



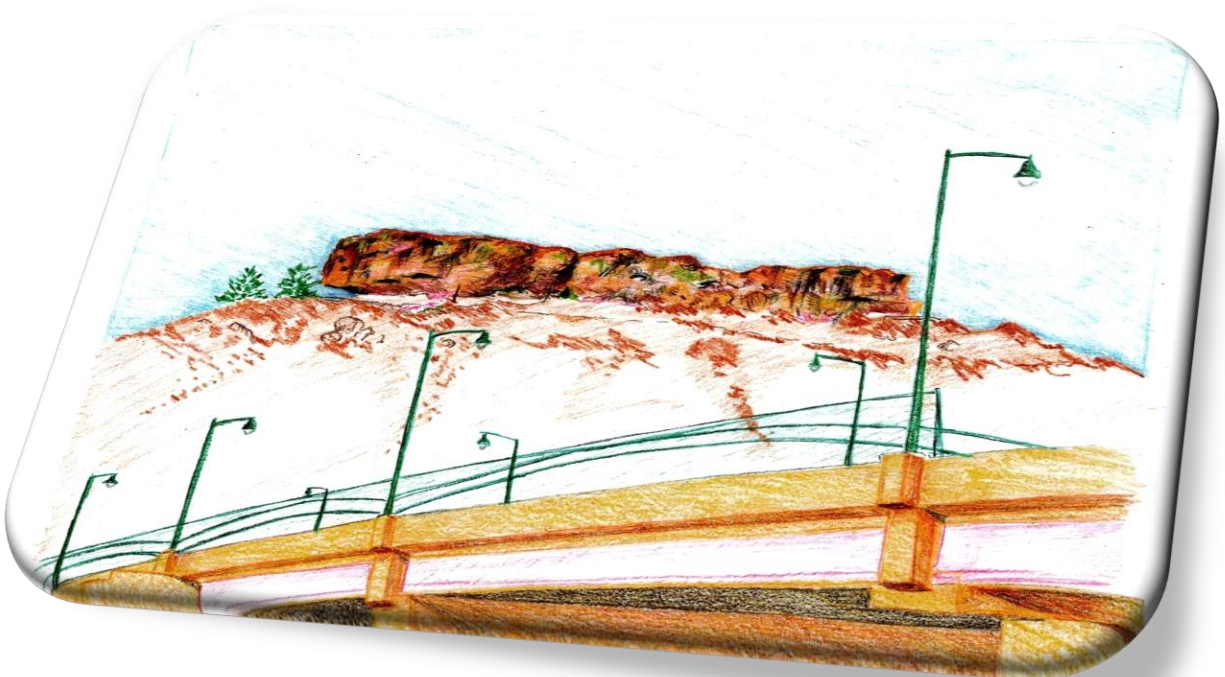
The Public Works Department operates under the CAN DO philosophy - We are committed to doing the job right with a positive attitude while staying dedicated to meeting the needs of our Town values and continually searching for opportunities to improve.

