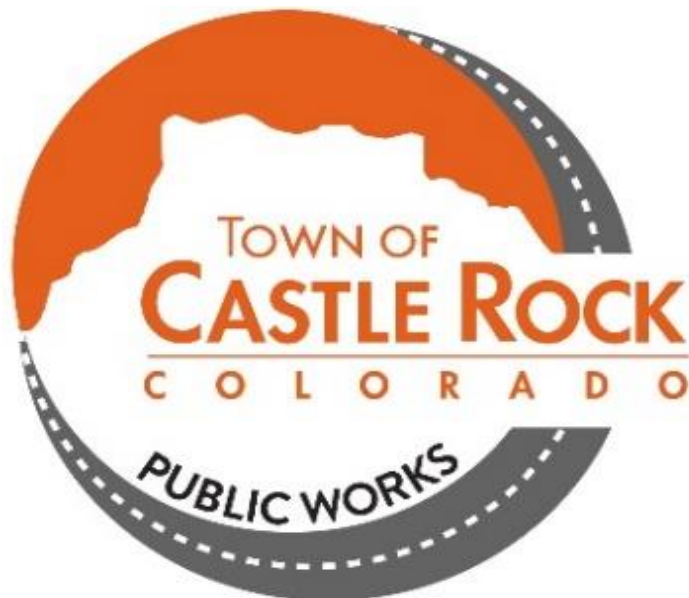


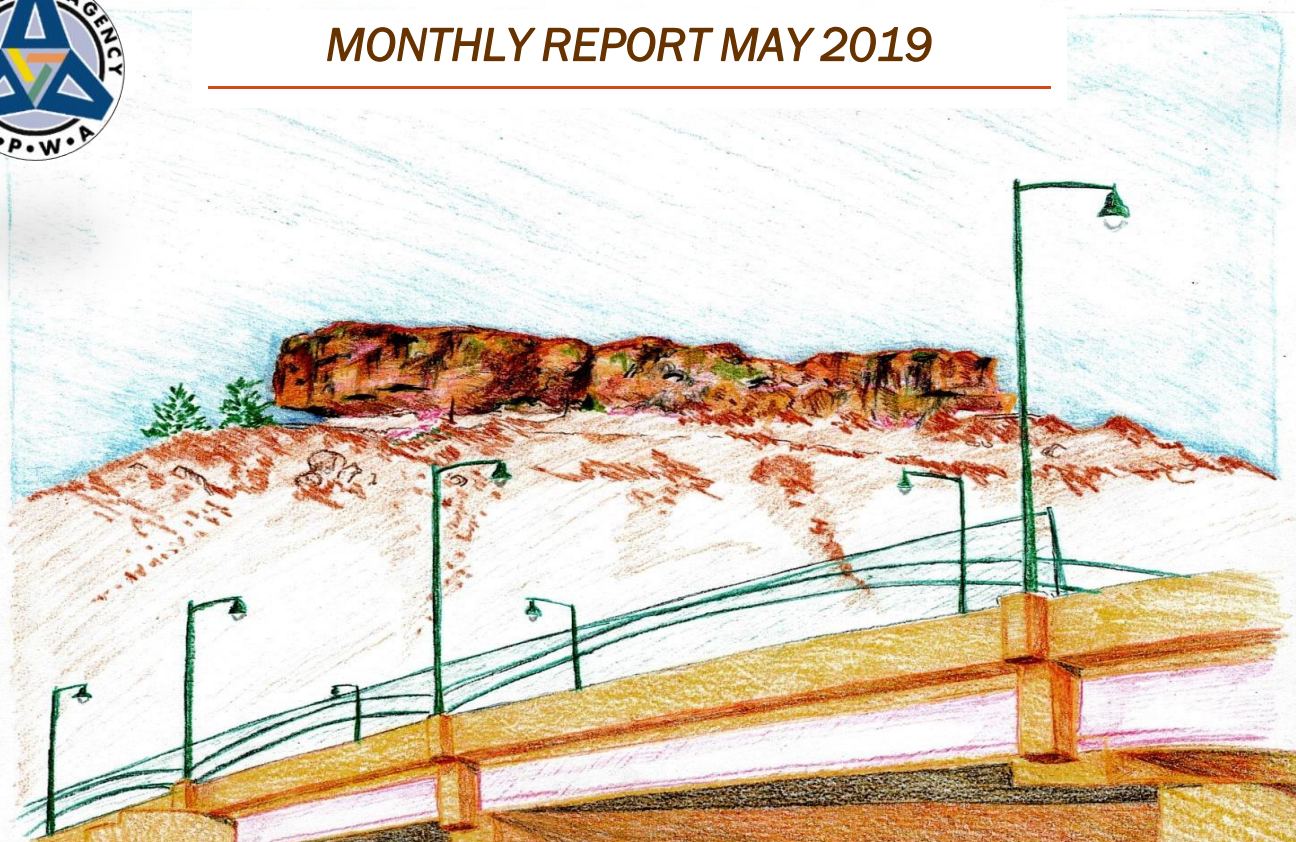


The Public Works Department operates under the CAN DO philosophy - We are committed to doing the job right with a positive attitude while staying dedicated to meeting the needs of our Town values and continually searching for opportunities to improve.

