



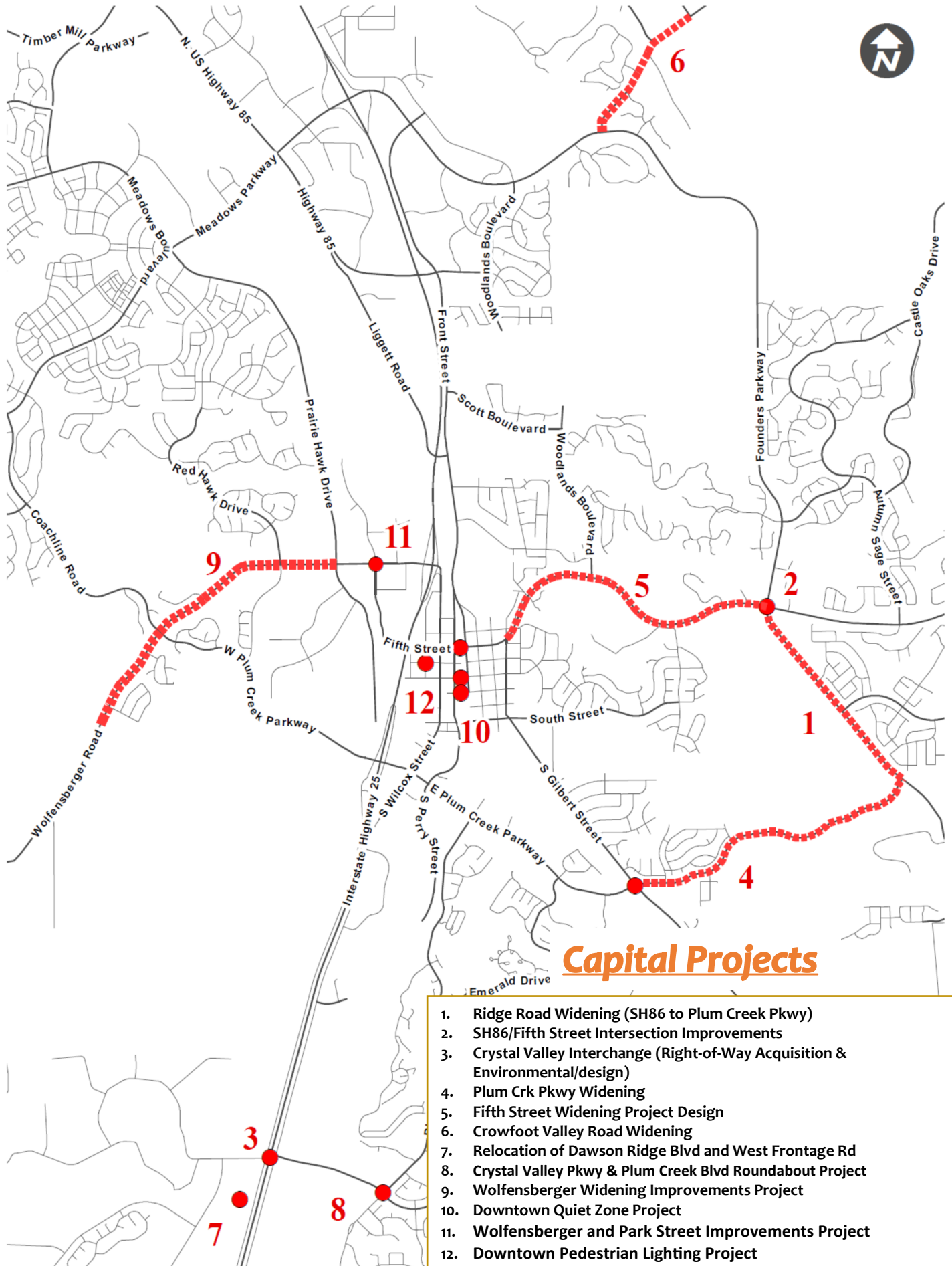
# Monthly Report

April 2023

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.

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





1. **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: Construction**

- Continue to maintain TESC BMPs
- Continue grading for sidewalk
- Continue grading for roadway prep
- Continue surveying
- Installed caissons for traffic signal poles

**Budget:** \$5,225,000

**ROW Acquisition:** Complete

**Targeted Construction Completion:** Summer 2023

2. **Founders Parkway (SH86)/Fifth Street Intersection “Four Corners” Improvements** – With new traffic studies submitted, the consultant will investigate multiple alternatives to address safety concerns and capacity issues at the intersection. Improvements under evaluation include:

- Intersection will remain a full movement four-way intersection. Additional turn lanes and acceleration lanes will be added.
- Traffic signal improvements will be made to incorporate the larger intersection.
- Pedestrian and bicycle improvements will be constructed on all four sides of the project.
- Stormwater detention and water quality improvements will be constructed to capture the additional surface volume from the new intersection.