# PUBLIC WORKS DEPARTMENT

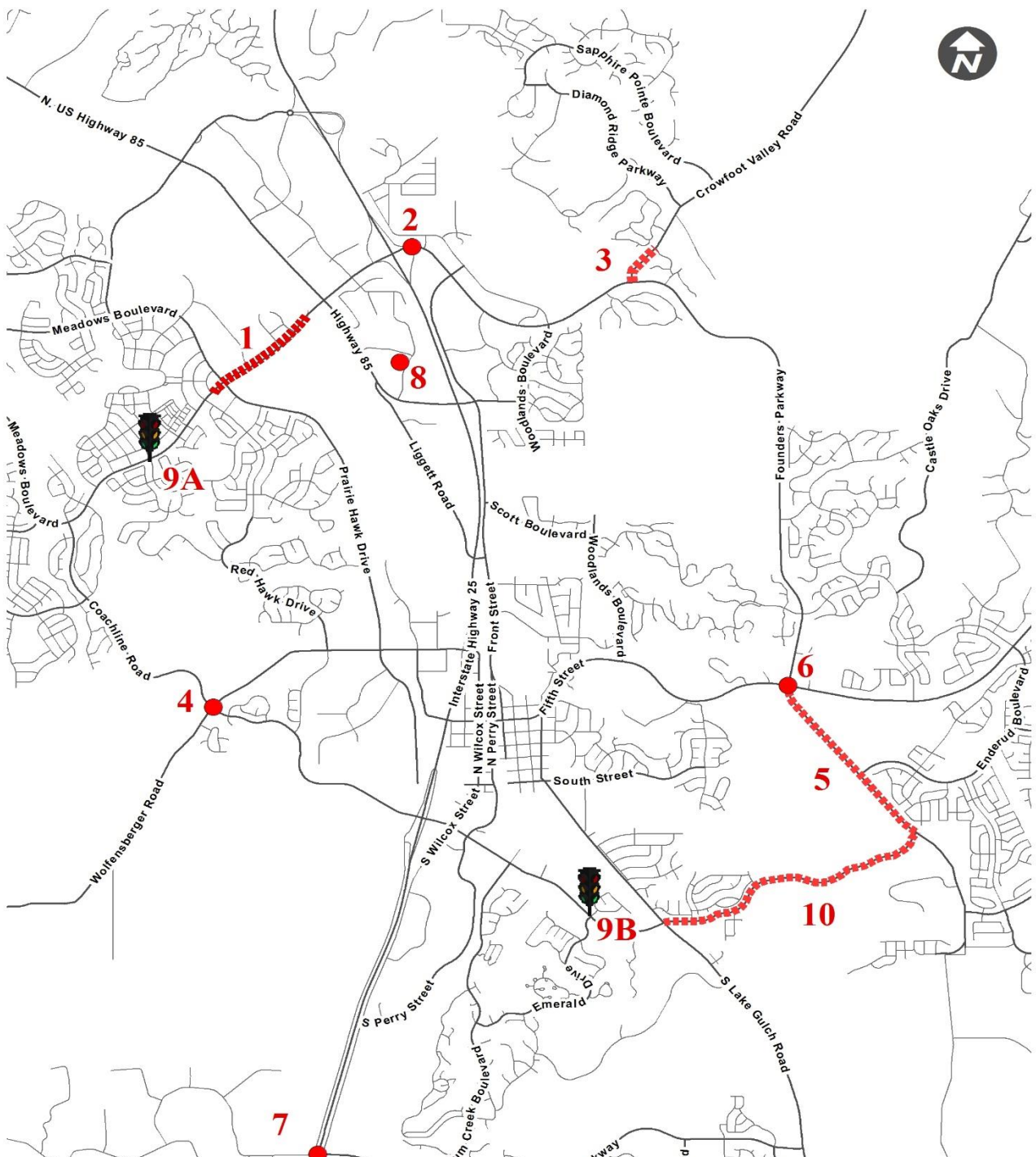


*Our Mission: To provide  
outstanding service, safety  
and support for  
transportation infrastructure  
and maintenance.*

## MONTHLY REPORT – NOVEMBER 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**  
**Project Completion: 4<sup>th</sup> 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
- MIMR Minor Interchange Modification Request) has been approved by 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 construction plans for submittal to CDOT for verification and acceptance

**Budget: \$760,000 Design Completion: 4<sup>th</sup> Quarter 2018 ROW Completion: 4<sup>th</sup> 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.
- The Crowfoot Detention Pond Improvement Project was advertised for bid through Rocky Mountain BidNet. Pre-bid was held November 27<sup>th</sup> with bid opening scheduled for December 11<sup>th</sup>.



*This project will 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: 4<sup>th</sup> 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 southwest corner and the inner circle of the roundabout.
- Continued placement of base course and asphalt.

**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 90% complete. Budget: \$400,000 Design Completion: 4<sup>th</sup> 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. 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 design modification of the roundabout based on the revised AM and PM traffic counts/movements. **Design is 30% complete. Budget: \$340,000 Design Completion: 1<sup>st</sup> 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 is expecting to receive the authorized plans sets from CDOT the first part of December 2018 which will allow the Town to proceed with Right-of-Way Acquisition. **Budget: Development Escrow ROWPR Completion: 4<sup>th</sup> Quarter 2018**

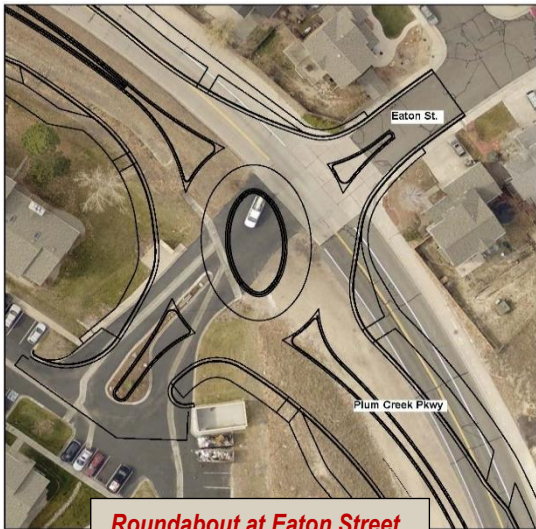
**8. Public Works Facility Expansion** – This project will complete design plans for the Service Center building expansion. **Phase: Construction Advertisement** - The following is a summary of the activities that took place during this month:

- 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. Bid opening is scheduled for December 6<sup>th</sup>.

