

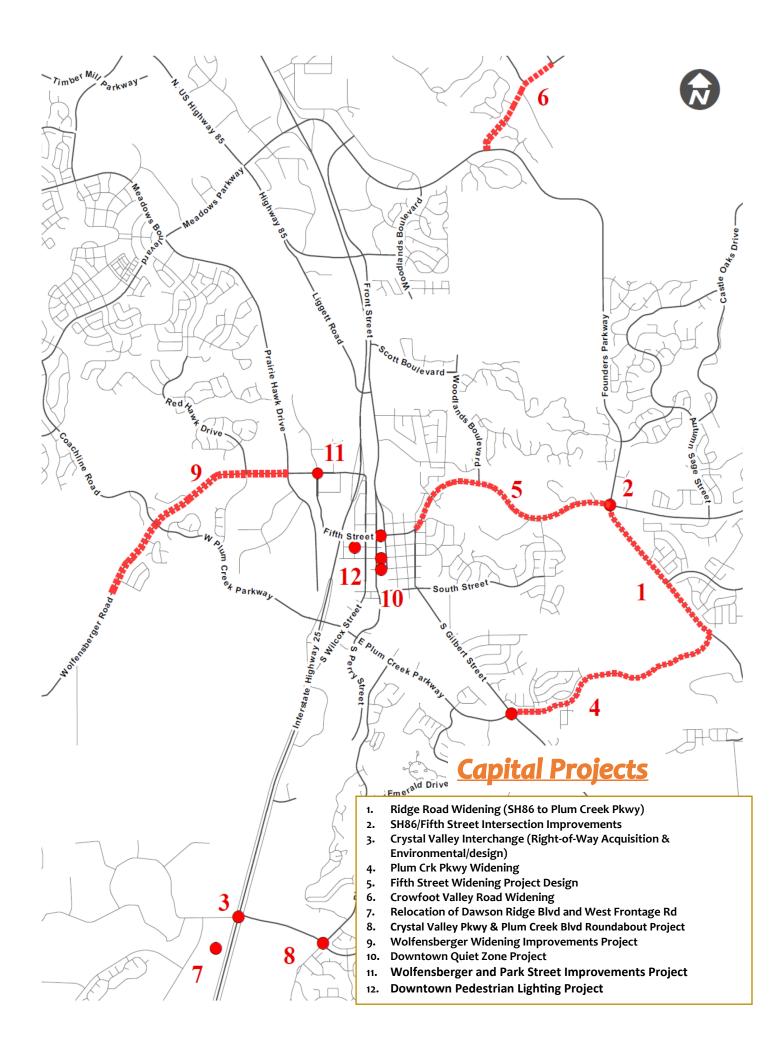


# Monthly Report August 2023

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.





 <u>Ridge Road Widening</u> – 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**

- Placed additional asphalt on northern section
- Continued cement treated subgrade (CTS) work
- Complete half the median colored concrete

Budget: \$5,225,000 total funding ROW Acquisition: Complete Targeted Construction Completion: Fall 2023

- Founders Parkway (SH86)/Fifth Street Intersection "Four Corners" Improvements – This project will enhance one of the primary intersections in Town. Founders Parkway, SH-86, Ridge Road and Fifth Street intersect at the project location. Each leg of the intersection is classified as a major arterial facility and the intersection is currently operating above its capacity. The improvements this project will implement 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: Construction**

- Coordinated with contractor to obtain early submittals
- Began reviewing construction schedule for approval
- Received Town Council approval for the construction contract
- Received CDOT approval for the construction contract
- Requested the \$1M from Douglas County for construction

# Budget: \$12,400,000 Total Funding

\*Targeted Construction Completion: Summer 2024

 <u>Crystal Valley Interchange – Pre-construction Activities</u> – 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

- West side 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.
- East side of I-25 Town has acquired the Hyperion par-

cel. The Town's Legal team is communicating with the owner of the remaining parcel, Douglas County Development Company. Valuation trail for Boone parcel is set for October 3rd.