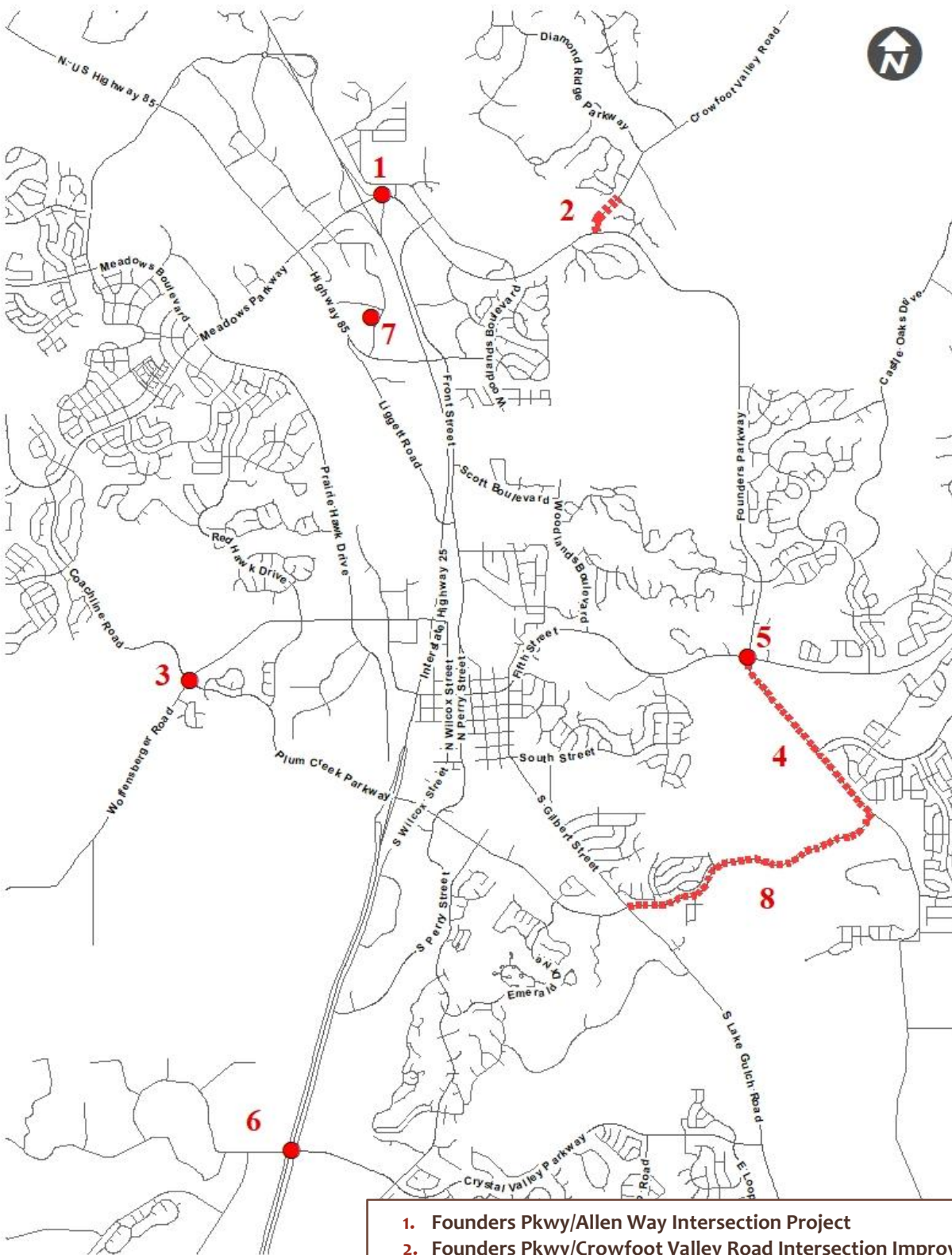
Our Mission: To provide outstanding service, safety and support for transportation infrastructure and maintenance.



MONTHLY REPORT MAY 2019



CAPITAL PROJECTS



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

1. **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:

- Town received concurrence to award the project to Noraa Concrete Construction Corp. from the Colorado Department of Transportation.

Budget: \$760,000 **Design Completion:** Complete **Construction Completion:** Fall 2019

2. **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: Constuction – Kimley-Horn is the design consultant for this project. The following is a summary of the design activities performed this month:

- The contractor has been working along the south side of Founders Pkwy: installing curb and gutter, and placing base course material in preparation for new asphalt pavement.
- The contractor has been working along the north side of Founders Pkwy, and at the NW corner of the Founders Pkwy and Crowfoot Valley Rd intersection, including removing trees, relocating fire hydrants and potholing to identify utility conflicts.
- The contractor has been working nights, the project experienced serval delays related to weather and is currently approx. two weeks behind schedule. The contractor is working on developing a revised schedule which would expedite work on Crowfoot Valley Rd. to help meet the original completion date.

Budget: \$3,550,000 **Construction Completion:** Winter 2019

3. **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 work on BMP's/ GESC
- Placed the final asphalt lift
- Started the final striping of the new roadway
- Placed sidewalk
- Started placement of topsoil

Budget: \$1.14M **Construction Completion:** Spring 2019

4. **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. 100% plans have been provided. Staff is working on requesting proposals to initiate the ROW acquisition, and utility relocation process. Staff is working with IREA to initiate agreements to have their facilities relocated. **Budget:** \$400,000 **Design Completion:** Spring 2019

5. **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 –
- Staff will find out if the Town will receive DRCOG funding in August of 2019. DCCOG Sub-Regional Committee has recommended award.
 - Project will be designed per Federal requirements/standards if awarded funding.

