**6:00-6:45 Board of Trustees Work Session**

**Site Master Plan/Visioning for 10 Cheyenne Ave. Site**

# TOWN BOARD REGULAR MEETING AGENDA
## Thursday, June 15, 2023, at 7:00 P.M.
**Held at the Carsten Board Room at 224 First Street**

**CALL TO ORDER**
**Pledge of Allegiance**

**ROLL CALL**

**AGENDA APPROVAL / AMENDMENTS**
*Motion to approve agenda as is or approve agenda with amendment(s).*

**SPECIAL PRESENTATION**
**1**. Lieutenant Tom Suter Retirement, 29 Years – Chief Sturch, Eaton Police Department

**PUBLIC COMMENT***
*Members of the audience are invited to speak at the Board of Trustees' meeting. Public Comment is reserved for citizen comments on items not contained on the printed agenda. Citizen comments are limited to three (3) minutes per speaker. When several people wish to speak about the same position on a given item, they are requested to select a spokesperson to state that position.*

**CONSENT AGENDA**
*The Consent Agenda is a group of routine matters to be acted on with a single motion and vote. Council or staff may request an item(s) to be removed from the Consent Agenda and placed under New Business for discussion.*
**2**. Minutes – May 18, 2023, Regular Meeting
**3**. Accounts Payable Invoice History Report – May 2023
**4**. Financial Statements – April 2023
**5.** Treasurer Report – April 2023

**PUBLIC HEARING (See Exhibit A)**
**6**. Eaton Cemetery Subdivision – Lauren Richardson, Baseline Engineering

**NEW BUSINESS**
**7**. 2018 International Energy Conservation Code (2018 IECC) – Jonathan Gesick, ProCode, Inc

- Preliminary Energy Savings Analysis: 2018 IECC Residential Requirements Handout
- First Reading - Ordinance No. 637 – Repealing and Readopting Section 6-1-7 of the Eaton Municipal Code Concerning the International Energy Conservation Code, 2018 Edition – Avi Rocklin, Attorney

**STAFF REPORT(S)**
**8.** Town Administrator – Monthly Report & Eaton Task Force Presentation Meeting #2
**9**. Assistant Town Administrator
**10**. Police Chief – May 2023 Police Power Point Report and May 2023 Law Reporting
**11**. Town Attorney
**12**. Finance Director
**13**. Town Clerk

**COUNCIL REPORTS AND REQUEST FOR FUTURE AGENDA ITEMS**
**14.** Planning Commission Meeting
**15.** Hometown Revitalization Committee
**16.** Great Western Trail/Park
**17.** Northern Front Range/MPO

**MAYOR'S COMMENTS**

**AJOURN**

** If you have public comment but are not comfortable attending in person, please send the comments to wesley@eatonco.org by noon on the day of the meeting, and the comment will be read into the record or otherwise shared with the Board during the meeting.*

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AMERICANS WITH DISABILITIES ACT NOTICE

In accordance with the Americans with Disabilities Act, persons who need accommodation to attend or participate in this meeting should contact Town Hall at (970) 454-3338 within 48 hours prior to the meeting to request such assistance.

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# EXHIBIT A

## RULES FOR THE HEARING

A. All questions and comments by applicant(s), staff, or the public are to be directed to the governing body.

B. The Mayor will ask each member of the governing body to disclose any conflicts requiring recusal, or the specific substance of any ex-parte communications made by them.

C. No applicant(s), staff member, or the public will be subject to cross examination except by the governing body.

D. Public comments shall be taken at the hearing and are limited to three (3) minutes per individual. Any unused time may not be given to another.

E. Disruptive behavior will not be tolerated.

## PUBLIC HEARING PROCEDURE

1. Open public hearing.
2. Receive information from staff.
3. Receive information from applicant.
4. Receive information from the public.
   a. Ask to hear from anyone who supports the matter.
   b. Ask to hear from anyone who opposes the matter.
5. Receive rebuttal from applicant. (*If any*.)
6. Additional questions from the Board, if any. (*Board may ask questions at any time until the hearing is closed*.)
7. Close the public hearing.
8. Discussion and deliberation among Board.
9. The Board will decide and make a motion.

Proposed Motions:

For Approval:
I move to approve _____.

For Approval with Conditions:
I move to approve _____ with the following conditions: _____.

For Denial:
I move to deny approval of _____.

# SPECIAL PRESENTATION(S)

**TOWN BOARD REGULAR MEETING**
**224 First Street, Eaton, CO**
**Thursday, May 18, 2023, 7:00 P.M.**

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# MINUTES

## CALL TO ORDER

*Mayor Moser called the meeting to order at 7:00 p.m. and led the Pledge of Allegiance.*

## ROLL CALL

| | | | |
|---|---|---|---|
| **BOARD PRESENT** | Mayor Scott Moser | Mayor Pro Tem Liz Heid | Trustee Karla Winter |
| Trustee Nina Lewis | Trustee Glenn Ledall | Trustee Lee Griffith | Trustee Coby Gentry (Arrived @ 7:02 pm) |
| **BOARD ABSENT** | None | | |

**STAFF PRESENT:** Interim Town Administrator - Wesley LaVanchy, Town Attorney - Avi Rocklin, Assistant Administrator - Greg Brinck, Financial Director - Faith Smith, Police Sergeant – Matt Rundle, and Northern Engineering – Brad Curtis

## AGENDA APPROVAL / AMENDMENT(S)

*Mayor Pro Tem Heid moved to approve the agenda as is.*

Trustee Griffith seconded, and the motion passed unanimously, 5-0. (Before the arrival of Trustee Gentry.)

## PROCLAMATION

**1. May 2023 Mental Health Month –** North Range Behavioral Health Director of IT, Roy True

Roy True stated that May is Mental Health Month and thanked the Trustees for the recognition and partnership with North Range in the crisis services and with our co-responder action plan. Also, have a partnership with Eaton PD and the Eaton School District. Mental health is as important as physical health.

The Board of Trustees and Mayor Moser read the proclamation aloud to raise awareness about behavioral health, recovery and hope, the importance of prevention, and the factors that contribute to mental wellness. Mayor Moser proclaimed May 2023 as Mental Health Month.

## PUBLIC COMMENT

*Mayor Moser opened the floor for public comment at 7:05 p.m.*

Chad Rexius spoke to traffic on CR 39 from CR 74 to CR 78, re-routing trucks, or lower speed limit.

John Ryan spoke to CR 39 road needing to be repaired, large potholes and main concern is safety.

