –

The Senior Activity Center provided 729 rides in the month of October which was a 10% increase from last month's rides of 664. The volunteer driver program provides service Monday through Friday from 9 am to 3 pm.

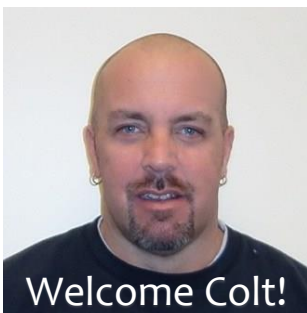
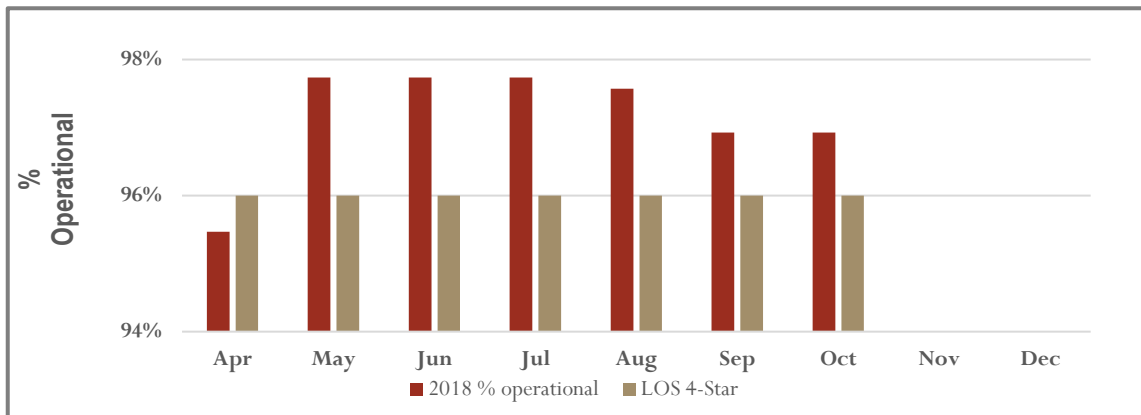


Traffic Engineering & Operations

Traffic Signal Operations and Maintenance - In the month of October, staff addressed eight requests from the public related to traffic signal and intersection operations, safety, and maintenance. A total of 75 traffic signal maintenance visits were completed in October. Town staff made 68 of those visits and seven were made by our Signal Maintenance contractor. Five of those visits were planned visits for more thorough annual preventative maintenance items. Town maintenance visits included 37 visual inspections at each signalized intersection, one LED lamp replacements, six timing changes, one emergency response (pedestrian detector in recall), and 16 non-routine, non-emergency visits were made. These 16 visits included detection troubleshooting, pedestrian push-button or head repairs, and controller programming changes. The most frequently visited signals at five times, included Front Street/Huskie Boulevard, Plum Creek Parkway/Plum Creek Boulevard, and Plum Creek Parkway/I-25 (NB).



Street Light Operations - The Town owned and operated street lights are inspected on a monthly basis with regard to the total percentage that are operational (i.e. on at night). In the month of October, approximately 97% of these street lights were operational. This operational level is a four out of five star rating in the Department's infrastructure report card rating system.



Welcome Colt!

Street Signs and Pavement Marking Maintenance - The month of October was a productive month with the hiring of a second sign technician, **Colt Carlson**, the section is now fully staffed! The crew accomplished installing 59 new signs. The majority of these new signs were for the "No Parking" Project on Auburn Drive; along with replacing 23 signs that were due to be replaced. In addition, the crew painted 18 symbols and collected six traffic counts. Staff also took a day and inspected 216 signs for their life expectancy. The striping contractor reapplied 896 long lines. In all, staff completed 1467 tasks during October.

Transportation Planning

Neighborhood Traffic Calming Program (NTCP) Update

New Inquiry Updates

- **Diamond Ridge Parkway:** A homeowner has raised concerns regarding vehicle speeds on the roadway. The policy document along with the support petition has been sent to the homeowner.

Previous Inquiries

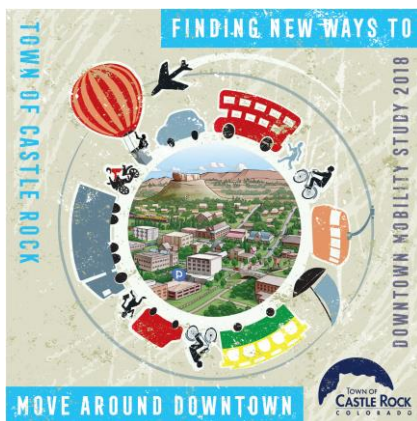
- **Saddleback Drive:** The final signing and striping for the improvements will be completed in November.
- **Tree Top Drive:** The homeowner was sent the results of the study and informed the street does not meet the minimum criteria for the NTCP. Educational and outreach efforts are available to the neighborhood.
- **Echo Hollow Street:** The HOA representative was sent the results of the study and informed the street does not meet the minimum criteria for the NTCP. Educational and outreach efforts are available to the neighborhood. However, the HOA representative said they would like to discuss the results of the study at the next HOA meeting before proceeding to the next step.
- **Morning View Lane:** Town staff has not received the initial support petition from the homeowner. The support petition is required before the Town can conduct the speed and volume study.