Budget: \$340,000 **Design Completion:** Pending award

6. **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
- Appraisal Services
 - Town awarded a Services Agreement with Kilty & Company and Hegarty & Gerken, Inc. for the Crystal Valley Interchange Appraisal Services.
 - Acquisition Services
 - Continued working on Notice of Interest letters

Budget: Development Escrow **ROW Completion:** Fall 2019

7. **Public Works Facility Expansion** – This project consists of the addition and renovation of the Service Center building. **Phase:** Construction - Summary:

Mark Young, the general contractor for the Public Works Addition/Renovation had made great progress during the month of April. Work has continued on both the new phases of the addition which include; 1. The addition of two new fleet service bays on the north side of the existing building and 2. New office space on the south side of the existing building.

Fleet Service Bays:

The most noticeable progress can be seen on the north side of the building where the new fleet service bays have begun the steel erection. The red iron commenced erection mid-month and will serve as the “bones” of the building. This structure will also support the bridge crane which will be mounted inside the structure.

Office Addition:

The concrete slab-on-grade for the office addition was also placed in the month of May. This was completed in one monolithic placement and now awaits the arrival of structural steel.

Misc.:

Electrical work in the main electrical entrance room was also being performed, as was site work on the north side of the building which will help to add additional parking and block heaters for the plow trucks.

Upcoming Activities:

During the month of June, the sheathing on the fleet service bays will be hung and the site work will also continue. The structural steel on the south side of the building will be erected and the steel decking will be installed. Shortly thereafter, the exterior framing will commence. **Budget:** \$4,960,349 **Construction Finish:** Spring 2020

8. **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 working on the Widening of Plum Creek Pkwy from Eaton St. to Ridge Road design package.
 - Continued development of construction plans
- Continued finalizing the Roundabouts and Widening of Plum Creek Pkwy from Gilbert St. to Eaton St. plans and bid documents as listed below:
 - Finalized legal descriptions for ROW and easements on Phase 1
 - Obtained property appraisals and prepared notice of intent letters to property owners
 - Completed the design of the final storm sewer and water quality pond
 - Continued the development of the project specifications
 - Continued on the overall design
- Drainage design package
 - Addressed 90% Submittal comments and broke out separate Storm Drainage Construction Plan package for bidding this fall.
 - Evaluated the storm drainage alignment for interim conditions
 - Continued on overall design

Budget: \$794,375 **Design & ROW Completion:** Summer 2019

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 April, staff with IT and the camera vendor continued trouble shooting the remaining cameras not responding and identified the issue that will be resolved in early May. The only cameras not reporting video back to the Service Center are located at emergency signals near fire stations where network connectivity is in process by IT. Camera installation, including becoming operational with video feeds to the Service Center, will be completed in early 2019. This portion of the phase 3 project is on budget and awaiting final installation at some locations.

In April, we continued collecting historic travel time data from all the Bluetooth devices. CDOT COTrip managers have scheduled the Castle Rock portion to go live on May 7 pending the CDOT contractor's production schedule. This will provide the ability for the Town to share the travel time info to the public via web page and with CDOT's COTrip information service. A speed map is available through this link, <https://speedmap.crgov.com>. This phase of the project installation is complete and within budget.

A continuation of the phase 3 project is being undertaken with the incorporation of Automated Traffic Signal Performance Measures (ATSPM). A proof of concept project using advanced detection and high-resolution data acquisition and analysis of signal operations has been implemented for improved system

maintenance, operation, and optimization. Staff is using ATSPMs along the Plum Creek Parkway corridor between Emerald and I-25, and at other problematic intersections. The Town's Strategic Plan from 2015 recommended signal system detection improvements that provided this type of information along key corridors. The use of ATSPMs meet this documented need and more, by providing a better understanding of system operation and maintenance needs and is helping us better serve our stakeholders in a cost effective manner.

In April, the SQL database migration was completed with IT to a larger server. Staff also placed traffic counters at intersection approaches to verify reliability of advanced and stop bar counting technology. This will continue into early May. We are now collecting SPM data that will be used for a retiming project of this corridor in May to help identify the capability of SPM technologies.

Budget: \$520,000 **Construction Completion:** Spring 2019



2018 Rectangular Rapid Flashing Beacon (RRFB) Project – RRFBs consist of a pedestrian activated yellow strobe light which notifies drivers that a pedestrian is at or with in the crosswalk. They have proven to be an effective means of enhancing pedestrian safety. Staff continued 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 April, in conjunction with Police and Community Relations, we advised on a safety video series that aids in instructing drivers and pedestrians how to use these crossings. The videos can be seen here, crosswalk Safety – Episode 1 <https://youtu.be/r5lKeUPudUs>, and Crosswalk Safety – Episode 2 https://youtu.be/HQL_1w94Daw. The plan is to time the release around May the 4th with a Star Wars movie theme. Application of pedestrian crossing striping was on hold until weather allowed. Striping began in late April and is planned to be complete at all locations in early May. The project is on budget and schedule for timely completion in the Spring 2019. **Budget:** \$35,900 **Construction Completion:** Spring 2019

2019 Intersection Signalization Construction Projects – In April, Town Council approved a construction contract with Sturgeon Electric for 2019 Signal Construction at two intersections. These intersections include, Meadows Boulevard and Future Street and the reconstruction of the Factory Shops Boulevard and New Memphis Court span wire signal. Notice of Award and Notice to Proceed have been given to Sturgeon with a construction start date of May 6 and a target completion date of July 31. Long lead time items being procured by staff remain on time for construction. Town staff had a field coordination meeting with IREA for street light removals and power source installation in advance of the project. Staff met with Sturgeon Electric in the field to confirm pole locations. Sturgeon will be potholing for underground utilities prior to boring and drilling caissons. Staff also made contact with neighboring property owners to coordinate signal equipment installation around their access and landscaping areas. Construction will begin in earnest in May with full operation in the late Summer and punch-list items completed by Fall. This project is currently on time and on budget. **Budget:** \$667,000 **Construction Completion:** Fall 2019