Ann Aron spoke to a grave concern of safety and quality of life diminished due to loud trucks on CR 39.

Wesley LaVanchy, ITA stated that he reached out to Omaha Track which has been working on an improvement agreement with the county that will impact the intersection of CR 74/CR 39 and re-routing for their trucks, to head to HWY 85 or head east. Omaha Track will have a conversation with Liberty Trucking about routing, while hauling sand to an oil site.

*Mayor Moser closed the floor for public comment at 7:14 p.m.*

## CONSENT AGENDA

**2. Minutes – April 20, 2023, Regular Board Meeting**
**3. Accounts Payable Invoice History Report – April 2023**
**4. Financial Statements – March 2023**
**5. Treasurer Report – March 2023**
**6. Endorsement Form for Liz Heid for Nomination to CML's Executive Board**

*Trustee Winter moved to approve the Consent Agenda.*

Trustee Lewis seconded, and the motion passed unanimously, 6-0.

**PRESENTATION**

**7. Regional Treatment Plant and Distribution of Water Service Partnership Discussion**

Wesley LaVanchy, ITA gave a quick update and set the stage for Chris Pletcher about Eaton's Raw Water and Water Treatment, along with opportunities before the town. Municipalities, including Eaton, are still in a moratorium with NWCWD which limits the wholesale amount of water that can be purchased, which affects the capacity to support future projects. As NWCWD finishes their master plan, they will present an amended water service agreement to which will define the capacity the town will have. Recognizing this defined capacity allows the town to explore other opportunities for future needs of expansion and partnerships with other water providers to build the capacity of the town's water. Exploring Carriage Contract's that may create more redundancy and flexibility.

Chris Pletcher, GM, FCLWD spoke about commonalities; ownership of land for future water treatment plant, partnership in NISP, NWCWD, Soldier Canyon, ELCO and a shareholder of North Poudre water. The more we work together with Carriage Agreements to optimize the yield of our water rights and being effective partners in the organization is an advantage to each party. This concept of relationship and partnership is the glue that holds this organization together. In negotiation, Fort Collins/Loveland District will be the largest user at this water treatment plant and has an urgency and need for this plant to be ready in the next three to five years and pushing towards that goal. Having open conversations with partners to see who is ready to move forward, who can participate, at what level and what time will start building a partnership agreement. FCLWD may start working on the beginning design of this water plant. FCLWD is committed to a governance model, power of authority that each party has an equal voice and vote. Cost will be at a portion based on usage. This will be a forever water plant, and this is just the beginning of the partnership and formation of agreements. This is just an update on the tone of the negotiations and the partnership and relations we are building to move this process forward.

Wesley LaVanchy, ITA finished the presentation with a confirmation from the City of Greely to work on an IGA to get water credits on the Eaton Draw to help us with our issues on the wells. This will move us forward with our water court application with the State.

**PUBLIC HEARING**

*Mayor Moser opened the Public Hearing at 7:35 p.m.*

**8. Ordinance No. 636 – Amend Residency Requirement for Town Administrator**

Avi Rocklin, Town Attorney stated that this Ordinance No. 636 is in consideration to omit the residency requirement from Section 2-4-1 of the Eaton Municipal Code. This will provide more flexibility and broaden the pool of people who may be available to serve as the Town Administrator.

*Mayor Moser opened the floor for public comment, as there was none, the floor was closed at 7:37 p.m. As there was no Board discussion, Mayor Moser closed the Public Hearing.*

*Mayor Pro Tem Heid moved to approve Ordinance No. 636, An Ordinance Amending Subsection 2-4-1 of the Eaton Municipal Code Concerning the Residency Requirement for the Town Administrator.*

Trustee Griffith seconded, and the motion passed unanimously.

**NEW BUSINESS**

**9. Employment Agreement for Town Administrator**

Avi Rocklin, Town Attorney presented an Employee Agreement for consideration between the Town and Wesley LaVanchy. The Employee Agreement memorializes the terms of the Town's employment of LaVanchy as the Town Administrator.

*Trustee Griffith moved to approve the Employment Agreement for Town Administrator with Wesley LaVanchy.*

Trustee Gentry seconded, and the motion passed unanimously.

**10. Community Development Block Grant Award (CDBGA)**

Wesley LaVanchy, ITA discussed the acceptance of Community Development Block Grant Award and authorization of Town's participation and partial match funding. This project will replace non-conforming ADA ramps in the main area of Town. The Town was awarded $155,000 in grant funding. The Town's approximate match in funds is $21,000 and the term of the grant is June 1, 2023, to June 1, 2024, unless extended.

**10. Community Development Block Grant Award (CDBGA)** ***Continued***

*Trustee Winter moved to accept the award of CDBG notice for $155,000 in reimbursements, appropriate required matching funds and authorize the mayor and/or staff to execute a contract i.e., subrecipient agreement with Weld County CDBG Program.*

Trustee Lewis seconded, and the motion passed unanimously.

**11. Hometown Revitalization Committee Request to Solicit Bids for a Downtown Development Authority Consultant**

Greg Brinck, Assistant Administrator spoke on behalf of the HTRC, their strategies for sustainable downtown economic development since the committee's inception and have determined pursuing a formal Downtown Development Authority is the best path for the Town of Eaton. The HTRC is asking the Board of Trustees to authorize them to request bids for consultant to develop a campaign to create a DDA at the November 2024 election. The committee will solicit bids from consultants, review bids and recommend a consultant to the Board and the Board will award the contract to the consultant. The Board budgeted $60,000 in the 2023 budget for consulting services which may cost $75,000 - $100,000 through the November 2024 election.

*Mayor Moser asked if all Trustees agreed for HTRC to proceed with solicitation of bids for a consultant, yes.*

**12. Purchasing Policy**

Faith Smith, Financial Director gave an update on the Town's Purchasing Policy to ensure sufficient oversight of financials transactions, streamline purchasing processes, provide uniformity throughout the organization and promote "Best Practices" to the Town's purchasing requirements.

*Trustee Lewis moved to approve adopting the updated purchasing policy.*

Mayor Pro Tem Heid seconded, and the motion passed unanimously.

**13. Maplewood Estates Irrigation Credit**

Greg Brinck, Assistant Administrator, stated that on April 17th when the Town's Public Works Department turned on the Maplewood Irrigation system, there were multi leaks as a result of Allo's fiber internet installation. The breakage of the irrigation system caused a 3-week delay to irrigation services. Staff requested the Board to waive one month of irrigation fees to the Maplewood Estates residents and commercial accounts.