**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 5<sup>th</sup> 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 December. **Budget:** \$473,728 (Traffic Signals) \$172,967 (Fire's Emergency Signal) **Project Completion: Winter 2018**



**Roundabout at Eaton Street**

roundabout

- Conducted utility coordination and initiated utility investigations
- Completed legal descriptions for right-of-way acquisitions and furthered property owner discussions
- Completed drainage report and storm sewer design
- Completed preliminary construction plans for review

**Budget: \$794,375 Design & ROW Completion: 4<sup>th</sup> 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 November, staff received the 36 Axis p-series and q-series pan-tilt-zoom (PTZ) cameras and hardware and completed programming for communication and reporting back to the management center. Staff also completed 14 site investigations for optimal placement for the first wave of deployment. Camera installation, including becoming operational with video feed to the center, will be completed in December. This portion of the Phase 3 project is on budget and on time for year-end completion.

In addition, staff completed the installation of all devices and troubleshooting for communication and providing a data stream back to a Town server for the new travel time devices. This began the collection of travel time data between all devices and routes at all 25 Town signal device locations. Staff had a "next step" meeting with CDOT representatives about completing fiber optic access and replicating device data on the Town server from five devices to be



installed at CDOT signalized intersections. The details and understanding of operation and maintenance responsibilities, as well as access to shared resources and infrastructure is being determined. In addition to real time travel time data, BlueToad devices can provide historic travel time and speed comparisons, share the travel time info to the public via a 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 is communicating with CoTrip representatives to begin providing that travel time feed to the public and is also coordinating with Town's DoIT staff about available speed map that should be available to the public in a few weeks. This phase of the project is on time and within budget for a completion by the end of the year.



**Budget: \$520,000 Project Completion: Winter 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 November, Town Staff completed the assembly of all devices, and installed pedestrian beacon equipment and signage at three of the five locations: Foothills Drive/Clear Sky Way, Mikelson Boulevard/trail near Bonner Street and Plum Creek Parkway/Auburn Drive. The two remaining locations are Loop Road/Fox Haven, and Crystal Valley Parkway/Old Lantern Trail are scheduled to be installed in early December. Application of pedestrian crossing striping will follow at all locations when it can be scheduled. Town staff has provided 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 November, Town staff received 90% construction plans, and distributed the plans to stakeholders for review. Review comments are due back to the consultant the first week in December. On-call design consultant, Muller Engineering, is providing design work of two signalized intersections, a new signal at Meadows Boulevard/Future Street, and a reconstruct of the span wire signal to a permanent mast arm type at Factory Shops Boulevard/New Memphis Court. **Budget: \$47,200 Design Completion: Winter 2018**

## Engineering Division

**2018 Pavement Maintenance Program (PMP)** – The remaining work left for the 2018 PMP program is the roadway work on Meadows Boulevard from N. Meadows Drive to Cherokee Drive. This is a concrete restoration project, which consists of restoring structural integrity, improving ride quality and safety, and then sealing the joint to extend the life cycle of the pavement. The project is currently in the final stages of the restoration process; joint sealing and grinding to restore smoothness to the roadway. The project is scheduled to be completed the middle of December.

**2018 Bridge Maintenance Program (BMP)** – The Town's on-call consulting engineer, Felsburg, Holt & Ullevig (FHU), has provided bid packages for the Front Street Flyover Bridge and the Perry Street Bridge. The bid package