Town Staff Identified Projects

- **Follow Up on Butterfield Crossing:** Town staff has been observing the new striping pattern on Butterfield Crossing to determine if the striping will be carried forward as part of the roadway reconstruction project scheduled for next summer. At this point, staff has observed very few cars actually parking on the street. No roadway problems have been reported to staff at this time.
- **Auburn Drive:** The majority of roadway changes have been completed. Some additional “No Parking” signs still need to be installed along the street before it can be considered completed. It is expected that the new signs will be installed in November.

Development Review

Staff reviewed and commented on two transportation impact studies during the month of October. All reviews were completed on time.



Downtown Mobility Study - Town staff presented current progress on the study to Town Council on October 2. The presentation included a summary of community issues and desired outcomes along with a list of preliminary recommendations. Prior to finalizing the recommendations they will need to go through the public review process. As part of this process, a public open house was held on October 17 to present the draft recommendations and collect public feedback. The event was well attended and people were very interested and engaged in the review process. During the month of November, additional public outreach efforts will be made, such as presentations to the Economic Development Committee, the Downtown Development and Merchants Associations, and additional stakeholder meetings will be held.

Some of the preliminary recommendations include:

- Additional roundabouts at several downtown intersections, such as Wilcox and South streets, 5th and Jerry streets, and Wilcox Street and Wolfensberger Road.
- Activate the downtown alleys – This recommended improvement would enhance the alleys and create a better shared use facility for people to bike and walk through downtown while still serving the needs of a traditional alley.
- Complete gaps in the sidewalk system and look at widening sidewalks along certain streets, such as Jerry and 5th streets.
- Improve pedestrian safety – In addition to the roundabouts mentioned above, several intersection improvements would include the construction of curb extensions, and improved

sight lines. Other improvements may include increased lighting levels and adding rapid flashing beacons.

- Modify current Town standards to apply only to the downtown, such as the intersection level of service standard, and minimum sidewalk widths as properties redevelop.

I-25 / Blackfeather Trail Interchange and Founders Corridor Study - Town staff has had some additional discussions with CDOT staff and will be sending out a letter to CDOT asking for participation on the study.



Future CDOT Bustang Stop - Town staff met with CDOT, Douglas County and the developer of the Pine Canyon property (located along Front Street, south of the Black Feather Trail overpass). The discussion involved the three potential Bustang stops identified in the CDOT I-25 Planning & Environmental Linkage (PEL) study. It was agreed that the PEL study will conduct a pro and con comparison of the three stop locations along with high level cost estimates. The potential Bustang stop in the Pine Canyon development area is proposed to be located in the center median of I-25 with pedestrian bridges over I-25 and Front Street to connect it to the park-n-ride and surrounding development. The other two potential stops are located in the downtown area; one at the Wolfensberger Road/Wilcox Street interchange and the other near the Douglas County administrative building.



DRCOG Active Transportation Plan (ATP) - Town staff is in the process of reviewing the draft document and will be making any recommended changes to DRCOG.

DRCOG 2021 – 2023 Transportation Improvement Program - The Douglas County Sub-regional Committee did not meet in October. However, the technical team did meet to discuss potential projects and scoring criteria. There are a number of projects each jurisdiction is considering as an application. It is expected that the Committee will begin to discuss these projects at the November meeting. In addition, the Town will be asking for CDOT to partner with the Town on the intersection improvements at Founders Parkway (SH86) at Fifth Street.



Fleet Services

"Keeping Castle Rock on the Move"



As we drive around this Town of ours and see how busy all the different departments are with all the growth, from the Fire and Police departments along with Parks, Public Works, Water and Development Services relying on their Town issued vehicles to keep up with the first class service that we provide to the citizens of Castle Rock here at the Fleet Services Division, we take great pride in knowing that those vehicles are reliable and safe to operate!



Fleet Services Division filled our open Fleet Support Technician position with the hiring of **John Arney!** John came to us from City of Colorado Springs Fleet Division and brings much experience to this position. Prior to that, John served our country in the U.S. Army.

Welcome John!

Work output for the month of October was 143 work orders. This was the most work orders completed in a month for 2018! The Fleet Division also billed out over \$91,000 in parts and labor.