*Trustee Gentry abstained from voting since he lives in Maplewood Estates.*

*Trustee Griffith moved to approve waiving one month of irrigation fees in Maplewood Estates in May 2023.*

Trustee Ledall seconded, and the motion passed 5-0.

**STAFF REPORT(S)**

**14**. **Interim Town Administrator** – Monthly Report. Three citizen outreach meetings have been held for the Streets & Sales Tax Initiative, there will be an update in June from the citizen surveys. Work sessions will begin again before the regular board meetings. June's work session will be on the potential land west of us and amending the Master Plan for the Town. Jay Tapia will be a part of this work session. July's work session will be with Raftelis on the utility fees and August's work session will begin the 2024 Budget.

**15**. **Assistant Town Administrator** – Updates; 1) Employee & Board picnic tomorrow, 2) Hometown Committee sponsoring June 16th movie, Sandlot, at the Town Square, 3) Lighting at the Roundabout will be moving forward, 4) DOLA opened a new specific Main Street Grant fund of $1.5 million, working on application, if awarded, the CDOT Grant matching funds can be from the DOLA Grant and DOLA Grant matching funds can be from the CDOT Grant funds, to keep our cash contribution low.

**16**. **Sergeant Rundle** – April 2023 Power Point Repot and Progress & Statistical Summary. Key Points; 1) Patrolling and surveying the speed on Christiansen Avenue, found north bound average 44.7 mph and south bound average 50.2 mph, 2) Directed patrolling at both stop lights for zero tolerance of red light runners, 3) CEO Ramirez will begin surveying private properties for refuge, junk cars and out of control weeds, 4) Increase patrol on 3rd Street parking at rec center and high school, 5) Two new full time officers and working on a third hire.

**17**. **Town Attorney** – None.

**STAFF REPORT(S) CONTINUED**

**18**. **Finance Director** – 1) Payroll and time clocks will be moved to Caselle software, 2) The Town has a new worker's compensation company called Pinnacle, 3) The auditors are still working on the financial statements for 2022.

**19**. **Town Clerk** – IIMC Conference was informative.

**COUNCIL REPORTS AND REQUEST FOR FUTURE AGENDA ITEMS**

**20**. **Planning Commission Meeting** – No meeting, no report.

**21**. **Hometown Revitalization Committee** – Reports, see 11. and 15.

**22**. **Great Western Trail/Park** – Trustee Griffith – May 4, 2023, GWTA Summary Report

**23**. **Northern Front Range/MPO** – Mayor Pro Tem Heid – 1) Attended the Weld Trust Meeting and our school district discussed the current bussing issues with in-district students becoming homeless and living in Greeley which causes issues with the district's busses going out-of-route to pick up these students. Mayor Pro Tem talked with Scott James, Council Vice Chair of MPO /Weld County Commissioner, and produced a solution; MPO can provide buses and Weld Trust can assist for these busses to provide transportation for the district next fall for these particular students in Greeley, 2) Thanked the board for the endorsement nomination for the CML Executive Board.

**MAYOR'S COMMENTS –** Thank you to Wes and Greg for holding and attending the three-citizen outreach public meetings for the Streets & Sales Tax Initiative.

**EXECUTIVE SESSION**

**24**. **An executive session to determine matters subject to negotiation and instruct negotiators related to the Eaton Housing Authority pursuant to C.R.S. § 24-6-402(4)(e).**

*Mayor Pro Tem Heid moved to adjourn to an executive session to determine matters subject to negotiation and instruct negotiators related to the Eaton Housing Authority pursuant to C.R.S. § 24-6-402(4)(f), at 8:42 p.m.*

Trustee Gentry seconded, and the motion passed unanimously.

*Mayor Pro Tem Heid moved to come out of the executive session and reconvened the regular board meeting, at 9:00 p.m.*

Trustee Gentry seconded, and the motion passed unanimously.

Mayor Moser asked to let the record show that no other topics were discussed besides the topic listed under executive session, and no decisions were made.

**ADJOURN**

Mayor Moser adjourned the May 18, 2023, Regular Meeting at 9:01 p.m.

*Margaret Jane Winter, Town Clerk*

Report Criteria:
Report type: GL detail
Check.Type = {<>} "Adjustment"