**Budget:** \$2,430,000 Total Funding **Acquisition Completion:** End of 2023

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

# Package 1

- Project team addressing final design comments from Town review on Package 1 documents
- Town Council approved a construction contract with Kraemer North America for Package 1
- Environmental/NEPA working with US Army Corps of Engineers (USACE) for jurisdictional determination; Recent Supreme Court ruling has caused the Army Corps of Engineers to pause all determinations on 404 permits; Town staff is pursuing all avenues to get a conditional clearance to allow construction to start
- Awaiting clearance from CDOT to proceed with Package 1 construction at Town's risk relative to USACE jurisdictional determination

# Package 2

- Waiting to receive final direction from CDOT on the TDM strategies. Staff submitted a supplemental TDM strategy assessment for ADT reduction document
- System Level Study has been submitted to CDOT
- Design firm continues working on design for Package 2, this included the new request for a single point merge on I-25
- Maintenance IGA with CDOT for Package 1 has been executed
- Douglas County's IGA has been executed
- 90% plans have been submitted and are in review; contractor has begun working on the 90% OPCC

Budget: \$7,580,000 Total Funding

Design Completion: End of 2023

Targeted Construction Completion: End of year 2025

4. <u>Plum Creek Parkway Widening Phase 2</u> – 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:

- Opened the roundabout to traffic
- Placed median stamped concrete
- Completed west and east tie-ins

Budget: \$7,530,000 Total Funding

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

- Prepared agreements with consulting firms to complete property appraisal and land acquisitions services
- Gained additional design approvals from Colorado Department of Transportation (CDOT)
- Reviewed Century Link designs for project relocations
  Budget: \$1,500,000 Total Funding
  Design Completion: September 2023
  Right-of-way acquisition: Summer 2024
  \*Targeted Construction Completion: 2026
- 6. <u>Crowfoot Valley Road Widening</u> This project involves the widening of Crowfoot Valley Road from the intersection of Knobcone Drive to the Town boundary. The objective of this project is to reduce congestion due to current and forecasted traffic volumes, as well as safety improvements for both vehicles and pedestrians alike. The project will include:
  - Roadway widening to four through lanes
  - Right and left turn auxiliary lanes where warranted
  - Signal at Sapphire Pointe intersection
  - Complete sidewalks throughout the project corridor

#### Phase: Design

- Completed site survey and data collection
- Gained approvals for proposed water quality and drainage approach/design
- Obtained \$250k from County for design
- Continued development of project design
  Budget: \$810,000 Total Funding
  ROW Acquisition: Late 2023 –2024
  Design Completion: Early 2024

# \*Targeted Construction Completion: Early 2025

7. <u>Relocation of Dawson Ridge Blvd and West Frontage Rd</u> –

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:

- 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
- Anticipate IGA between Town and Westside Development for the construction management of Dawson Trails Blvd concurrent with the interchange construction

# Budget: \$299,000 Total Funding

#### Design Completion: Fall 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

- Completed 16" waterline lowering
- Utility installations and relocations completed
- Traffic switched to the newly constructed southern half of the roundabout and roadway

Budget: \$3,500,000 Total Funding Targeted Construction Completion: Fall 2023

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
- Stormwater drainage improvements
- Implementation of on street bike lanes West/East bound

Phase: Planning/Design

- the end of September, design will be put on pause
- Revised ROW plans, legal and exhibits will be packaged and delivered

Budget: \$2,500,000 Total Funding Design Completion: TBD Right of Way Acquisition: TBD \*Targeted Construction Completion: TBD

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:

- Performed site inspections with Union Pacific representatives
- Continued planning coordination with Union Pacific for railroad crossing gate installations anticipated to be constructed in December 2023

Budget: \$1,800,000 Total Funding Targeted Construction Completion: Early 2024

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

- Obtained bids from contractors, 30% higher than availa-• ble budget
- Came to agreement with adjacent property owners for acquisitions
- Staff identifying scope refinement opportunities to lower construction cost
- Re-advertise for construction late 2023

Budget: \$57,000 Design Completion: May 2023

Right of Way Acquisition: October 2023

\*Target Construction Completed: pending acceptable bids

Revised 30% design is to be submitted to the Town by 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 ٠
- Identify locations where additional lighting is needed
- Design and construct necessary facilities to provide power to lighting locations

# Phase - Planning/Design

- Olsson completed and submitted conceptual plans to the Town and CDOT
- Work continues on design
- Historic preservation board would like to review plans once they get to a more complete set to give approval
- No ROW is necessary for project
- An assessment of lighting along same corridors in downtown area was submitted for Town use along with conceptual design

Budget: \$600,000 Total Funding

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. The Kadence system was continuing to be monitored for successful operation. Traffic speeds remain better than normal with the system operating. Kimley-Horn and CDOT continue to work quickly to resolve any issues that arise. The project team effort has been paused while the consultant contract is revised.
- Phase II of the Town's ATSPM project includes software development and signal timing. ATSPM Dashboard training was completed with the consultant and CDOT staff. Consultant has begun updating the Signal System Management Plan to incorporate these performance metrics; initial draft of the updated plan is due September 8.