**Phase:** Design— David Evans & Associates (DEA) is the design consultant for this project. The following is a summary of the activities performed this month:

- Stormwater Maintenance IGA being completed and sent for Town signature
- Lien on Haddad property was released and has since been closed and acquired
- Awaiting response from GKT Properties to complete closing documents and provide closing date. Have had little to no response from GKT staff over the last few months.
- Will be asking CDOT for extension on ROW reimbursement due to GKT’s non-responsiveness
- All clearance packages have been completed and will be forwarded to FHWA for approval once Stormwater IGA is executed

**Budget:** \$1,275,676, with DRCOG Grant Reimbursement

**\*Targeted Construction Completion:** Winter 2023-2024

3. **Crystal Valley Interchange – Pre-construction Activities** – The purpose of this project is to achieve acquisition of remaining right-of-way, complete design, and set aside future project funding allowing potential funding partnerships to assist with advancing construction.

**Phase:** Right-of Way Acquisition

- Westside of I-25 – The Town has sent the Notice of Intent (NOI) and offers to Westside Investments for the

parcels they acquired. The Town’s legal team is communicating with the owner of the remaining parcel, Douglas County Development Company. The Town is also exploring a ROW swap with Westside Investments for a portion of the existing Territorial Road, and it is anticipated the parcels will be acquired prior to start of construction on CVI Package 2 in late 2023.

- Eastside of I-25 – Town received the Hyperion appraisal, and has sent the NOI and offer to the owner. Town’s legal team is scheduled to approach Council with a request to move forward with condemnation at the May 2 meeting. The Town’s legal team is communicating with the owner of the remaining parcel, Douglas County Development Company. Depositions are scheduled for Town staff in early May for the Boone condemnation.

**Phase –Design:** - Interchange Access Request and Environmental Assessment Reevaluation, and Design

- 90% design plans for package 1 submitted for staff review
- Waiting to receive final direction from CDOT on the TDM strategies
- System Level Study has been submitted to staff for review and comments
- CMGC contractor submitted the CAP for package 1, Town staff is in final negotiation with the contractor
- CMGC contractor submitted a budgetary cost for package 2
- Design firm continues working on design for package 2, this included the new request for a single point merge on I-25
- Environmental/NEPA – working with Army Corps for jurisdictional determination. The Army Corps submitted they determination for the 404 permit to the EPA. Project team is waiting to hear back from EPA.
- Maintenance IGA with CDOT for package 1 has been reviewed by the Town and commented submitted to CDOT. CDOT is reviewing
- Douglas County’s IGA – Town staff is anticipating to receive IGA for review by 4/28

**Budget:** \$6,500,000, and Development Escrow

**Design Completion:** Summer 2023

**Targeted Construction Completion:** Winter 2025

4. **Plum Creek Parkway Widening Phase 2** – This project will implement the Transportation Master Plan’s identified improvements for this corridor. The addition of the remaining two lanes of the master planned four-lane roadway on Plum Creek Parkway between Eaton Street and Ridge Road. Not only will it include the addition of 2 lanes, but also bicycle and pedestrian multi use lanes. It will also include roundabout modifications at Ridge Road.

**Phase 2: Plum Creek Pkwy Widening (Eaton to Ridge): Construction** – The following is a summary of design activities performed this month:

- Completed the installation of the block retaining wall
- Continue the maintenance of erosion control
- Continued the grading for sidewalks

- Continued installation of sidewalks
- Prepared for curb and gutter
- Worked on MHT for the roundabout at Ridge Road and Plum Creek intersection
- Continued roadway prep

**Budget:** \$7,530,000

**Targeted Construction Completion:** Fall 2023

5. **Fifth Street Widening Project Design** – Fifth Street is a major arterial connecting local and regional travel between the easterly portions of Town and I-25. Roadway and pedestrian improvements for Fifth Street have been identified within the 2017 Transportation Master Plan (TMP) that will maintain adequate capacity and ensure efficient road network connections for future development.