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62836** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV395179 | 1 | 01-02-7400 | .00 | 13.90 | 13.90 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV395479 | 1 | 01-02-7400 | .00 | 128.40 | 128.40 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV395523 | 1 | 01-02-7400 | .00 | 69.99 | 69.99 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV395524 | 1 | 01-02-7400 | .00 | 74.65 | 74.65 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV395634 | 1 | 01-02-9120 | .00 | 320.02 | 320.02 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV396025 | 1 | 01-02-7400 | .00 | 189.60 | 189.60 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV396026 | 1 | 01-02-7220 | .00 | 203.95 | 203.95 |
| 05/23 | 05/15/2023 | 62836 | 182 | ADAMSON POLICE PRODUCTS | INV396027 | 1 | 01-02-7400 | .00 | 6.29 | 6.29 |
| Total 62836: | | | | | | | | .00 | | 1,006.80 |
| **62837** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62837 | 128 | ALL COPY PRODUCTS INC | AR3916485 | 1 | 01-02-5125 | .00 | 135.06 | 135.06 |
| 05/23 | 05/15/2023 | 62837 | 128 | ALL COPY PRODUCTS INC | AR3916485 | 2 | 01-02-7215 | .00 | 315.14 | 315.14 |
| 05/23 | 05/15/2023 | 62837 | 128 | ALL COPY PRODUCTS INC | AR3926239 | 1 | 01-01-7210 | .00 | 75.19 | 75.19 |
| 05/23 | 05/15/2023 | 62837 | 128 | ALL COPY PRODUCTS INC | AR3926608 | 1 | 01-02-5125 | .00 | 78.75 | 78.75 |
| 05/23 | 05/15/2023 | 62837 | 128 | ALL COPY PRODUCTS INC | AR3926608 | 2 | 01-02-7215 | .00 | 183.75 | 183.75 |
| Total 62837: | | | | | | | | .00 | | 787.89 |
| **62838** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62838 | 168 | ALSCO - LARAMIE | LLAR162191 | 1 | 02-00-7315 | .00 | 112.69 | 112.69 |
| 05/23 | 05/15/2023 | 62838 | 168 | ALSCO - LARAMIE | LLAR162191 | 2 | 01-06-7215 | .00 | 480.01 | 480.01 |
| 05/23 | 05/15/2023 | 62838 | 168 | ALSCO - LARAMIE | LLAR162191 | 3 | 01-02-7215 | .00 | 64.23 | 64.23 |
| Total 62838: | | | | | | | | .00 | | 656.93 |
| **62839** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 14DK-743X- | 1 | 02-00-5640 | .00 | 33.30 | 33.30 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 191W-1P3H- | 1 | 02-00-8510 | .00 | 69.99 | 69.99 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1DQW-VVXJ | 1 | 02-00-7215 | .00 | 52.68 | 52.68 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1G1F-TGVG- | 1 | 02-00-7215 | .00 | 559.30 | 559.30 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1GFF-XQYL- | 1 | 02-00-7215 | .00 | 240.43 | 240.43 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1GKQ-V9LT- | 1 | 02-00-8540 | .00 | 36.97 | 36.97 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1GTX-MTFD- | 1 | 02-00-8510 | .00 | 295.34 | 295.34 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1GTX-MTFD- | 1 | 02-00-8600 | .00 | 356.47 | 356.47 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1H1K-Y1T4- | 1 | 02-00-8211 | .00 | 39.99 | 39.99 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1HN4-DH3G- | 1 | 02-00-8600 | .00 | 504.46 | 504.46 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1QRP-R6CK- | 1 | 02-00-5640 | .00 | 342.55 | 342.55 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1QYQ-CFY7- | 1 | 02-00-7215 | .00 | 38.98- | 38.98- |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1TFY-GFJR- | 1 | 02-00-8600 | .00 | 234.48 | 234.48 |
| 05/23 | 05/15/2023 | 62839 | 650 | AMAZON CAPITOL SERVICES | 1TLF-1GQ3- | 1 | 02-00-8211 | .00 | 653.74 | 653.74 |
| Total 62839: | | | | | | | | .00 | | 3,380.72 |
| **62840** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62840 | 399 | AMERICAN FIDELITY Flex | 2204485A | 1 | 01-00-2250 | .00 | 92.30 | 92.30 |
| 05/23 | 05/15/2023 | 62840 | 399 | AMERICAN FIDELITY Flex | 2204485A | 2 | 02-00-2250 | .00 | 46.15 | 46.15 |
| Total 62840: | | | | | | | | .00 | | 138.45 |
| **62841** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62841 | 375 | AMERICAN LEAK DETECTION I | 00131170 | 1 | 07-00-7310 | .00 | 550.00 | 550.00 |
| Total 62841: | | | | | | | | .00 | | 550.00 |
| **62842** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 1 | 01-01-6180 | .00 | 13.39 | 13.39 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 2 | 01-02-6180 | .00 | 26.78 | 26.78 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 3 | 01-03-6180 | .00 | 1.91 | 1.91 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 4 | 01-04-6180 | .00 | 2.87 | 2.87 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 5 | 02-00-6180 | .00 | 15.30 | 15.30 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 6 | 03-00-6180 | .00 | 2.86 | 2.86 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 7 | 04-00-6180 | .00 | 1.91 | 1.91 |
| 05/23 | 05/15/2023 | 62842 | 410 | AMERICAN UNITED LIFE INSUR | 1ST QUART | 8 | 05-00-6180 | .00 | 3.83 | 3.83 |
| Total 62842: | | | | | | | | .00 | | 68.85 |
| **62843** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62843 | 4 | ANDERSON & WHITNEY PC | 29816 | 1 | 01-01-7310 | .00 | 7,500.00 | 7,500.00 |
| 05/23 | 05/15/2023 | 62843 | 4 | ANDERSON & WHITNEY PC | 29816 | 2 | 03-00-7310 | .00 | 1,500.00 | 1,500.00 |
| 05/23 | 05/15/2023 | 62843 | 4 | ANDERSON & WHITNEY PC | 29816 | 3 | 04-00-7310 | .00 | 1,500.00 | 1,500.00 |
| 05/23 | 05/15/2023 | 62843 | 4 | ANDERSON & WHITNEY PC | 29816 | 4 | 05-00-7310 | .00 | 1,500.00 | 1,500.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/15/2023 | 62843 | 4 | ANDERSON & WHITNEY PC | 29816 | 5 | 06-00-7310 | .00 | 1,500.00 | 1,500.00 |
| 05/23 | 05/15/2023 | 62843 | 4 | ANDERSON & WHITNEY PC | 29816 | 6 | 07-00-7310 | .00 | 1,500.00 | 1,500.00 |
| Total 62843: | | | | | | | | .00 | | 15,000.00 |