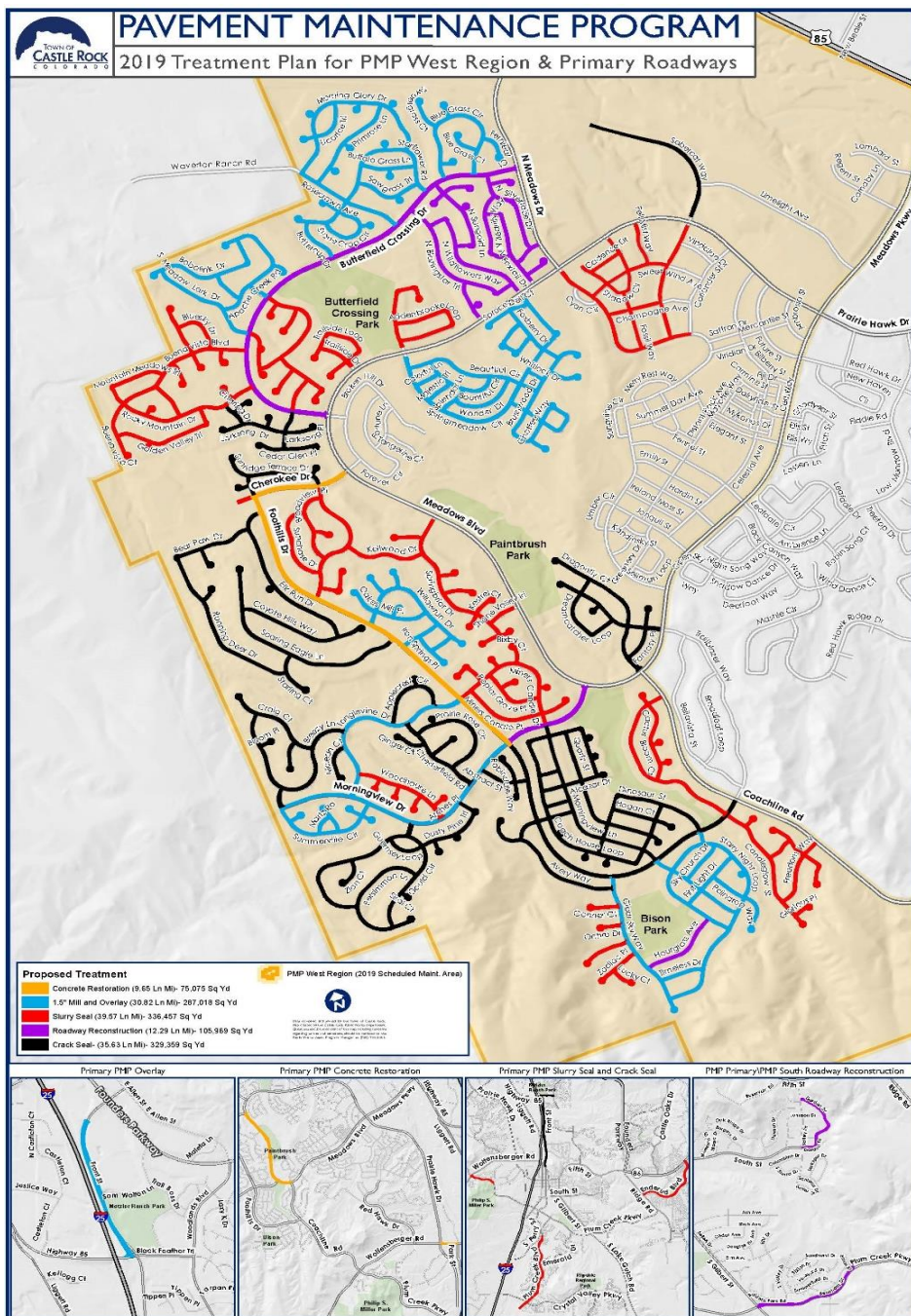




has been placed on Rocky Mountain BidNet for advertisement. Bid opening for this project is scheduled for December 6<sup>th</sup>. FHU is continuing to work on the design for repairs, and stream mitigation for the 5<sup>th</sup> Street Bridge over I-25 and Plum Creek. This design, construction plans, 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, Wolfersberger 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 left) 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.



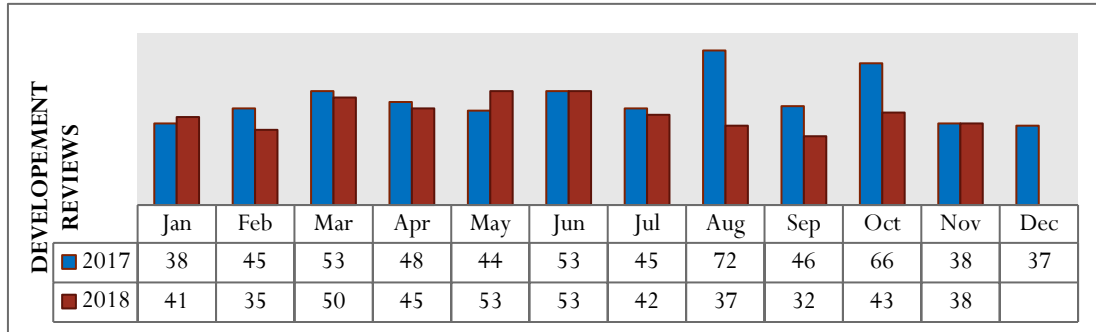
## 2019 Facilities Parking Lot Improvements