The Fifth Street Widening project will complete all design elements for implementation of the full build-out transportation network from South Gilbert Street to Ridge Road as identified in the TMP. The improvements include:

- Widen to 4-lanes from Woodlands Boulevard to Ridge Road
- Add on-street bike lanes between Gilbert Street and Ridge Road
- Add sidewalks from Sixth Street to Ridge Road
- Roundabout and signal light construction at Woodlands Boulevard and Valley Drive respectively.

**Phase:** Design

- Completed 90%/FOR design
- Completed right of way mapping and property descriptions for property interests
- Right of way plans with legal descriptions and exhibits have been submitted to CDOT
- Prepared eminent domain ordinance materials for future Town Council authorization
- Executed service agreement amendment to address additional design scope needed to complete design as requested by stakeholders and leadership for ultimate design

**Budget:** \$1,500,000

**Design Completion:** June 2023

**Right-of-way acquisition:** Fall 2023

**\*Targeted Construction Completion:** 2024-2025

6. **Crowfoot Valley Road Widening** – Crowfoot Valley Road will be widened between the Knobcone Drive and Macanta Blvd. Currently, this section of Crowfoot Valley Road is a two lane transition section of asphalt roadway with portions in the Town of Castle Rock and in Douglas County. Recent improvements have been completed at both ends of this project along Crowfoot Valley Road, and the intent of this project is to complete improvements to the “gap” between these improvements. The proposed roadway will be a four-lane section, including painted median/turn lanes, with bike lanes in both directions.

**Phase:** Design—Procurement activities to retain design consultant ongoing

- Funding agreement with Douglas County has been developed to obtain \$1,706,000 in funds to complete the project design and construction
- Staff completed evaluation of proposals and prepared a service agreement to complete project design
- Continue coordination and planning efforts across Town departments to progress jurisdictional cleanup of the project corridor (annexations)

**Budget:** \$810,000

**ROW Acquisition:** Late 2023

**Design Completion:** Fall 2023

**\*Targeted Construction Completion:** Early 2025

7. **Relocation of Dawson Ridge Blvd and West Frontage Rd** – The purpose of this project is to relocate the I-25 West Frontage Rd to the west of the BNSF Railroad tracks to provide access to the surrounding neighborhoods and residents after the Crystal Valley Interchange is complete.

**Phase:** Design – CORE Consultants is the design consultant for this project. The following is a summary of the activities performed this month:

- Value engineering conducted and changes were applied
- 100% plans are in review with the Town
- Town continues to explore coordinating management of the Town’s portion of Dawson Trails Blvd construction with Westside Investments to gain efficiencies and cost savings

**Budget:** \$299,000

**Design Completion:** Summer 2023

**Targeted Construction Completion:** Summer of 2025 in conjunction with Crystal Valley Interchange

8. **Crystal Valley Pkwy & Plum Creek Blvd Roundabout Project** This intersection is a major arterial currently controlled by stop signs in two directions. As the traffic volumes increase and with ongoing residential development and future construction of the new Crystal Valley Interchange, this existing traffic control will not be the most efficient and could contribute toward increased accidents. This project will accomplish the design of a two lane roundabout intersection in order to improve the traffic capacity of the intersection, help to manage speeds along Crystal Valley Parkway, and to accommodate the growth in traffic that is expected to increase once the Crystal Valley Intersection has been constructed. This project is scheduled to be designed by June, 2022, bid in June, 2022, and constructed by Summer 2023.

**Phase – Construction**

- Continued importing borrow material
- Started the installation of storm drain pipe and structures
- Completed removal curb gutter sidewalk and asphalt for phase one construction
- Started roadway fill
- CORE continued the relocation of utilities

**Budget:** \$3,500,000

**Targeted Construction Completion:** Fall 2023



- 9. Wolfensberger Widening Improvements Project-** Wolfensberger Road is a major arterial connection for local and regional travel between the westerly portions of Town and I-25. Roadway and pedestrian improvements for Wolfensberger have been identified within the 2017 Transportation Master Plan (TMP) that will maintain adequate capacity and ensure efficient road network connections for future development.

The Wolfensberger Widening Improvements Project will complete all design elements for the implementation of the full build out transportation network from the western Town limits to Prairie Hawk Drive.