| **62844** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62844 | 570 | AQUA ENGINEERING INC | 30390 | 1 | 01-03-9130 | .00 | 405.00 | 405.00 |
| Total 62844: | | | | | | | | .00 | | 405.00 |
| **62845** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62845 | 459 | AREA WIDE PROTECTIVE AWP | 500492433 | 1 | 03-00-7610 | .00 | 145.00 | 145.00 |
| Total 62845: | | | | | | | | .00 | | 145.00 |
| **62846** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62846 | 496 | ARELLANO AUTOMOTIVE LLC | I001761 | 1 | 01-02-7225 | .00 | 356.76 | 356.76 |
| Total 62846: | | | | | | | | .00 | | 356.76 |
| **62847** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 2047 APR23 | 1 | 05-00-7510 | .00 | 1,883.74 | 1,883.74 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 3402 APR23 | 1 | 01-06-7510 | .00 | 565.18 | 565.18 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 3635 APR23 | 1 | 01-06-7510 | .00 | 557.43 | 557.43 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 3877 APR23 | 1 | 01-06-7510 | .00 | 33.97 | 33.97 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 6490 APR23 | 1 | 01-06-7510 | .00 | 182.13 | 182.13 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 6669 APR23 | 1 | 01-06-7510 | .00 | 636.13 | 636.13 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 7557 APR23 | 1 | 02-00-7510 | .00 | 756.81 | 756.81 |
| 05/23 | 05/15/2023 | 62847 | 53 | ATMOS ENERGY | 9495 APR23 | 1 | 01-04-7510 | .00 | 54.34 | 54.34 |
| Total 62847: | | | | | | | | .00 | | 4,669.73 |
| **62848** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62848 | 580 | AWARD ALLIANCE LLC | 68657 | 1 | 02-00-7216 | .00 | 107.25 | 107.25 |
| Total 62848: | | | | | | | | .00 | | 107.25 |
| **62849** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62849 | 213 | BATESVILLE CASKET CO INC | 44845374 | 1 | 01-03-7215 | .00 | 277.85 | 277.85 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62849: | | | | | | | | .00 | | 277.85 |
| **62850** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62850 | 696 | BLACK'S GLASS | N6619 | 1 | 02-00-7520 | .00 | 436.14 | 436.14 |
| Total 62850: | | | | | | | | .00 | | 436.14 |
| **62851** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62851 | 390 | CASELLE INC | 124822 | 1 | 01-01-7280 | .00 | 1,456.00 | 1,456.00 |
| Total 62851: | | | | | | | | .00 | | 1,456.00 |
| **62852** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62852 | 69 | CENTURY LINK | 484B MAY23 | 1 | 01-02-7220 | .00 | 52.54 | 52.54 |
| 05/23 | 05/15/2023 | 62852 | 69 | CENTURY LINK | 484B MAY23 | 2 | 01-01-7220 | .00 | 52.53 | 52.53 |
| 05/23 | 05/15/2023 | 62852 | 69 | CENTURY LINK | 642B MAY23 | 1 | 05-00-7510 | .00 | 260.17 | 260.17 |
| Total 62852: | | | | | | | | .00 | | 365.24 |
| **62853** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62853 | 698 | CHARLES RICE | MAY23 REIM | 1 | 01-04-7215 | .00 | 18.02 | 18.02 |
| Total 62853: | | | | | | | | .00 | | 18.02 |
| **62854** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62854 | 114 | CIRSA | W23318 | 1 | 01-01-7270 | .00 | 1,897.52 | 1,897.52 |
| 05/23 | 05/15/2023 | 62854 | 114 | CIRSA | W23318 | 2 | 02-00-7270 | .00 | 655.93 | 655.93 |
| 05/23 | 05/15/2023 | 62854 | 114 | CIRSA | W23318 | 3 | 03-00-7270 | .00 | 117.13 | 117.13 |
| 05/23 | 05/15/2023 | 62854 | 114 | CIRSA | W23318 | 4 | 04-00-7270 | .00 | 93.71 | 93.71 |
| 05/23 | 05/15/2023 | 62854 | 114 | CIRSA | W23318 | 5 | 05-00-7270 | .00 | 93.71 | 93.71 |
| Total 62854: | | | | | | | | .00 | | 2,858.00 |
| **62855** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62855 | 138 | CLEAR PERCEPTIONS-GRAPHI | 55790 | 1 | 01-02-7215 | .00 | 3,341.90 | 3,341.90 |
| Total 62855: | | | | | | | | .00 | | 3,341.90 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62856** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62856 | 192 | CLEAR WATER SOLUTIONS INC | 6875 | 1 | 04-00-7310 | .00 | 8,716.83 | 8,716.83 |
| Total 62856: | | | | | | | | .00 | | 8,716.83 |
| **62857** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1049 | 1 | 01-04-7215 | .00 | 108.80 | 108.80 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1050 | 1 | 01-04-7215 | .00 | 108.80 | 108.80 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1051 | 1 | 01-04-7215 | .00 | 65.40 | 65.40 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1323 | 1 | 01-03-7215 | .00 | 122.00 | 122.00 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1324 | 1 | 01-04-7215 | .00 | 122.00 | 122.00 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1326 | 1 | 01-04-7215 | .00 | 220.00 | 220.00 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1327 | 1 | 01-04-7215 | .00 | 220.00 | 220.00 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1328 | 1 | 01-04-7215 | .00 | 122.00 | 122.00 |
| 05/23 | 05/15/2023 | 62857 | 342 | COUNTRY JOHNS | 23-1329 | 1 | 04-00-7215 | .00 | 122.00 | 122.00 |
| Total 62857: | | | | | | | | .00 | | 1,211.00 |
| **62858** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62858 | 559 | CPS HR CONSULTING | 0009373 | 1 | 02-00-7315 | .00 | 1,976.93 | 1,976.93 |
| 05/23 | 05/15/2023 | 62858 | 559 | CPS HR CONSULTING | 0009373 | 2 | 01-01-6160 | .00 | 7,009.11 | 7,009.11 |
| Total 62858: | | | | | | | | .00 | | 8,986.04 |
| **62859** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62859 | 262 | DBC IRRIGATION SUPPLY | S4959678.00 | 1 | 01-04-7215 | .00 | 115.94 | 115.94 |
| 05/23 | 05/15/2023 | 62859 | 262 | DBC IRRIGATION SUPPLY | S4994802.00 | 1 | 01-04-7215 | .00 | 176.24 | 176.24 |
| Total 62859: | | | | | | | | .00 | | 292.18 |
| **62860** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62860 | 37 | DYER PLUMBING & HEATING IN | 23-1122 | 1 | 04-00-7310 | .00 | 425.00 | 425.00 |
| Total 62860: | | | | | | | | .00 | | 425.00 |