2019 Illuminated Street Name Sign Project – Beginning when roadway and signal improvements were made at Plum Creek Parkway and Wilcox Street in 2016, illuminated street name signs have been incorporated into new signalized intersection construction projects and in 2019 staff will begin installing illuminated street name signs at priority intersections along the major “ring” road that loops around the Town of Castle Rock. In April, a purchase order was submitted for procurement of Gades illuminated street name signs. The signs have a 4-6 week lead time for delivery in early



June. The locations in 2019 included Factory Shops Blvd and New Memphis Court, and Meadows Blvd. and Future Street. In



addition, the plan is for signs to be placed at I-25 northbound and southbound off-ramps and Meadows/Founders Parkway, and ahead of planned scheduled date at I-25 and Plum Creek Parkway. This project is on schedule for completion in 2019 and under budget. **Budget:** \$55,000 **Completion:** End of 2019



Engineering Division

2019 Pavement Maintenance Program (PMP) The 2019 PMP will focus its efforts in the West PMP area with additional work taking place on primary streets (Meadows Boulevard, Wolfenberger Rd., Butterfield Crossing, Foothills Dr., Cherokee Dr., & Morning View Dr.).

Sidewalk, curb and gutter repairs continue throughout the West PMP area. The residents within the West PMP area were notified via letters as well as the use of variable message boards, that repair and maintenance work was to begin. Work progresses through the residential areas on schedule and is on track to wrap up in June.



In general, work will progress through the West PMP area in a clockwise manner, starting in an area off Cherokee Drive. The Town's contractors will be preparing the streets to receive slurry seal, crack seal and mastic as well as asphalt patching and slurry. Asphalt patching is scheduled to begin in early June and run through the month. The asphalt slurry seal will follow in July.

Butterfield Crossing was closed between Meadows Lark Drive to the entrance to Meadow View elementary school. Work has progressed, with the removal of the existing deteriorated concrete pavement in phase 5. Bottom mat paving in phase 5 was completed May 14. Contractor began concrete pavement removals in phase 2&3.



Full Depth Reclamation concrete repair work is complete and the reclaiming of the asphalt began May 13. The work started in phase 1 and will move to phase 2 the week of May 20, weather depending.



Morningview Drive between Meadows Blvd. and Foothills Drive is now complete. Work consisted of concrete curb, gutter and sidewalk repair, removal of concrete pavement and new asphalt paving and striping. Work was completed on May 18th.

2019 Facilities Parking Lot Improvements Program - This contract will see needed improvements to three parking lots at Town Parks, and one Parking lot in the Downtown area as follows:

- Crystal Valley Tank
- Coachline Tank
- Red Hawk Golf Course (South half)
- Founders Park (Asphalt and Concrete sections)

Work is schedule to begin in August and continue through September.

2019 Bridge Maintenance Program (BMP) - The contractor continues to work on the Perry Street Bridge this month. Contractor was able to complete the concrete repairs and place the decorative concrete on the west side. Contractor has moved to the east side and have begun removals. Once work is completed on this bridge, they will move operations to the Flyover Bridge on Front Street.