- Widening roadway to a full 4-lane arterial section
- Addition of sidewalk along both sides of Wolfensberger
- Roundabout construction at Red Hawk/Auburn and Wolfensberger Intersection
- Removal of existing traffic signal
- Storm water drainage improvements
- Implementation of on street bike lanes West/East bound

**Phase:** Planning/Design

- Ongoing design work with adjacent developers to accommodate and incorporate their ingress/egress into project design
- Design efforts to utilize existing Town property for stormwater improvements ongoing
- Utility coordination meetings with CORE and CRW ongoing
- All permanent, temporary and ROW takes have been identified and exhibits and legal descriptions have been drafted. Notice of intent letters have been drafted for all affected properties
- 30% design submittal was received on March 28
- 30% design review meeting is set for May 9
- Project design will be stopped after 30% due to budget constraints
- Design close out tentatively scheduled for early June
- ROW acquisitions may continue upon direction from management

**Budget:** \$2,500,000

**Design Completion:** October 2023

**Right of Way Acquisition:** 2023

**\*Targeted Construction Completion:** 2024

- 10. Downtown Quiet Zone Project** - This project is to implement a quiet zone through the downtown Castle Rock area. In order to implement the quiet zone, improvements must be constructed at three railway crossings: Second Street, Third Street and Fifth Street. The scope of the improvements to be constructed with this project include: additional crossing gates, pedestrian crossing improvements, ADA improvements, sign and marking improvements, curb and gutter additions and general railroad (Union Pacific or UP) coordination. The benefits of this project will be improved safety for vehicles and pedestrians and improved quality of life for downtown businesses, residents and patrons.

**Phase:** Construction - The following is a summary of activities performed this month:

- Completed Town performed scope of work including new sidewalks, curb & gutter, and asphalt patching
- Project team is working to have Union Pacific try and move their gate installation date to spring/summer vs. December timeframe they gave

**Budget:** \$1,800,000

**Targeted Construction Completion:** Spring 2023

- 11. Wolfensberger and Park Street Improvements Project-** Wolfensberger Road is a major arterial connection for local and regional travel between the westerly portions of Town and I-25. Roadway and pedestrian improvements for Wolfensberger and Park Street have been identified to increase intersection operations and provide better pedestrian access to the Downtown area.

The Wolfensberger and Park Street Improvements Project will complete all design elements for the implementation of pedestrian and transportation improvements.

- Relocate traffic signal pole
- Increase sidewalk width
- Replace existing ADA ramps
- Construct additional turn lane on Park Street

**Phase- Planning/Design**

- Utility coordination meetings with CORE and Comcast ongoing
- 50% design was submitted in March
- Design team is revising/addressing all comments and progressing the plan set
- 90% plans were delivered on 4/26
- ROW and easement acquisition is progressing with Western States
- Construction tentatively scheduled for later July or Early August
- Conflicting utilities found during SUE and being relocated now to prevent delays in construction

**Budget:** \$600,000

**Design Completion:** April 2023

**Right of Way Acquisition:** April-May 2023

**\*Target Construction Completed:** July 2023

- 12. Downtown Pedestrian Lighting Project**—In 2019 the Town was awarded a grant to fund safety improvements in the Downtown area. The grant is to be used to provide improvements to existing areas with known safety issues. The Town has identified various areas in the Downtown area that are not properly lit to Town standards. The Town will work to design and construct additional lighting in areas that currently do not meet our criteria to ensure safe traveling corridors for pedestrians and motorists in the downtown area.

Elements that will be included in this project are:

- Photometric Analysis of the downtown area
- Identify locations where additional lighting is needed
- Design and construct necessary facilities to provide power to lighting locations

**Phase - Planning/Design**

- Currently in the process of selecting a design consultant
- Scoping meeting with CDOT staff on 4/27/2023

- Design will commence in June
- Project will focus heavily on photometric and SUE investigations

**Budget:** \$600,000

**Design Completion:** November 2023

**Right of Way Acquisition:** N/A

**\*Targeted Construction Completion:** December 2023

*\*These are subject to change based on adjusted revenue forecasts and results of bids received for CVI and the Four Corners Intersection projects.*

**Traffic Signal System Upgrades** – This project is a multi-year signal system upgrade project that began in 2015 and is ongoing as funds are available. The project has included proven technology advances at signalized intersections, for our daily operations, and for communications between the center and each intersection.