| **62861** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62861 | 21 | EON OFFICE INC | WO-3721754 | 1 | 01-02-7210 | .00 | 90.71 | 90.71 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62861: | | | | | | | | .00 | | 90.71 |
| **62862** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62862 | 671 | FROST GODDESS BAKERY LLC | 042533 | 1 | 02-00-8600 | .00 | 120.00 | 120.00 |
| 05/23 | 05/15/2023 | 62862 | 671 | FROST GODDESS BAKERY LLC | 050523 | 1 | 02-00-8600 | .00 | 495.00 | 495.00 |
| Total 62862: | | | | | | | | .00 | | 615.00 |
| **62863** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62863 | 65 | GENERAL AIR | 95517625-1 | 1 | 03-00-7215 | .00 | 21.12 | 21.12 |
| Total 62863: | | | | | | | | .00 | | 21.12 |
| **62864** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62864 | 51 | GOULD PARTS INC | APR 23 STA | 1 | 05-00-7215 | .00 | 14.98 | 14.98 |
| 05/23 | 05/15/2023 | 62864 | 51 | GOULD PARTS INC | APR 23 STA | 2 | 05-00-7520 | .00 | 572.24 | 572.24 |
| 05/23 | 05/15/2023 | 62864 | 51 | GOULD PARTS INC | APR 23 STA | 3 | 01-04-7525 | .00 | 208.02 | 208.02 |
| 05/23 | 05/15/2023 | 62864 | 51 | GOULD PARTS INC | APR 23 STA | 4 | 04-00-7215 | .00 | 1,528.17 | 1,528.17 |
| 05/23 | 05/15/2023 | 62864 | 51 | GOULD PARTS INC | APR 23 STA | 5 | 01-03-7525 | .00 | 31.05 | 31.05 |
| 05/23 | 05/15/2023 | 62864 | 51 | GOULD PARTS INC | APR 23 STA | 6 | 07-00-7215 | .00 | 19.99 | 19.99 |
| Total 62864: | | | | | | | | .00 | | 2,374.45 |
| **62865** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62865 | 516 | GREELEY LOCK & KEY | 0000021319 | 1 | 01-06-7520 | .00 | 304.50 | 304.50 |
| Total 62865: | | | | | | | | .00 | | 304.50 |
| **62866** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 1 | 01-02-5660 | .00 | 26.99 | 26.99 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 2 | 01-02-7240 | .00 | 194.71 | 194.71 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 3 | 01-01-7230 | .00 | 81.22 | 81.22 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 4 | 05-00-7215 | .00 | 4.86 | 4.86 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 5 | 01-03-7215 | .00 | 4.85 | 4.85 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 6 | 01-04-7215 | .00 | 4.85 | 4.85 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 7 | 03-00-7215 | .00 | 4.85 | 4.85 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 8 | 04-00-7215 | .00 | 4.85 | 4.85 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 9 | 02-00-8600 | .00 | 26.03 | 26.03 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 10 | 02-00-7240 | .00 | 50.04 | 50.04 |
| 05/23 | 05/15/2023 | 62866 | 31 | HERITAGE MARKET | APRIL 2023 | 11 | 02-00-8535 | .00 | 23.64 | 23.64 |
| Total 62866: | | | | | | | | .00 | | 426.89 |
| **62867** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62867 | 10 | JOHN DEERE FINANCIAL | APR 23 STA | 1 | 01-03-7400 | .00 | 107.99 | 107.99 |
| 05/23 | 05/15/2023 | 62867 | 10 | JOHN DEERE FINANCIAL | APR 23 STA | 2 | 05-00-7400 | .00 | 114.97 | 114.97 |
| 05/23 | 05/15/2023 | 62867 | 10 | JOHN DEERE FINANCIAL | APR 23 STA | 3 | 05-00-7520 | .00 | 32.98 | 32.98 |
| Total 62867: | | | | | | | | .00 | | 255.94 |
| **62868** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62868 | 536 | LANGUAGE LINE SERVICES | 11003275 | 1 | 01-02-5140 | .00 | 113.08 | 113.08 |
| Total 62868: | | | | | | | | .00 | | 113.08 |
| **62869** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62869 | 697 | LEAP OF FAITH HOMESTEAD | 000007 | 1 | 02-00-8600 | .00 | 300.00 | 300.00 |
| Total 62869: | | | | | | | | .00 | | 300.00 |
| **62870** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62870 | 699 | LESH ELECTRIC | 23 BUSINES | 1 | 01-00-4200 | .00 | 20.00 | 20.00 |
| Total 62870: | | | | | | | | .00 | | 20.00 |
| **62871** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62871 | 694 | LEXIPOL LLC | INVLEX1625 | 1 | 01-02-7227 | .00 | 6,758.92 | 6,758.92 |
| 05/23 | 05/15/2023 | 62871 | 694 | LEXIPOL LLC | INVLEX1625 | 1 | 01-02-7227 | .00 | 19,440.00 | 19,440.00 |
| Total 62871: | | | | | | | | .00 | | 26,198.92 |
| **62872** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62872 | 220 | LIFE STORIES | 11-768 | 1 | 01-02-7215 | .00 | 94.00 | 94.00 |
| Total 62872: | | | | | | | | .00 | | 94.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62873** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62873 | 627 | LYONS GADDIS | APR23 STAT | 1 | 02-00-7315 | .00 | 503.50 | 503.50 |
| Total 62873: | | | | | | | | .00 | | 503.50 |
| **62874** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62874 | 166 | MARISELA AGUILAR | E9 | 1 | 01-02-5140 | .00 | 110.00 | 110.00 |
| Total 62874: | | | | | | | | .00 | | 110.00 |
| **62875** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62875 | 443 | MIRACLE RECREATION EQUIP | 856545 | 1 | 01-04-7525 | .00 | 615.63 | 615.63 |
| Total 62875: | | | | | | | | .00 | | 615.63 |
| **62876** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62876 | 339 | MONARCH PROMOTIONAL DES | 1782547 | 1 | 01-03-7400 | .00 | 423.33 | 423.33 |
| 05/23 | 05/15/2023 | 62876 | 339 | MONARCH PROMOTIONAL DES | 1782547 | 2 | 01-04-7400 | .00 | 423.33 | 423.33 |
| 05/23 | 05/15/2023 | 62876 | 339 | MONARCH PROMOTIONAL DES | 1782547 | 3 | 03-00-7400 | .00 | 423.34 | 423.34 |
| 05/23 | 05/15/2023 | 62876 | 339 | MONARCH PROMOTIONAL DES | 1782551 | 1 | 01-02-7400 | .00 | 161.00 | 161.00 |
| Total 62876: | | | | | | | | .00 | | 1,431.00 |
| **62877** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62877 | 59 | MORNING STAR ELEVATOR | INV16-34446 | 1 | 02-00-7520 | .00 | 525.00 | 525.00 |
| Total 62877: | | | | | | | | .00 | | 525.00 |