**Program** - The PMP team has begun working on the field reconnaissance for the

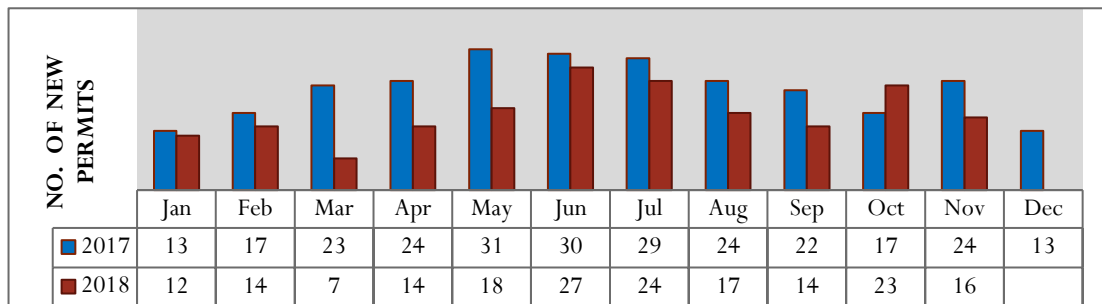
2019 Town Facility Parking Lot Improvements Program. This consists of the parking lots at the Crystal Valley Tank 15 site, Coachline Tank 17 site, Founders Village Park, and half of the Red Hawk Ridge Club House Parking lot. Changes in the proposed facilities may occur due to current evaluation taking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

## Development Review and Permitting

**Development Review** - Included in the 38 submittals are 16 first time applications with two pre-applications. All reviews were completed on or before the due date by the PW Development Services Team.

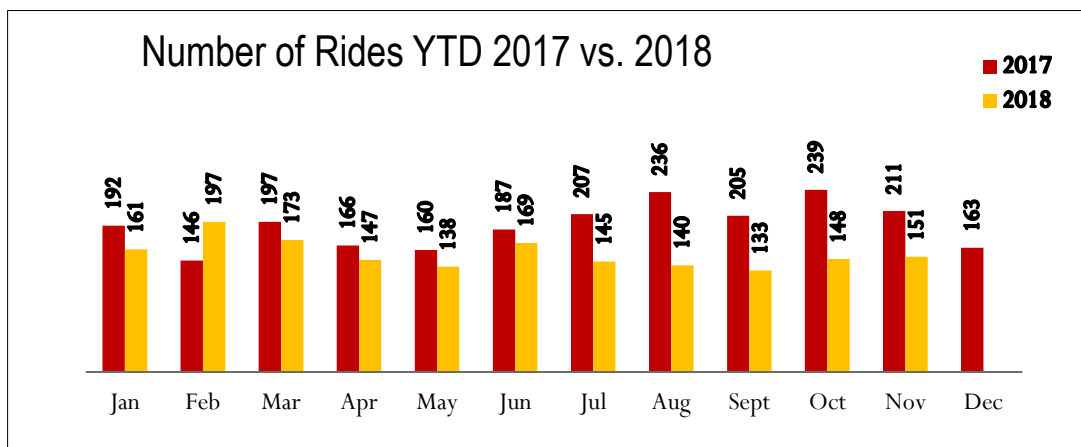


**Permitting** – Sixteen permits were issued.



## Transportation Division

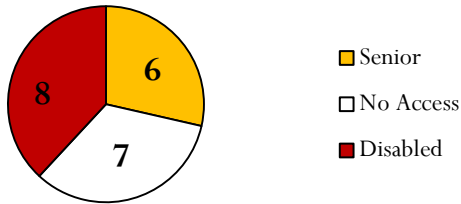
**Taxi Voucher** – For the month of November, the Taxi Voucher Program funded 151 rides, this was a 28% decrease from last November's total of 211 rides. Ridership this month is up from last month due to three new riders in the program needing rides to work throughout the week.



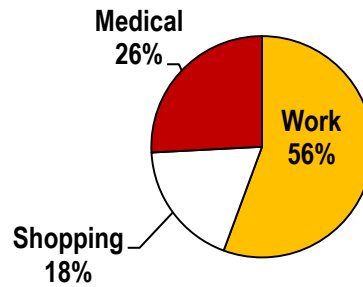


Rides are available for work, shopping or medical trips. Transportation services are provided for Castle Rock residents who are senior citizens, have a disability that prevents them from driving, or do not have access to a vehicle.