- The Town is awaiting a draft IGA from CDOT for Connected Vehicle hardware. The project is delayed due to year end priorities at CDOT. Once executed this two scope focuses on messaging intersection safety and driver awareness of operations and maintenance at high crash locations using connected vehicle technology.
- Staff provided a Letter of Interest to DRCOG to con- Targeted Construction Completion: Fall 2023 struct up to three Dynamic Message Signs for a total \$800,000 in Fiscal Year(s) 2024-2027. The application was not selected for funding during the current TIP cycle.

# Budget: \$868,700 Targeted 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 six locations, Intelligent Transportation System (ITS) on Meadows Blvd to warn drivers of signal changes and queue awareness, intersection The 2023 PMP will focus its efforts in the East PMP area with safety improvements, and missing sidewalk connections.

- Construction is complete on intersection safety improvements and a patio at 4<sup>th</sup> and Jerry.
- Construction is complete on pedestrian refuges at Mitchell and Fallon, Mitchell and Cass, Woodlands and Trail Boss, and Foothills and Morningview. Construction is also complete on intersection safety improvement at 5th and Jerry and a raised crosswalk at Valley and South. Punch list will be developed the week of September 4 and be addressed by internal staff or contractor as appropriate.
- The Limelight ITS project held an initial meeting and system configuration information was shared with the consultant. The consultant has begun initial design of the system and provided cost estimates for various design options. Town is reviewing design and cost estimates for various design alternatives including solar powered units with cellular connectivity versus hard wired power and communications.

Budget: \$410,000

Construction Completion: Winter 2023

Illuminated Street Name Signs - Town staff chose Gades Sales Co for the 2023 illuminated street name sign materials. All signs have been received by the Town; staff is currently awaiting additional mounting hardware that is delayed in manufacturing. Installation of signs cannot proceed without the necessary mounting hardware at Founders Pkwy and Rising Sun, Founders Pkwy and Ridge Road (Four Corners), Wolfensberger and Park St, and Wolfensberger and Caprice.

2022 Budget: \$39,105

Construction Completion: Fall 2023 2023 PO: \$34,477 Remaining 2023 Budget: \$12,963 Targeted 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 year project will kickoff in earnest. The Town's project beneficial to the traveling public. Supplemental pedestrian refuges are being recommended for three of the locations. Equipment has been delivered and received by the Town. Staff plans to build and install signs in September.

2023 Total Safety Budget: \$90,000



#### 2023 Pavement Maintenance Program (PMP)

additional work taking place on 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 project was completed in the month of June. Contractor completed all punchlist items and project came in under contract time and budget

# **Asphalt Overlay**

Asphalt Overlay Project continued through the month of August. Concrete repairs were completed in August. Asphalt patching, asphalt milling and paving are proceeding in a clockwise fashion. Project is on track to be completed within the allotted contract time.



# **Full Depth Reclamation**

Full Depth Reclamation concrete repairs were completed in

August. The work continued through August and is progressing in a clockwise manner. Concrete repairs, reclaiming and paving operations are expected to continue for the next few months. Project is is on track to be completed within allotted contract days.



#### **Slurry Seal**

Slurry Seal project was completed in the month of July. Contractor completed the final street in September. Contractor will then address all punchlist items and project will come in within contract time and under budget.

#### 2023 Facilities Parking Lot Improvements Program

This year's maintenance program will see needed improvement made to six (6) parking lots from various Town departments. These parking lots will see various improvements such as reconstruction, 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 Prairie Hawk Fire Station #154 Founder's Treatment Plant

**Gemstone Park Parking Lot** Weaver II Well Field **Ray Waterman Treatment Plant** 

Work is scheduled to begin July and be completed by November 3.

#### 2023 Bridge Maintenance Program (BMP)

Project went out for competitive bids on June 9. Only one (1) contractor submitted a bid. Bid was opened June 21 and documented. After review, it was decided to defer the bridge project this year and transfer funds to 2024 to address a bridge that has a low sufficiency rating. Staff is working with BASIS Partners to Street Light Operations complete documents and plans needed for the project bid packet to be advertised in December. The bridge identified for necessary repairs is the Plum Creek Parkway over Sellars Gulch.