- Staff is a part of the CDOT managed, adaptive signal system project that has implemented adaptive signal timing on Founders Parkway, and Meadows Parkway, and Factory Shops Boulevard. Eight abutting Town signals are included in the system. In April, the Kadence system was continuing to be monitored for successful operation. Traffic speeds continue to be faster than normal with the system operating. Kimley-Horn and CDOT continue to work quickly to resolve any issues that arise. Acceptance and before & after performance metrics are being collected.
- Phase II of the Town's ATSPM project includes software development and signal timing. ATSPM dashboard is in testing and will continue until final acceptance is complete. Consultant has been asked to update the Signal System Management Plan to incorporate these performance metrics.
- The Town is awaiting a draft IGA from CDOT, outlining scope and schedule, before procuring the Connected Vehicle hardware (10 roadside units, 10 onboard units). Once executed this two-year project will kick off in earnest. The Town's project scope focuses on messaging intersection safety and driver awareness of operations and maintenance at high crash locations.
- DRCOG released information for grant funding for Fiscal Year(s) 2024-2027 TIP Set-Aside which includes \$16M for capital investments in Regional Transportation Operations & Technology (traffic signals and ITS). Staff is shortlisting potential opportunities. Letters of Interest are due by May 19.

**Budget:** \$868,700

**Construction Completion:** End of year 2024

**2023 Safety Projects** – This project includes concrete safety devices in conjunction with the Pavement Maintenance Program, installation of pedestrian crossing beacons at four locations, Intelligent Transportation System on Meadows Blvd to warn drivers of signal changes, intersection safety improvements, and missing sidewalk connections.

- Staff is working with the DMA regarding proposed inter-

section safety improvements at 4<sup>th</sup> and Jerry to include in the contract work for KRM Concrete to complete.

- The public feedback regarding the Valley Drive improvements has been reviewed. The public preference was overwhelming for a raised crosswalk on the north side of the South St. intersection. A summary of the recommendation and proposed next steps is being circulated.

**Budget:** \$410,000

**Construction Completion:** Winter 2023

**Illuminated Street Name Signs** – 2023 illuminated street name signs have begun the planning and purchase order process for four locations throughout the Town budget depending, including: Founders Pkwy and Copper Cloud, Founders Pkwy and Ridge Road (Four Corners), Wolfensberger and Park St, and Wolfensberger and Caprice.

- Staff is working with our maintenance contractor to connect the Meadows Pkwy and Hwy 85 power feed for two remaining unlit signs.
- 2022 illuminated street name signs have arrived and are currently being prepared for installation at five locations across Town, including: Plum Creek Pkwy and Plum Creek Blvd, Plum Creek Pkwy and Perry St, Founders Pkwy and Front St, Wilcox St and I-25 northbound, and Wolfensberger and I-25 southbound.
- 2023 signs have been ordered and staff is awaiting delivery.

**2022 Budget:** \$39,105

**Construction Completion:** Spring 2023

**2023 Budget:** \$60,000

**Construction Completion:** Winter 2023

**Rectangular Rapid Flashing Beacons (RRFB)** – Town staff has determined six locations to install RRFBs for 2023. The RRFBs will be installed in locations in which they are the most effective and beneficial to the traveling public. Supplemental pedestrian refuges are being recommended for three of the locations. Equipment delivery expected at the end of June.

**2023 Total Safety Budget:** \$90,000

**Targeted Construction Completion:** Summer 2023

# Engineering Division

## 2023 Pavement Maintenance Program (PMP)

The 2023 PMP will focus its efforts in the East PMP areas along with work taking place on several primary streets: (Second Street, Fourth Street, Mikelson Blvd., and Woodlands Blvd.). A section of Mikelson Blvd., as well as certain residential neighborhood streets, will see reconstruction this year.

### Sidewalk, Curb and Gutter

Sidewalk, curb and gutter repairs kicked off April 24 with saw cutting operations. The residents & businesses within the East PMP area were notified via letters as well as the use of variable message boards, that repair and maintenance work was to begin.

Work began in the area #3; Appleton Way, Lantern Trail, and Cascade Ave, and will progress through the East PMP regional area in a clockwise manner. This year, damaged sidewalk curb and gutter will be addressed in four (4) separate areas. The Town's contractors will be preparing the streets to receive slurry seal, crack seal and mastic as well as asphalt patching. Sidewalk, curb and gutter repairs are expected to run through June 12. Asphalt patching and crack seal are scheduled to begin in mid-June and run through July. The asphalt slurry seal will follow July 5, after the holiday.



### Asphalt Overlay

Asphalt Overlay Project began construction April 3, with concrete and asphalt repairs on Lantern Circle, Lost Canyon Ranch Road and Killen Ave. The crews spent the first week here before moving onto other areas in a counter clockwise fashion. Concrete repairs and asphalt patching will continue for several weeks, followed by asphalt milling and overlay operation beginning May.