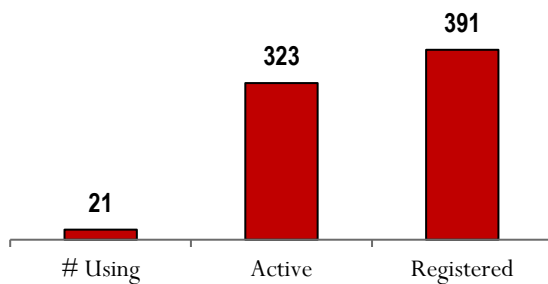
### Types of Riders Using the Service



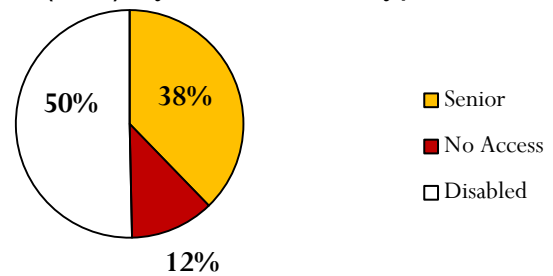
### Ride Destinations



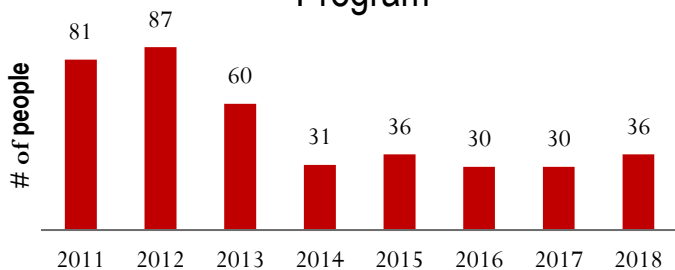
### Number of Riders Using the Service vs. Registered



### Percentage of the Total Rides (151) by Each Rider Type



### Number of People Registering for Program



There were three new registrants for the Taxi program this month. Since its inception, a total of 391 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 687 rides in the month of November which was a 6% decrease from last month's rides of 729. The volunteer driver program provides service Monday through Friday from 9 am to 3 pm.

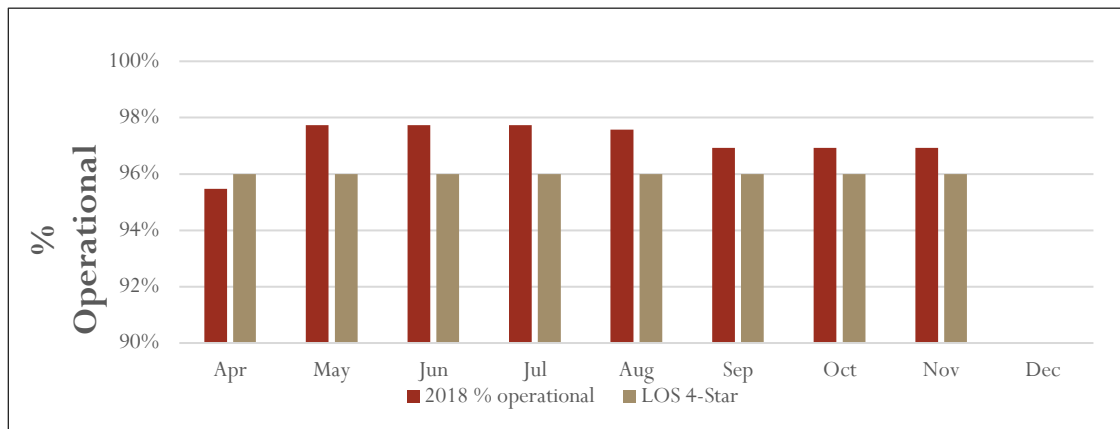


# Traffic Engineering & Operations

**Traffic Signal Operations and Maintenance** - In the month of November, staff addressed seven requests from the public related to traffic signal and intersection operations, safety, and maintenance. A total of 115 traffic signal maintenance visits were completed in November; staff making 75 of those visits and 40 were made by our signal maintenance contractor. All 40 Signal contractor visits were planned for through annual preventative maintenance checks. Staff planned maintenance visits included 47 visual inspections of each signalized intersection. Staff also performed signal maintenance tasks for six investigations, four replace parts, three signal-troubleshooting tasks, 12 special event signal intersection timings for Star Lighting and Black Friday shopping traffic operations, and four work zone activity signal intersection-timing changes. There were two emergency response tasks, a detector recall at Plum Creek Parkway and Plum Creek Boulevard, and signal failing to cycle at Sixth & Wilcox streets after dual emergency vehicle preemptions. The most frequently visited signals, at four times, included Plum Creek Parkway/Wilcox Street, Plum Creek Parkway/I-25 (SB), 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 November, 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.