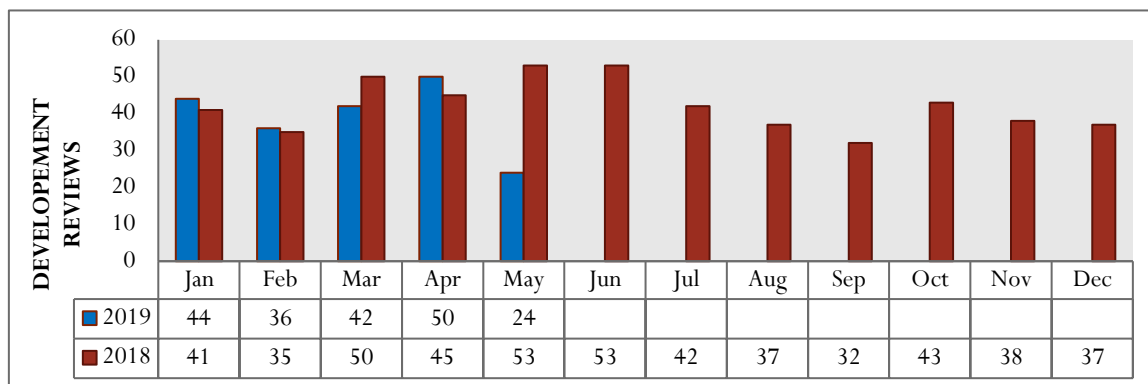


Bridge Painting

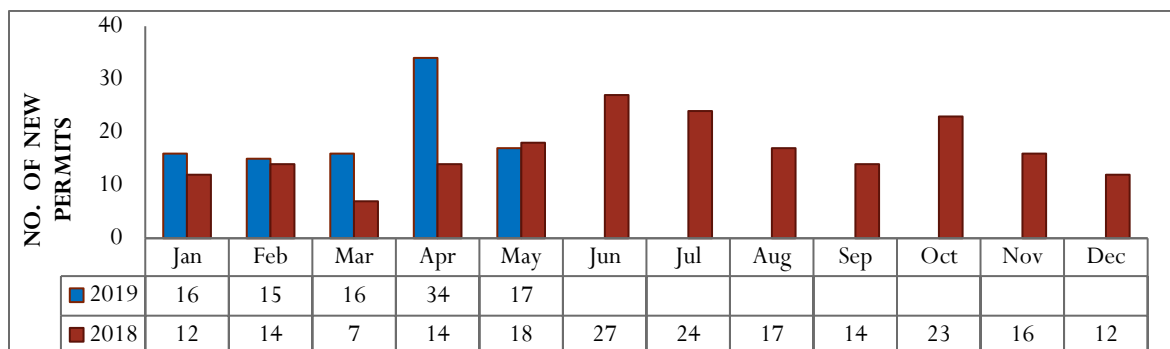
- TBD

Development Review and Permitting

Development Review - Included in the 50 submittals are 21 first time applications with 4 pre-applications. All reviews were completed on or before the due date by the PW Development Services Team.

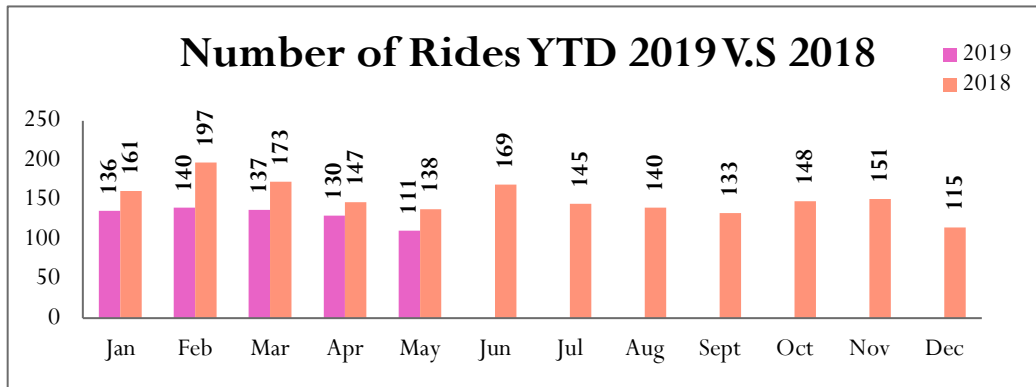


Permitting – 17 right-of-way permits were issued.

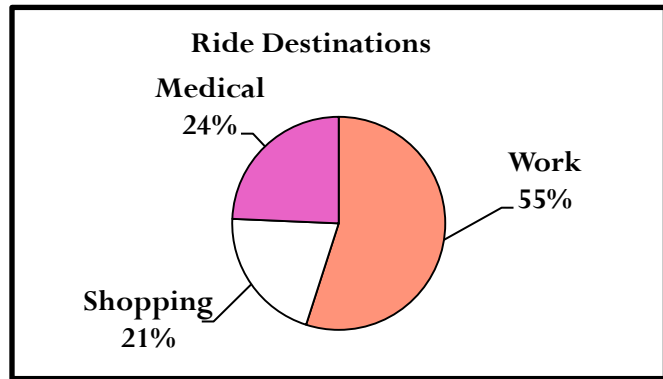
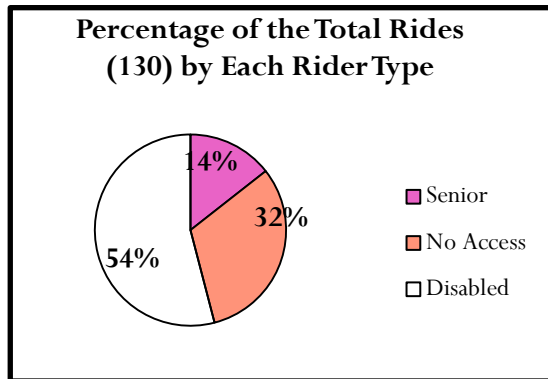


Transportation Division

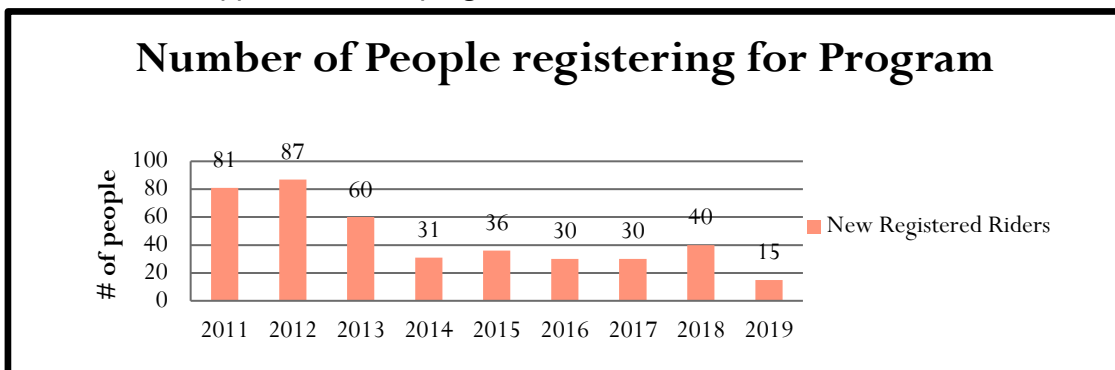
Taxi Voucher – For the month of May, the Taxi Voucher Program funded 111 rides; this was an 20% decrease from last May's total of 138 rides. Ridership this month is slightly down from last month.