Performance Benchmarks

Objective/Benchmark: Complete at least 75% of our work orders within 24-hours of coming to the shop.

Outcome: Fleet team completed 91% of the work orders within 24-hours of opening repair requests or service requests. This benchmark number shows how quick the Fleet Services Division is working on vehicles to get them back on the road.

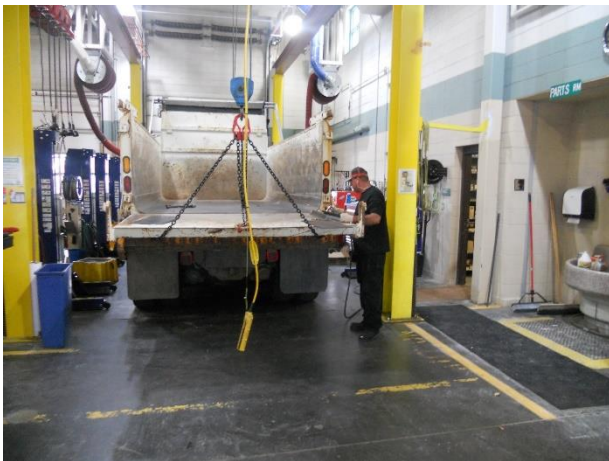
Objective/Benchmark: Town vehicles and equipment available for use 95% of time.

Outcome: Town vehicles and equipment were available 98.95% of the time. This high fleet availability rate means that 99% of the Town vehicles and equipment were in service for the month of October!

Objective/Benchmark: Technician productivity percentage of 70% (APWA standard)

Outcome: Technician productivity was 85%.

This was a record setting month for productivity, revenue and achieving our goals!! CONGRATS TEAM!!



Chris Selheim, Fleet Tech, Using Overhead Crane to work on Town Truck



SO&M Loader in for repair



Utilizing Lift to work on Excavator for Water Dept.

Street Operations & Maintenance Division

During the month of **October**, the Street Operations & Maintenance Division (SO&MD) performed work in six (6) maintenance operations:

- Sweeping
- Snow Operations
- Gravel Road Maintenance
- Crack Seal Operations
- Special Operations
- Road Verge Operations

Sweeping

Sweeping operations continued with **337.47 lane miles** of the downtown and business areas having been swept in accordance with the monthly sweeping schedule and post storm sweeping operations. These operations resulted in **749 cubic yards** of material being removed from the roadways. These operations keep objects and materials off the roadway, which could present a hazard to traffic, air quality, storm water quality, as well as helping the Town maintain its aesthetic appeal.



Snow Operations

Streets crews responded to two snow events during the month. These did not result in significant snow; they did pose a risk of icing during rush hour. Crews were able to monitor and deploy as appropriate to mitigate the ice buildup on roadways, bridge decks, and overpasses.



Gravel Road Maintenance

Streets Division crews completed gravel road maintenance operations on Castle Oaks Drive and on Rocky View, having reworked the surface of **10.18 lane miles** of gravel roadway. These operations have been increasingly needed to help keep the roadways in good condition due to the large amount of construction traffic they receive. The operations also re-establish drainage to areas where water flow can be controlled, enhance safety, and ride quality.



Crack Seal Operations

Streets crews are nearing completion of the fall portion of the Pavement Maintenance Program (PMP). This month, crews have completed 27.98 lane miles using 28,350 pounds of material. This operation will work to preserve and maintain the roadways that are not scheduled to be resurfaced in the PMP area.



Special Operations

Streets Division crew participated in the Lowe's annual safety event bringing some of the Department's largest and most popular pieces of equipment. The event was also used as a test bed for a "Paint-a-Plow" event, where the children of the community can paint the front face of the snowplow. This was a resounding success with the children as well as the Streets crew having a great time. The Streets crew also took the opportunity to explain the purpose, use, and utility of each of the types of equipment presented as well as allowing the kids to have a bit of fun in each machine.



Road Verge Operations

Crews are diligently working to complete the mowing in the rest of the assigned areas. Tree trimming has also been continuing to enhance visibility for regulatory signs, prevent damages to street sweepers, and plow trucks during upcoming operations.



Looking Ahead

Looking to the month of **November**, we will continue our efforts to keep the Town's roadways in good condition with street sweeping operations, along with PMP crack seal operations that are scheduled to continue and should be able to complete the remaining 12 miles early in the month, weather permitting. Also in the works are finalizing new snow routes and creating new updated route maps as well as scheduling snowplow training for all the plow operators. This will bring all operators up-to-speed on the expectations, procedures, equipment, and familiarize them with the routes that will be assigned to them during the upcoming snow season.



*In Memory of
Eric Lee, Street Operations & Maintenance Manager
November 5, 1969 - October 3, 2018*