**Street Signs and Pavement Marking Maintenance** - During the month of November, the crew accomplished installing 47 new signs with the majority of these for the new rectangular rapid flash beacons (RRFB) installed around Town, while replacing 14 signs that were due to be replaced. In addition, the crew fabricated 21 news signs, many of which were used as part of the RRFB project. Finally, the crew assisted with the deployment of the traffic control devices needed for the street closures associated with *Star Lighting*.



# Transportation Planning

## Neighborhood Traffic Calming Program (NTCP) Update

### ***New Inquiry Updates***

- Black Feather Trail: The homeowner has raised concerns regarding vehicle speeds on the roadway coming around the corner. The policy document along with the support petition has been sent to the homeowner.

### ***Previous Inquiries***

- Diamond Ridge Pkwy: Staff is awaiting the homeowner to return the initial support petition.
- Saddleback Drive: Staff will attempt to complete the final signing and striping in December, weather permitting.
- Echo Hollow Street: Staff has not heard from the HOA representative on how they would like to proceed. Educational and outreach efforts will be made available to the neighborhood should they decide to proceed.
- Morning View Lane: Staff still 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***

- Butterfield Crossing Drive: Staff observations continue on this roadway. A recommended striping and signing plan will be developed over the next few months for the roadway reconstruction project scheduled for next summer. Staff has developed the conceptual plan for the curb extensions at the midblock crosswalk in front of Meadow View Elementary.
- Auburn Drive: All “No Parking” signs have been installed with the exception of the property under development. These signs will be installed once the development is completed.

## Development Review

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



**Downtown Mobility Study** - Town staff, along with the Town’s consultant, held several stakeholder meetings during the month of November, including presentations to the Economic Development Committee, the Downtown Development Authority/Merchants Association, and the Chamber of Commerce. 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 period. A draft report is expected to be submitted for Town review in December. Final adoption of the plan by Town Council is currently scheduled for the month of February.

Some of the preliminary recommendations include;

1. Additional roundabouts at several downtown intersections, such as Wilcox/South streets, Fifth/Jerry streets, and Wilcox Street/Wolfensberger Road.
2. 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.



3. Complete gaps in the sidewalk system and look at widening sidewalks along certain streets, such as Jerry and Fifth streets.
4. 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 at certain crosswalks.
5. 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 sent a letter to CDOT staff asking for participation in the study. The Town is waiting for a reply.

**I-25/Crystal Valley Parkway – Tomah Road Paired Interchange Study** - Town staff has been working with the Town's consultant, Felsburg, Holt & Ullevig, to determine the maximum vehicular capacity of the paired interchange concept and a standard full diamond interchange as identified in the Crystal Valley Pkwy Environmental Assessment. This information will help assist Town staff in determining how much new development the interchange concepts can support as properties in the area develop.



**Future CDOT Bustang Stop** - Town staff met with CDOT, Douglas County and the developer of the Pine Canyon property in November. The continued discussion involved the three potential Bustang stops identified in the CDOT I-25 PEL study. The PEL study is developing pros and cons of each of the three stop locations. High level cost estimates will also be developed along with potential partnerships and cost responsibilities. At this time CDOT Division of Transit and Rail (DTR) is looking at short term and long term locations. All locations are still candidates for short and long term locations. Town staff will have the opportunity to comment on the report before it is finalized for the PEL.



**DRCOG Active Transportation Plan (ATP)** - Town staff has provided final review comments to DRCOG recommending several changes to the definitions of bicycle facilities and maps to accurately capture bike facilities in Castle Rock and the County.



**DRCOG 2021 – 2023 Transportation Improvement Program** - The Douglas County Sub-regional Committee or technical team did not meet in November. DRCOG Board did meet in November and recommended several projects for regional TIP funds. The only Douglas County submittal (I-25/Lincoln Avenue improvements) was not selected.

The projects selected for funding include the following:

1. SH-119 Bus Rapid Transit Enhancements
2. 16<sup>th</sup> Street Mall Rehabilitation
3. Peaks to Plains Trail in Jefferson County
4. High Plains Trail / Cherry Creek Trail in Arapahoe County
5. US-85 PEL Study
6. SH-7 Preliminary and Environmental Engineering
7. (2) RTD projects

In January 2019, the Douglas County Sub-Regional committee will issue a call-for-projects. The Town is putting together a list of potential projects for TIP funding.