### Full Depth Reclamation

Full Depth Reclamation concrete repair work started on April 17. The work started in area #3, Aspen Ave, Spruce Ave, Sandpiper Ave. The contractor removed and replaced damaged sections of sidewalk, curb and gutter. Concrete repairs are expected to continue the rest of this month. Reclaiming operations are scheduled to begin in May.



### 2023 Facilities Parking Lot Improvements Program

This year's maintenance program will see needed improvement made to nine (9) parking lots from various Town departments. These parking lots will see various improvements such as curb, gutter & sidewalk replacement, asphalt mill and overlay, asphalt patching, slurry seal and seal coat.

Parking lots that are scheduled include the following:

Founder's Fire Station #153	Gemstone Park Parking Lot
Prairie Hawk Fire Station #154	Ray Waterman Treatment Plant
Wrangler Park Parking Lot	Founder's Treatment Plant
Weaver II Well Field	Bison Park Parking Lot
Butterfield Park (Concrete off Meadows Blvd)	

Work is scheduled to begin September 5, and be completed by November 3.

### 2023 Bridge Maintenance Program (BMP)

Staff has secured a service agreement with BASIS Partners to provide technical support for the Bridge Maintenance Program. The bridge identified for necessary repairs is the Castle Rock Parkway Bridge over Hwy 85.

Project is expected to go out for competitive bids in July, with construction beginning in August. Repairs consist of mainte-



nance to the bridge deck and ramps. Maintenance activities include; cleaning of bridge deck and ramp surfaces, application of sealant product, clean and seal expansion joints. Map of this bridge is below.

## Development Division

### Review and Permitting

**Development Review** - All 33 reviews were completed. No late reviews this month.

**Permitting & Inspection** – 30 right-of-way permits were issued.



# Transportation Planning & Traffic Engineering Division

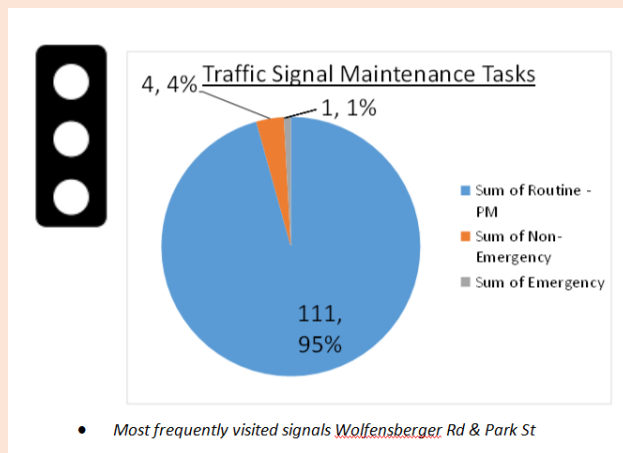
## Taxi Voucher Program

For the month of April, the Taxi Voucher Program funded 145 rides; which is a 40% increase to last year's April total of 103 but a 10% decrease from last month's total rides. 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 April, 24 individuals used the Taxi service. Of those individuals, 74% of the rides were for work, 19% for shopping trips, and 7% for medical appointments. Sixty-four rides were provided for people without access to a vehicle, 35 rides to seniors, and 46 rides to disabled riders.

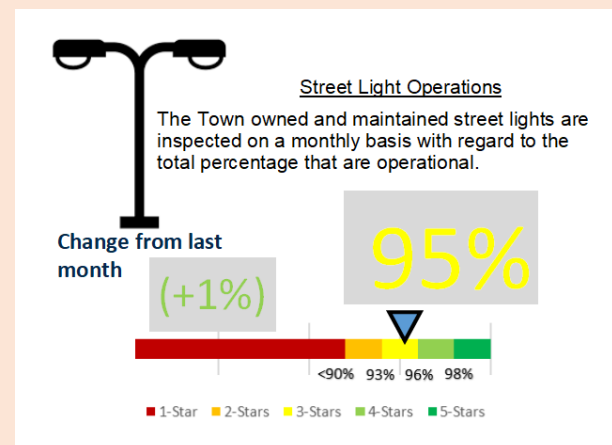
The Castle Rock Senior Center provided 608 rides in April.