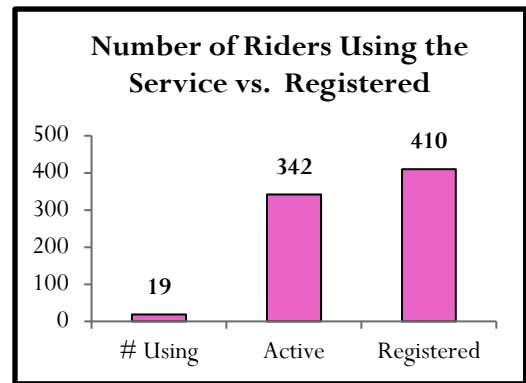
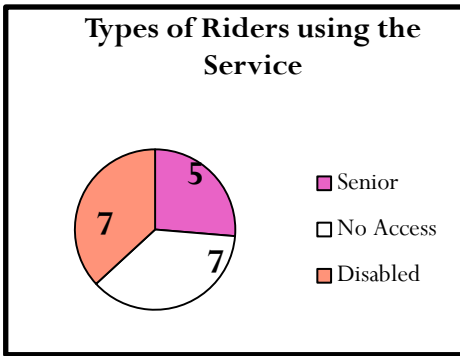
Rides are available for work, shopping or medical trips. This month 55% of the rides were for work, 21% were for Grocery Shopping Trips, and 24% for medical appointments.



There were no new registrants for the Taxi program this month. Since its inception, 410 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.



Transportation Services are provided for Castle Rock citizens who cannot drive, have a disability that prevents them from driving, or do not have access to a vehicle. In May, 19 individuals used the Town's Taxi service.



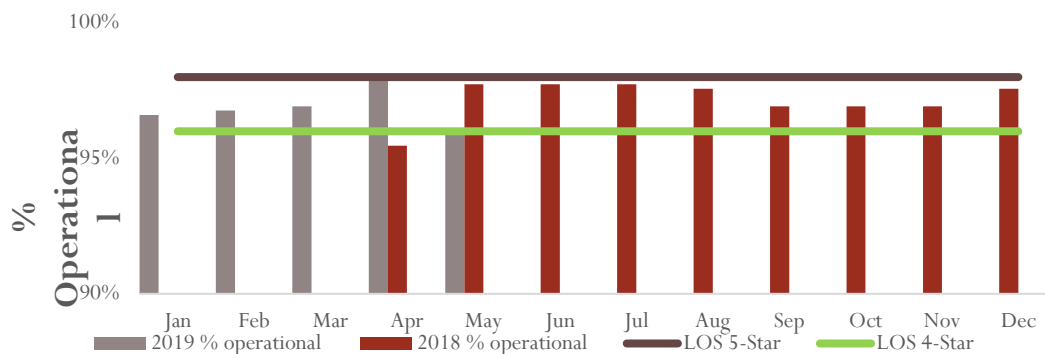
Senior Activity Center Shuttle — The Senior Activity Center provided 797 rides in the month of May, which was a 2.5% increase from last month's rides of 777. The volunteer driver program provides service Monday through Friday from 9 am to 3 pm.

Traffic Engineering & Operations

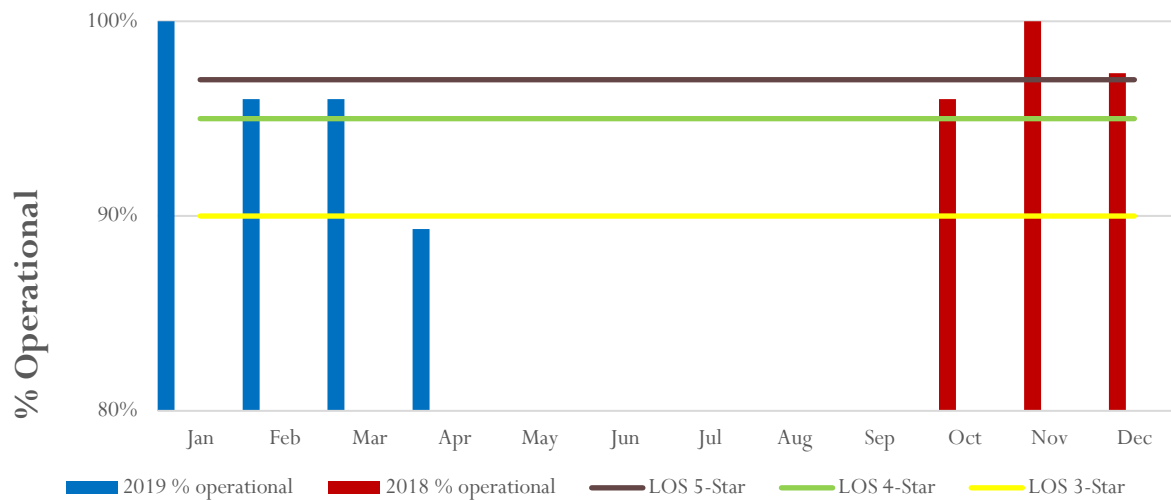
Traffic Signal Operations In the month of May, staff addressed seven requests from the public related to traffic safety and signal operation. A total of 118 traffic signal maintenance tasks were completed in May. Routine maintenance visits included 99 inspections of signalized intersection operations both "windshield", and 2nd quarter preventative maintenance activities. Town staff made 14 response tasks and five were made by our signal maintenance contractor. Response tasks included two emergency response tasks, 11 non-emergency tasks, and six timing modifications on Plum Creek Parkway for a Town event. The emergency response tasks included one flash operation at Plum Creek and I-25 Northbound ramp, and one dark signal operation at Plum Creek Pkwy and Gilbert Street. The most non-routine visited signal at three times is Plum Creek Pkwy and Gilbert, two signals were visited two times, including Plum Creek Pkwy and I-25 NB, and Promenade Pkwy & Factory Shops Blvd.