## 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!

Work output for the month of November was 104 work orders completed and over \$60,000 of parts and labor were billed.

Two of our technicians were also recertified in the ASE blue seal program. **Chad Bednar** was recertified in electronic systems and engine performance. Chad has also maintained his master automotive certification. **Eric Dena** was recertified in medium duty trucks brakes and steering and suspension.



### Performance Benchmarks

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

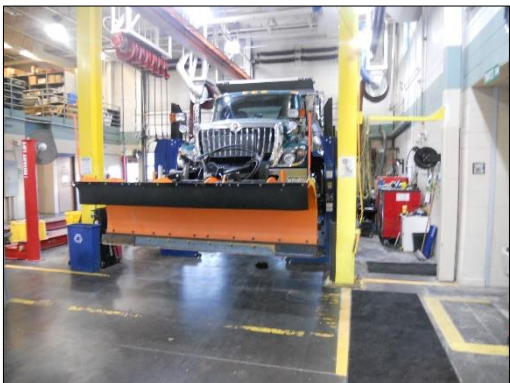
**Outcome:** Fleet team completed 83% of the work orders within 24-hours of opening repair requests or service requests. This benchmark number shows how quick the Fleet Services Division is working on vehicles to get them back on the road.

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

**Outcome:** Town vehicles and equipment were available 99.17% of the time. This is an **all time high** for fleet availability rate and represents that 99% of the Town vehicles and equipment were in service for the month of November!

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

**Outcome:** Technician productivity was 75.1%.



**Keeping the Snow Plows**

*On the Road*

**Town Trolley**

*Ready for Star Lighting*



PUBLIC WORKS DEPARTMENT

# Street Operations & Maintenance Division

During the month of **November**, the Street Operations & Maintenance Division (SO&MD) performed work in five (5) maintenance operations:

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

## Sweeping

Sweeping operations continued with **208.83 lane miles** of the Town having been swept for fall sweep and post storm sweeping operations. These operations resulted in **155 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 three snow events during the month. These resulted in roughly a total of 7 to 8 inches of snow and presented 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.

Crews also were present during the icing event that occurred during the *Star Lighting* celebrations.

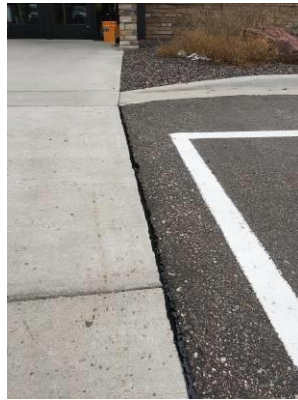


## Crack Seal Operations

Streets Crews have completed the Fall PMP portion of crack seal operations, finalizing operations on 65 miles of roadway in the West Meadows area. These operations enhance the lifespan and drivability of the road by preventing moisture and vegetation from undermining or cracking the



roadway. They also are carried out in support of other maintenance operations carried out by the Engineering such as, mastic and slurry Seal.



### Special Operations

Streets crews participated in the preparation of the *Star Lighting* event downtown by first sweeping and cleaning up the downtown area to ensure a clean appearance for the event. Then crews collaborated with Police and Fire departments to ensure the safety and assist in mitigating the ice that formed during the weather event that moved in.

New snowplow maps have been finalized; Public Works collaborates with Douglas County School District to redraw the school bus routes each year. This allows the SO&MD to target the bus routes to help keep them passable during snow events. Snow Operations training was also conducted at the Water Department facility, this will help reinforce and establish the methods the Town uses to carry out snow operations.



### Road Verge Operations

The Streets Division has been engaged in mowing, trash removal, and road shoulder maintenance operations throughout the month of November, weather permitting. Numerous washouts were discovered during mowing operations and approximately **14 tons of road base** were used to fill them up.



### Saying Goodbye

Streets crews also had to say goodbye to our Division Manager, mentor, and friend, Eric Lee. As most are aware, he passed in early October but his service was held in November. It was a truly somber experience as the Streets Division crews were joined in procession by the Castle Rock Public Works Department, Castle Rock Water Department, Castle Rock Parks Department, Castle Rock Police Department, and the Castle Rock Fire Department. Along the entire route were members of his Castle Rock family from every division and department as well as complete strangers who stopped and stepped out of their vehicles to pay respects.



### Looking Ahead

Looking to the month of **December**, we will continue our efforts to keep the Town's roadways clear as we continue townwide sweeping operations. There are also two significant asphalt patches being planned for December. New personnel from Streets and other Divisions and Departments will be trained to assist in the townwide snow plowing operations. Equipment maintenance and snow operations will be placed at the forefront of the divisional activities.