| **62878** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62878 | 88 | NORTH WELD COUNTY WATER | 9000 APR 23 | 1 | 04-00-9000 | .00 | 50,842.44 | 50,842.44 |
| Total 62878: | | | | | | | | .00 | | 50,842.44 |
| **62879** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62879 | 87 | NORTH WELD HERALD | 5625 | 1 | 02-00-7216 | .00 | 575.00 | 575.00 |
| 05/23 | 05/15/2023 | 62879 | 87 | NORTH WELD HERALD | 5647 | 1 | 01-01-7260 | .00 | 2,879.94 | 2,879.94 |
| Total 62879: | | | | | | | | .00 | | 3,454.94 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62880** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62880 | 337 | O.J. WATSON EQUIPMENT | 0105858-CM | 1 | 03-00-7525 | .00 | 281.24- | 281.24- |
| 05/23 | 05/15/2023 | 62880 | 337 | O.J. WATSON EQUIPMENT | 0105859-IN | 1 | 03-00-7525 | .00 | 412.80 | 412.80 |
| Total 62880: | | | | | | | | .00 | | 131.56 |
| **62881** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62881 | 308 | O'NEIL ELECTRIC CO | 17267 | 1 | 01-04-7310 | .00 | 172.50 | 172.50 |
| Total 62881: | | | | | | | | .00 | | 172.50 |
| **62882** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62882 | 631 | PINNACOL ASSURANCE | 4241302 | 1 | 01-01-7270 | .00 | 2,521.00 | 2,521.00 |
| Total 62882: | | | | | | | | .00 | | 2,521.00 |
| **62883** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62883 | 113 | PIONEER | S35-T35W2- | 1 | 03-00-7215 | .00 | 73.10 | 73.10 |
| Total 62883: | | | | | | | | .00 | | 73.10 |
| **62884** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62884 | 432 | PIVOT ENERGY | CE6FC929 | 1 | 03-00-7515 | .00 | 7,003.73 | 7,003.73 |
| Total 62884: | | | | | | | | .00 | | 7,003.73 |
| **62885** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62885 | 180 | PNC Bank C/O Raptor Materials L | 101971 | 1 | 03-00-7215 | .00 | 224.76 | 224.76 |
| Total 62885: | | | | | | | | .00 | | 224.76 |
| **62886** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 1 | 01-04-7525 | .00 | 6.80 | 6.80 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 2 | 01-03-7215 | .00 | 429.56 | 429.56 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 3 | 01-04-7215 | .00 | 468.04 | 468.04 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 4 | 03-00-7215 | .00 | 110.49 | 110.49 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 5 | 04-00-7215 | .00 | 266.30 | 266.30 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 6 | 05-00-7215 | .00 | 46.82 | 46.82 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 7 | 03-00-7610 | .00 | 15.93 | 15.93 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 8 | 05-00-7520 | .00 | 12.34 | 12.34 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 9 | 07-00-7215 | .00 | 183.71 | 183.71 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 10 | 01-02-7225 | .00 | 12.74 | 12.74 |
| 05/23 | 05/15/2023 | 62886 | 95 | POULSEN ACE HARDWARE | APR 23 STA | 11 | 03-00-9120 | .00 | 4.70 | 4.70 |
| Total 62886: | | | | | | | | .00 | | 1,557.43 |
| **62887** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62887 | 346 | Praesidium | 114446 | 1 | 01-04-7215 | .00 | 66.13 | 66.13 |
| 05/23 | 05/15/2023 | 62887 | 346 | Praesidium | 114446 | 2 | 02-00-7315 | .00 | 106.12 | 106.12 |
| Total 62887: | | | | | | | | .00 | | 172.25 |
| **62888** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62888 | 296 | PROCODE INC | 0098146-IN | 1 | 01-01-7410 | .00 | 4,899.08 | 4,899.08 |
| Total 62888: | | | | | | | | .00 | | 4,899.08 |
| **62889** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62889 | 104 | QUALITY WELL & PUMP | 2023-1336 | 1 | 01-04-7525 | .00 | 12,405.66 | 12,405.66 |
| Total 62889: | | | | | | | | .00 | | 12,405.66 |
| **62890** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62890 | 301 | RENEWABLE FIBER INC | INV0797228 | 1 | 01-04-7520 | .00 | 46.43 | 46.43 |
| Total 62890: | | | | | | | | .00 | | 46.43 |
| **62891** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62891 | 700 | ROCKY MOUNTAIN PETROLEU | 8831 | 1 | 03-00-9120 | .00 | 2,374.90 | 2,374.90 |
| Total 62891: | | | | | | | | .00 | | 2,374.90 |
| **62892** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62892 | 456 | SECURITY AND SOUND DESIG | 60211 | 1 | 01-02-7215 | .00 | 185.00 | 185.00 |
| Total 62892: | | | | | | | | .00 | | 185.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62893** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62893 | 541 | SLATE COMMUNICATIONS | 2858 | 1 | 01-01-7310 | .00 | 3,950.00 | 3,950.00 |
| Total 62893: | | | | | | | | .00 | | 3,950.00 |
| **62894** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62894 | 592 | SQUEAKY CLEAN WINDOW | 6174 | 1 | 01-06-7520 | .00 | 265.00 | 265.00 |
| Total 62894: | | | | | | | | .00 | | 265.00 |
| **62895** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62895 | 242 | SUNRISE LUMBER CO | 63133 | 1 | 03-00-7310 | .00 | 89.85 | 89.85 |
| Total 62895: | | | | | | | | .00 | | 89.85 |
| **62896** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62896 | 670 | TEESHA PRICHARD | 00000003 | 1 | 02-00-8600 | .00 | 100.00 | 100.00 |
| 05/23 | 05/15/2023 | 62896 | 670 | TEESHA PRICHARD | 00000004 | 1 | 02-00-8600 | .00 | 100.00 | 100.00 |
| 05/23 | 05/15/2023 | 62896 | 670 | TEESHA PRICHARD | 00000005 | 1 | 02-00-8600 | .00 | 100.00 | 100.00 |
| 05/23 | 05/15/2023 | 62896 | 670 | TEESHA PRICHARD | 00000006 | 1 | 02-00-8600 | .00 | 100.00 | 100.00 |
| Total 62896: | | | | | | | | .00 | | 400.00 |
| **62897** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62897 | 272 | TIMBER LINE ELECTRIC & CON | 7765 | 1 | 07-00-9150 | .00 | 5,825.02 | 5,825.02 |
| 05/23 | 05/15/2023 | 62897 | 272 | TIMBER LINE ELECTRIC & CON | 7815 | 1 | 07-00-7310 | .00 | 1,795.00 | 1,795.00 |
| Total 62897: | | | | | | | | .00 | | 7,620.02 |