#### **Review and Permitting**

Development Review - All 48 reviews were completed. No late reviews this month.

**Permitting & Inspection –** 41 right-of-way permits were issued.



**Taxi Voucher Program** 

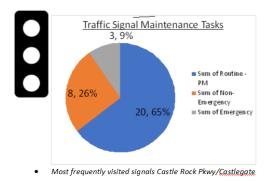
For the month of August, the Taxi Voucher Program funded 150

rides; which is a 40% increase to last year's August total of 107, and a 10% increase from last month's total rides 135. 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 August, 24 individuals used the Taxi service. Of those individuals, 72% of the rides were for work, 11% for shopping trips, and 17% for medical appointments. Sixty-four rides were provided for people without access to a vehicle, 38 rides to seniors, and 48 rides to disabled riders.

The Castle Rock Senior Center provided a total of 695 rides in August.

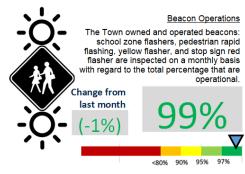
#### **Traffic Engineering and Operations**

#### Traffic Signal Operations and Maintenance



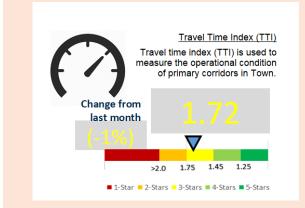


Beacon



■ 1-Star = 2-Stars = 3-Stars = 4-Stars = 5-Stars

#### **Operations**



#### **Street Signs and Pavement Marking Maintenance**

For the month of August, the team completed 482 tasks. Of these tasks, 83 of them were sign work activities related to fabrication, install, repairs, replacements, inspections and investigations. We had six beacon related tasks which included windshield inspections, and repairs. Three hundred ninety-two marking related tasks included inspections and replacements. Other tasks included 29 small projects, one liquor license posting, one delineator install, three grinding tasks, one core drill, and two special event tasks.

Marking contractor, Colorado Barricade, is 66% for white and 70% complete for yellow long lines, and 100% complete with signalized intersection and durable marking work. Town Staff paint marking work is 81%, durable thermoplastic marking is 55%, and summer sign projects are 54% complete.

#### **Transportation Planning**

#### Castle Rock Downtown Wayfinding Sign Plan:

The consultant is finalizing their recommendations for the wayfinding sign locations and phasing plan. When completed, the technical team will review it. All comments on the sign design have been provided and the consultant is finalizing the cost estimated. The final report is on schedule to be completed in the next couple of months and will be provided to the Town Manager to share with Council.

#### 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. A new inquiry in August was received for Coltin Trail. The initial support petition was sent to the homeowner. Town staff is awaiting the signed petition before a speed study can be conducted. Town staff reviewed the speed study for Arabella Drive and it does meet the minimum speed threshold. Staff will contact the homeowner with the next steps in the process. Town staff has also created a draft plan for N. Meadows Drive which will be shared with management in September for comments.

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

The DRCOG Board approved the 2024-2027 TIP in August, which includes \$8.5 million for CVI, and \$5 million for the Industrial Tributary Trail project from the MAC to Downtown. Staff will be contacting CDOT do get an IGA signed as quickly as possible. The TIP funds for CVI are available in FY 2024. Staff also submitted a new MPDG grant application to USDOT for the CVI project. The grant request was for \$10.5 million. Town staff will continue to pursue other grant opportunities as they are announced.

# Fleet Services

As you drive around Castle Rock and see the different departments providing first-class service throughout the community, you will notice how they rely on their Town vehicles. The Fleet Division takes pride in knowing that those vehicles are reliable and safe to operate and that they are providing a service for our community and our residents. Our services support the Police and Fire Departments, Public Works, Parks and Recreation and Castle Rock Water. We also support the important functions of Development Services, Engineering, Traffic, Signs and Markings, the Recreation and Activity Center and Town Hall.

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.

#### Key Performance Indicators

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

Outcome: Fleet availability was 98%. Our technicians did a fantastic job completing work orders this month.

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

Outcome: The Fleet team completed 69% of the work orders within 48-hours of opening repair requests or service requests. The high volume of work orders continued in August. Our completion rate ticked up from July as we make progress putting new vehicles in to service.