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 and off during the day). In the month of May, approximately 96% of these street lights were operational. This operational level is a four of five-star rating in the department's infrastructure report card rating system.



Beacon Operations - The Town owned and operated beacons: school zone flashers, pedestrian rapid flashing, yellow flasher, and stop sign red flasher are inspected on a monthly basis with regard to the total percentage that are operational. In the month of May, one observation of pedestrian beacons not operating as intended was found and seven instances of school beacons not operating as intended were found, therefore May's operational status is at 89%. This operational level is on the threshold between two and three out of a five-star rating in the department's infrastructure report card rating system.



Street Signs and Pavement Marking Maintenance During the month of May the crew accomplished a total of 448 Tasks. One-hundred fifty-eight of these tasks were related to windshield inspections of RRFBs, markings and signage. Roughly 152 tasks were related to the fabrication, repair/replace, install, investigate or maintenance tasks associated with signs. Twenty of these tasks were related to clearing utility locate requests and eight tasks were associated to traffic counts.

Special Events season officially kicked off with the Tri the Rock Event where the crew worked the event with the setup and take down of the traffic control devices. The crew has also started providing devices for Town contracted weekend events resulting in 16 tasks for the month.

During the month, the team finished organizing cold storage while also cleaning the paint machines in preparation for the upcoming summer paint season. Paint season for our crew will start in early June. The first round of long line painting is almost complete with the contractor starting stop bars and crosswalks at signalized intersections here in the next couple of weeks.

Finally, the sign technicians did a FANTASTIC job of creating Bob Goebel's retirement sign for his 17 years of service to the Town of Castle Rock.



Transportation Planning

Neighborhood Traffic Calming Program (NTCP) Update

New Inquiries in April

There was one new traffic calming inquiry in May. Homeowners in the Crystal Valley Ranch neighborhood asked the Town to look into speeding concerns along Echo Hollow Street. Town staff informed the homeowners that the Town conducted a speed study on the same street last October and the speed did not meet the minimum threshold to qualify for the traffic calming program. The recorded 85th percentile speed was 24 mph. The minimum speed to qualify is 30 mph. Homeowners were informed that the street will be eligible for a new study one year after the last study was conducted, according to the Town's NTCP policy. In the meantime, the Town has provided the homeowners with traffic calming yard signs intended to educate and inform motorists of the speeding concern.

Previous Inquiries

- **Diamond Ridge Pkwy:** Town staff met with neighborhood representatives in May to discuss the results of the traffic study. The 85th percentile speed of 40 mph was shared with them. In accordance with Town policy, the next step is to conduct a neighborhood meeting to determine if the neighborhood wants to pursue the NTCP. This meeting is set to occur in early June.
- **North Meadows Drive:** Phase 1 of the NTCP is currently in process. The neighborhood was provided educational yard signs and enforcement has increased along the roadway. Radar feedback signs have been used in the past and will also be used at various times during Phase 1. The speed will be reassessed at the end of the four months to determine if speeding is still a problem. If the 85th percentile speed is reduced below the program's qualifying speed of 30 mph, then the project will be considered complete. However, if the 85th percentile speed is still above 30 mph, then the project moves into Phase 2 and will start to look at physical changes to the roadway

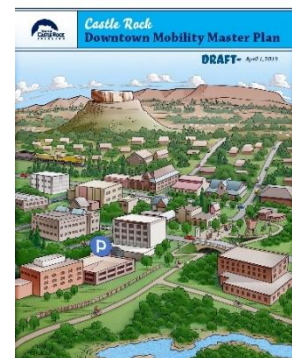
Development Review

Staff reviewed and commented on three transportation impact studies, one plat, and one Douglas County referral. All reviews were completed on time.

Downtown Mobility Master Plan –

The draft DMMP was presented to the Public Works Commission on May 6, 2019. The purpose of the meeting was to have the Commission give a recommendation of the plan to Town Council.

During the meeting, there were several questions discussed on intersection Level Of Service (LOS), the potential of redevelopment to the shopping center in south Downtown, and how the proposed projects would be implemented. It was explained that all projects would need to be prioritized with other transportation needs throughout the entire Town as part of the annual budget process. Furthermore, some of the transportation projects would need additional evaluation based on their benefit to cost ratio. For example, a roundabout may be needed to improve LOS but only for a small number of turning vehicles, while the majority of vehicles experience a higher LOS. The shopping center area on the plan in south Downtown was identified for improved circulation and access should the properties redevelop. Other than the Town's capital improvement program, projects could be implemented as part of a redevelopment, grant funding, or through public/private partnerships. Staff also discussed the draft vision and principals, results of the community survey, desired transportation improvements, and how people utilize Downtown. Commissioners voted unanimously to recommend approval of the plan to Town Council.



Future CDOT Bustang Stop –

Town staff met briefly with the Miller's Landing development team and representatives from CDOT's Bustang and high speed rail division. The topic of discussion centered around potential transit oriented development (TOD) opportunities around the Miller's Landing project. It is unsure if additional meetings will occur, but staff is continuing to work with CDOT on locating a Bustang stop in Castle Rock within the next few years.