## Traffic Engineering and Operations

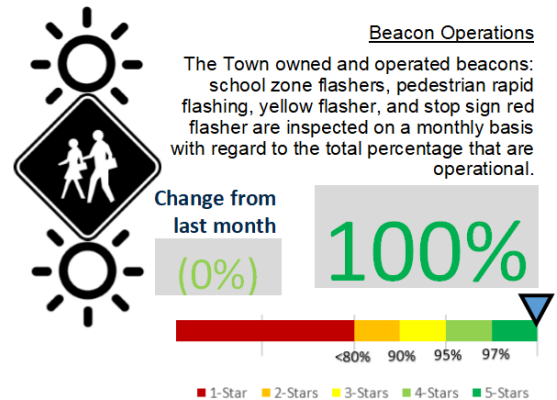
### Traffic Signal Operations and Maintenance



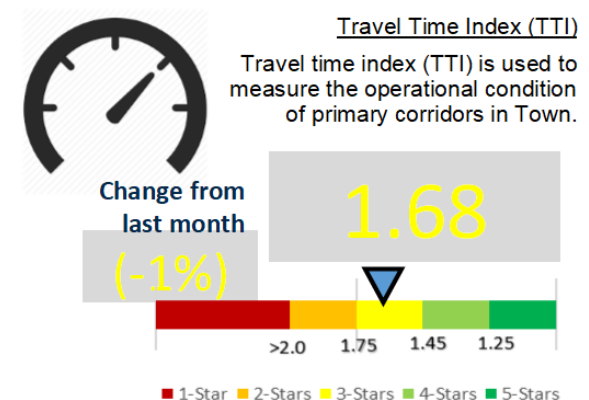
### Street Light Operations



## Beacon



## Operations



## Street Signs and Pavement Marking Maintenance

For the month of April, the team completed 484 tasks. Of these tasks, 194 of them were sign work activities related to fabrication, install, repairs, replacements, inspections and investigations. We had 238 beacon related tasks, including windshield inspections, and repairs. There were four marking related inspection and replacement tasks. Other tasks included 19 projects, including one locate, one core drill task, one liquor license posting, and 26 administrative tasks.

## Transportation Planning

### Castle Rock Downtown Wayfinding Sign Plan:

The public and project technical team has reviewed the list of possible destinations. The list will consist of destinations for vehicular signs, bike and pedestrian signs, and walking signs for the final report. The consultant provided four conceptual sign designs to the technical team for their review that will be revised into two sign designs for the public review and comment in May. A presentation was provided to the Downtown Alliance in April and a presentation is scheduled with the Chamber of Commerce for May.



### Neighborhood Traffic Calming Program (NTCP):

The NTCP exists to verify and address quality of life items associated with vehicular traffic on local neighborhood streets and certain residential collector roadways. One new inquiry was received in April for Ash Street in Founders. A speed and volume study will be scheduled in May. The neighborhood point of contact for Valley Drive was contacted and provided two options on how she would like to proceed with the Valley Drive traffic calming project. Staff is awaiting her decision. The neighborhood point of contact for N. Meadows Drive will also be given the two options on how he would like to proceed with the traffic calming project. The two options are based on the recent Council amendments to the program, or proceed under the old program since the applications were submitted prior to the amendments.

### DRCOG Transportation Improvement Program (TIP) & Federal Grant Applications:

The Crystal Valley Interchange (CVI) TIP grant application was unanimously recommended for approval by the DRCOG Transportation Advisory Committee (TAC) on April 24. The TAC voted to approve \$8.5 million for the CVI project. The DRCOG Board is expected to make a motion on the 2024-2027 TIP in July. If approved the funds will be available in FY 2024. The Town also received news that Senator Hickenlooper's proposal for Congressional Discretionary Funds will include \$2.5 million for the CVI project. This does not guarantee funding for CVI because the bill still needs to get congressional approval and approval by the President. These funds will also be available in FY 2024.

## Fleet Services

The Fleet Services Division had a busy month performing repair activities and managing vehicle additions and replacements. Below is a snap shot of the Fleet Division activities this past month.

### KPI's

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

- Outcome: Fleet Availability was 98%.

Objective/Benchmark: Complete at least 75% of our work orders within 48-hours of coming to shop.

- Outcome: Fleet team completed 71% of the work orders within 48-hours of opening repair requests or service requests.

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

- Outcome: Technician productivity was 65%.