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

Outcome: Technician productivity was 74%. The technicians produced solid work throughout the month while also training for their Commercial Drivers License that took many hours away from the shop. They have done a great job of balancing these requirements and providing for our customers and our community. We appreciate their dedication and efforts.

#### Productivity

Fleet continued to produce at a high level in August. We had 110 work orders for 100 different assets ranging from preventative maintenance and repairs, unscheduled repairs, capitalization of new assets, and accidents. Our work production cost was evenly distributed across the three major categories of labor, parts and sublet repairs. The four technicians had more than 500 direct labor hours and our support staff recorded very high parts usage and sublet repairs in July. We continued putting new assets in to services along with performing scheduled and unscheduled maintenance and repairs. We have just a few more new vehicles to complete as we prepare to start in servicing new police cars for this year.

#### **Shop Operations and Management**

Management has been busy performing interviews for the open Technician and Parts Specialist positions. We hope to make an offer to candidates in September. We are working with Wagner Equipment who is working to correct an error the manufacture made in the specifications for our two new loaders. This will delay putting these two assets in to service for 6-10 weeks. The shop has been extremely busy and the technicians and support staff have done a great job keeping up with the demand. We had more than \$127k in parts and labor charges in August. The work load may steady out in September giving us a chance to catch up on scheduled maintenance items. We are currently gearing up for the arrival of new police vehicles and emergency equipment. Auction of old equipment is going well. We have sold eight assets, one being the old 3-wheel Pelican street sweeper that sold for \$46K. Nine more assets are currently up for sale and another 13 scheduled for September.

#### New and Replacement Vehicles

No new vehicles were received in August. We are anticipating that will receive nine Ford Interceptors in the coming months for

the police department. Ford has released serial numbers for these new cars with an expected production date of October 2. Hopefully a UAW strike does not affect these production dates. The Fire department has three open orders and Public Works has two plow trucks



waiting for production. Budget year 2024 will have significantly fewer replacements and new assets requested.

#### Look Ahead Items:

Continue budget review for 2023-2024.

# Street Operations & Maintenance Division

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

*Crack Seal Operations
*Bridge Painting
*Patching & Pothole Repair

\*Street Sweeping \*Road Verge Maintenance \*Gravel Road Maintenance

#### **Crack Seal Operations**

The crews continued to crack seal the maintenance portion of the PMP. Weather continued to hamper these efforts with more rain. In spite of this, the crews continued their efforts, ultimately completing 25 lane miles. Crews dedicated 773 hours to this task, using 38,220 pounds of material.

#### Street Sweeping

The Downtown Sweeping operation continues with twicemonthly sweepings during the early morning hours. In addition to this, sweeper crews also responded to areas where storm runoff ran into the roadways. In all the team dedicated 165 hours and cleared 99.6 miles of roadways, removing 29 cubic yards of material.

#### Asphalt and Pothole Repair

Roadway repairs have not taken a back seat this year with all the rain continuing to compromise roadways all over Town. The crew have been diligently working to stay ahead of the repair needs in spite of the weather related challenges. The crews worked 366 hours patching utility cuts, damages sections of roadway, and filling potholes. The crews utilized 1500 pounds of cold mix and 35.6 tons of hot mix asphalt to execute these repairs.

#### **Road Verge Maintenance**

Road verge maintenance has begun to ebb with cooler overnight temperatures. The crews still worked 130 hours to mow, trim, spray, and pick up trash alongside the Town's road verge areas. In all crews covered 80 edge line miles and removed 20 trash bags of debris from the verge areas.

#### Bridge painting

August saw the completion of the bridge painting project for the North Meadows Extension. The Crews put the final finishing touches on the bridge to clean and repaint it in order to protect the structure from the road salts deposited during Snow and Ice control operations.

#### **Gravel Road Maintenance**

Due to excessive runoff of storm water from recent rains, crews dedicated 49 hours to grading and reestablishing a smooth driving surface on Territorial Rd. The crews also worked to reestablish the drainage ditches using 20 tons of recycled asphalt millings.

# Looking Ahead

In September, the division plans to continue crack seal operations, with the maintenance portion continuing and the pre PMP portion beginning. Continued efforts in asphalt patching, and street sweeping are planned for the entire month. Snow plow training is also planned to be updated and carried out for all the Town's snow plow operators.