DRCOG 2021 – 2023 Transportation Improvement Program –

The DRCOG Transportation Advisory Committee (TAC) voted unanimously to recommend approval of the 2020-2023 TIP regional and sub-regional project lists. The 10 previous projects identified for Douglas County are included in the recommendation, including the SH-86/5th Street and Founders Pkwy/Ridge Road intersection. The Town of Castle Rock is recommended for \$4.225 million of DRCOG funds to design and construct the intersection improvements. Additionally, the two Castle Rock projects ranked first and second on the waiting list were also part of the recommendation for approval. The next step for the TIP project list is to go through the public comment period and final adoption by the DRCOG Board in August. As soon as the TIP is approved the project can begin the design and right-of-way (ROW) acquisition if the federal funding comes in as DRCOG anticipates.

Bike to Work Day:

Town staff has been planning and conducting outreach efforts for this year's Bike to Work Day. Sponsors have been identified and the event is being marketed with the help of Community Relations. A number of prizes and food have been donated by various businesses, agencies, and departments around Town, which should make for a memorable event and raffle. The event will be held on June 26th from 6:30 am to 9 am in Festival Park.



Downtown Bike Parking:

Town staff was informed by the Colorado Department of Public Health and Environment (CDPHE) that our grant application to install downtown bike racks was approved. The Town will be awarded roughly \$2,250 to install bike racks throughout downtown. CDPHE received grant applications totaling over \$67,000 in funding requests for only \$15,000 in available funds. The grant application did not require a local match from the Town. Public Works along with Development Services, the Police Department and the Downtown Development Authority have been working together to identify where to install the bike racks.



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, almost all of them have to rely on their Town issued vehicles to keep up the first class service that we provide to the citizens of Castle Rock. Here at the Fleet Division we take great pride in knowing that those vehicles are reliable and safe to operate.

Fleet Services Division was kept very busy in May 2019. Repairing and maintaining Town vehicles and equipment. Other activities included selling used vehicles and putting new vehicles into service. Fleet auctioned off four vehicles in May and netted the Town \$22,000. We also were able to put into service

four trucks for the Water Department, Two trailers for the Parks Department and one Chevrolet Tahoe for the Fire Department. For Public Works week the Fleet Division participated in a social media story for Instagram working with the Community Relations Department. Work orders completed were 140 which is higher than our average of 105 a month. The Fleet Division billed out \$78,000 of parts and labor. The Fleet finished 80% of our work orders in the first 24-hours of being reported which was above our benchmark of 75% being done in the first 24-hours. Vehicle availability for the month was very good at 98.5% which is above our benchmark of 95%. Technician productivity was also above our benchmark at 84.7%. The Fleet Division welcomed our newest employee Shane Clever who is our new Parts & Supply Specialist. Shane will be working mainly in the parts department helping with the increasing workload.



New trailer for Parks Dept.

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

Outcome: Fleet team completed 80% of the work orders within 24-hours of opening repair requests or service requests. This benchmark number shows how quick the Fleet Division is working on vehicles to get them back on the road.

Objective/Benchmark: Town vehicles and equipment were available 97.7% of the time.

Outcome: Town vehicles and equipment were available 98.5% of the time. This high fleet availability rate means that Town vehicles and equipment are ready when they are called upon to perform.

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

Outcome: Technician productivity was 84.7%. This was well above our benchmark of 70% compared to the standard set by the American Public Works Association (APWA).

Street Operations & Maintenance Division

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

- Snow & Ice Control
- Asphalt Patching
- Vegetation Control
- Street Sweeping
- Pothole Patching

Snow & Ice Control

May gave us a very heavy spring snow shower that brought 7.5 inches of snow. This was four inches more than forecast. Streets crew responded to the event and kept the roads passable through the morning and by the early evening most of the roadways were drying out. The Plow crews demonstrated a high degree of flexibility and determination in responding to this snow event.



Asphalt Patching

Streets Crews worked to Patch numerous large potholes and roadway imperfections. Using 22.85 tons of hot mix asphalt crews worked on numerous large projects during a week of night operations. Most of these focused on the two roundabouts along Ridge Road in Founders, The Outlet Mall, and a few in the Meadows area.

Street Sweeping

Streets Division crews completed the Spring Sweep event cleaning up 504 lane miles of roadway during the month. Removing over 180 cubic yards of material from the roadways. The Spring Sweep event looks to clean up the town after a winter's worth of salt, sand, leaves, and various other materials clutter up the roadways.



Pothole Patching

Pothole patching operations are continuing with crews using hot mix asphalt, over 6 tons of cold mix asphalt, and 720 pounds of concrete mix to fill hundreds of potholes throughout town. The freeze thaw cycles this past winter and the variable weather experienced in the month of May are continuing to open up potholes along nearly every roadway. Crews are working diligently to stay on top of the potholes and working with the Engineering Division to schedule larger road repairs where pothole patches would not be effective.

Vegetation Control

In spite of the variable weather, crews were able to undertake some much needed weed control and mowing operations. The large amount of precipitation received during the month, both rain and snow, has resulted in lots of vegetation along the road verge areas in town. Crews carried out vegetation control over 32.62 edge line miles of roadway in an effort to control weed growth and enhance the beauty as well as the safety of the town roadways. Crews also worked to clear roadways of downed trees and branches subsequent to the heavy snowfall during the storm. In one case actually cutting the tree up to clear the roadway during the plowing operations.



Looking Ahead

Looking ahead into the month of June, Crews will begin the maintenance phase of crack seal operations now the threat of snow seems to have passed. Road shoulder repair, and vegetation control are also planned for the month.