### Productivity

Our technicians continue to produce at high levels to keep the town moving. The overall fleet availability for all departments was 98%. We completed 115 work orders that had 136 job lines for 97 vehicles and equipment. Fifty five were preventative maintenance work orders. We issued 373 lines item parts mostly from our inventory. 10,194 gallons of fuel was dispensed. Fuel cost dropped to 2.69 per gallon for unleaded and \$3.28 per gallon for diesel. The support activities that go into providing the needed tools, equipment and supplies for the shop is critical to our success. Continued supply chain disruptions have made it more difficult to source these items but our team has worked hard to minimize delays.



### Shop Operations and Management

A number of projects are in the works to help fleet provide the best customer service for the town and the be more efficient. The Fleet Advisory Committee met again this month. The topic of discussion was risk management and accident reporting. Stefanie Raph from the Legal Department attended and provide guidance for the committee. The group discussion was very helpful in identifying potential options for our current GPS capabilities and raised questions about camera use in vehicles and how current policies regarding their use. Fleet is preparing 7 units for auction with more equipment scheduled for auction this summer. One unit was sold this month. Fleet uses Faster Web for our Maintenance Management software. We are working with IT to fix software update issues to keep our system cur-



rent. The Parts division is working to remove obsolete inventory and replace with new inventory. Our vendors have been very helpful in giving the town credits.

### **New and Replacement Vehicles**

Fleet has seen some movement of vehicle orders in late April. Five new vehicles and equipment were put in-service in April. Another 13 new vehicles starting arriving with nine of them being the Ford F150 Hybrid truck. These trucks will be used by a variety of departments and we should be able to get a good sample size of fuel cost savings that they may bring. One of the vehicles is for the build of the Fire Department brush truck to be put into service at the new fire station. Three are replacement utility trucks for Traffic and Facilities Maintenance. We continue to experience delays with non-electric/hybrid vehicles.



### **Look Ahead Items:**

Four new F150 crew cab trucks are scheduled for delivery in June. The two wheeled loaders approved by Council in February are also scheduled to arrive in June. There are no production updates from the manufacture for nine 2023 police vehicles. The 2024 budget process is in high gear. Fleet has meet with all departments about their vehicle replacements and additions wish list. The initial list of vehicles is significantly less than 2023. Cost estimates are being developed for these vehicles. A high number of vehicle replacements originally scheduled for 2024 were pushed out several years to extend the life of those vehicles. Fleet is also seeing significant cost increases of adding equipment to the new vehicles. The team has been working hard to establish standard vehicle specifications to standardize our fleet to help control these cost. We will use this information to look at in house upfit options and use for bid purposes.

# Street Operations & Maintenance Division

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

- \*Crack Seal Operations
- \*Pothole Repair
- \*Training
- \*Street Sweeping
- \*Road Verge Maintenance

### **Crack Seal Operations**

PMP maintenance crack seal operations have begun. Currently the crew is working in the North PMP region which encompasses Sapphire Point, Diamond Ridge, and Castle Oaks. The crew completed 8.18 lane mile of roadway utilizing 495 labor hours, and 58,200 pounds of material.

### **Street Sweeping**

Spring sweep operations have begun. These operations entail the cleaning of sidewalks and ADA ramps of salt and sand from the snow season prior to sweeping the street. The purpose of the operation is to give the entire Town a clean sweep for spring and remove the salt and sand from winter operations. The crew dedicated 362 hours to clean over 319 lane miles of roadway.

### **Pothole Repair**

The crews have worked diligently to stay on top of potholes this season, spending 238 hours inspecting roads, and repairing concrete and asphalt potholes throughout Town. The crews used 960 pounds of concrete patch and 2,250 pounds of asphalt cold mix to repair the equivalent of 1070 potholes. Many of these repairs are temporary and have been scheduled for permanent fix with hot mix asphalt when the vendor plants open for the season.

### **Road Verge Maintenance**

The crews worked to maintain the road verge and shoulders in Town. In all 55 hours were needed to repair 1.42 miles of road shoulder, and trash pick up required 97 hours to remove trash off of 46 lane miles of roadway.

### **Training**

The crews used 211 hours for various trainings within the division, most notably the crew attended Traffic Control Technician training through ATTSA. This will ensure a much higher knowledge base for traffic control and greater adherence to MUTCD protocols to enhance safety in work zones.

### **Looking Ahead**

Operations for May include finishing the Spring Sweep, beginning the bi-monthly downtown sweeping operations. Asphalt patching season is also beginning with the plants ramping up production. In addition to this, crack seal operations are in full swing and will likely proceed through the month.