| **62898** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62898 | 186 | UTILITY NOTIFICATION CENTE | 223040486 | 1 | 05-00-7310 | .00 | 1,033.29 | 1,033.29 |
| 05/23 | 05/15/2023 | 62898 | 186 | UTILITY NOTIFICATION CENTE | 223040486 | 2 | 04-00-7310 | .00 | 1,033.29 | 1,033.29 |
| Total 62898: | | | | | | | | .00 | | 2,066.58 |
| **62899** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62899 | 137 | VALLEY FIRE EXTINGUISHER I | 155701 | 1 | 01-06-9120 | .00 | 640.00 | 640.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62899: | | | | | | | | .00 | | 640.00 |
| **62900** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62900 | 6 | VALLEY IRRIGATION OF GREEL | 79758 | 1 | 01-04-7215 | .00 | 1,978.52 | 1,978.52 |
| Total 62900: | | | | | | | | .00 | | 1,978.52 |
| **62901** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62901 | 127 | WELD COUNTY GOVERNMENT | 103926 | 1 | 01-02-7220 | .00 | 52.00 | 52.00 |
| Total 62901: | | | | | | | | .00 | | 52.00 |
| **62902** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62902 | 591 | WEX | 88769950 | 1 | 01-02-5620 | .00 | 3,000.12 | 3,000.12 |
| 05/23 | 05/15/2023 | 62902 | 591 | WEX | 88769950 | 2 | 01-03-5620 | .00 | 309.68 | 309.68 |
| 05/23 | 05/15/2023 | 62902 | 591 | WEX | 88769950 | 3 | 01-04-5620 | .00 | 501.20 | 501.20 |
| 05/23 | 05/15/2023 | 62902 | 591 | WEX | 88769950 | 4 | 03-00-5620 | .00 | 1,096.74 | 1,096.74 |
| 05/23 | 05/15/2023 | 62902 | 591 | WEX | 88769950 | 5 | 04-00-5620 | .00 | 275.73 | 275.73 |
| 05/23 | 05/15/2023 | 62902 | 591 | WEX | 88769950 | 6 | 05-00-5620 | .00 | 70.54 | 70.54 |
| Total 62902: | | | | | | | | .00 | | 5,254.01 |
| **62903** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62903 | 609 | WHITELIGHT | 1443 | 1 | 02-00-7216 | .00 | 250.00 | 250.00 |
| Total 62903: | | | | | | | | .00 | | 250.00 |
| **62904** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62904 | 422 | WORKWELL OCCUPATIONAL M | 749474 | 1 | 01-04-7215 | .00 | 38.52 | 38.52 |
| Total 62904: | | | | | | | | .00 | | 38.52 |
| **62905** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 62905 | 236 | XEROX CORPORATION | IN4424191 | 1 | 01-01-7230 | .00 | 114.33 | 114.33 |
| Total 62905: | | | | | | | | .00 | | 114.33 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62906** | | | | | | | | | | |
| 05/23 | 05/17/2023 | 62906 | 615 | ARROWHEAD SCIENTIFIC INC | 123886 | 1 | 01-02-7215 | .00 | 133.20 | 133.20 |
| Total 62906: | | | | | | | | .00 | | 133.20 |
| **62907** | | | | | | | | | | |
| 05/23 | 05/17/2023 | 62907 | 678 | PLAYAWAY PRODUCTS | 424013 TRU | 1 | 02-00-8211 | .00 | 710.86 | 710.86 |
| Total 62907: | | | | | | | | .00 | | 710.86 |
| **62908** | | | | | | | | | | |
| 05/23 | 05/17/2023 | 62908 | 226 | RAFTELIS FINANCIAL CONSULT | 28189 | 1 | 04-00-7310 | .00 | 840.00 | 840.00 |
| 05/23 | 05/17/2023 | 62908 | 226 | RAFTELIS FINANCIAL CONSULT | 28189 | 2 | 05-00-7310 | .00 | 840.00 | 840.00 |
| 05/23 | 05/17/2023 | 62908 | 226 | RAFTELIS FINANCIAL CONSULT | 28189 | 3 | 07-00-7310 | .00 | 420.00 | 420.00 |
| Total 62908: | | | | | | | | .00 | | 2,100.00 |
| **62909** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62909 | 547 | 4IMPRINT, INC. | 25104822 | 1 | 02-00-8610 | .00 | 1,663.01 | 1,663.01 |
| Total 62909: | | | | | | | | .00 | | 1,663.01 |
| **62910** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62910 | 643 | A-1 HEATING & AIR CONDITIONI | I67559 | 1 | 02-00-7520 | .00 | 110.00 | 110.00 |
| Total 62910: | | | | | | | | .00 | | 110.00 |
| **62911** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62911 | 182 | ADAMSON POLICE PRODUCTS | INV396173 | 1 | 01-02-7400 | .00 | 2.95 | 2.95 |
| Total 62911: | | | | | | | | .00 | | 2.95 |
| **62912** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62912 | 128 | ALL COPY PRODUCTS INC | 34034458 | 1 | 01-02-5125 | .00 | 203.67 | 203.67 |
| 05/23 | 05/31/2023 | 62912 | 128 | ALL COPY PRODUCTS INC | 34034458 | 2 | 01-02-7215 | .00 | 475.23 | 475.23 |
| 05/23 | 05/31/2023 | 62912 | 128 | ALL COPY PRODUCTS INC | AR3941445 | 1 | 01-02-7215 | .00 | 131.92 | 131.92 |
| 05/23 | 05/31/2023 | 62912 | 128 | ALL COPY PRODUCTS INC | AR3941445 | 2 | 01-02-5125 | .00 | 56.54 | 56.54 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62912: | | | | | | | | .00 | | 867.36 |
| **62913** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62913 | 168 | ALSCO - LARAMIE | LLAR162424 | 1 | 02-00-7315 | .00 | 112.69 | 112.69 |
| 05/23 | 05/31/2023 | 62913 | 168 | ALSCO - LARAMIE | LLAR162424 | 2 | 01-02-7215 | .00 | 64.23 | 64.23 |
| 05/23 | 05/31/2023 | 62913 | 168 | ALSCO - LARAMIE | LLAR162424 | 3 | 01-06-7215 | .00 | 480.01 | 480.01 |
| Total 62913: | | | | | | | | .00 | | 656.93 |
| **62914** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62914 | 395 | AMERICAN FIDELITY | D593434 | 1 | 01-00-2250 | .00 | 837.50 | 837.50 |
| 05/23 | 05/31/2023 | 62914 | 395 | AMERICAN FIDELITY | D593434 | 2 | 02-00-2250 | .00 | 28.60 | 28.60 |
| 05/23 | 05/31/2023 | 62914 | 395 | AMERICAN FIDELITY | D593434 | 3 | 03-00-2250 | .00 | 28.00 | 28.00 |
| 05/23 | 05/31/2023 | 62914 | 395 | AMERICAN FIDELITY | D593434 | 4 | 05-00-2250 | .00 | 33.40 | 33.40 |
| Total 62914: | | | | | | | | .00 | | 927.50 |
| **62915** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62915 | 399 | AMERICAN FIDELITY Flex | 2204486A | 1 | 01-00-2250 | .00 | 92.30 | 92.30 |
| 05/23 | 05/31/2023 | 62915 | 399 | AMERICAN FIDELITY Flex | 2204486A | 2 | 02-00-2250 | .00 | 46.15 | 46.15 |
| Total 62915: | | | | | | | | .00 | | 138.45 |
| **62916** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 2047 MAY23 | 1 | 05-00-7510 | .00 | 449.37 | 449.37 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 3402 MAY23 | 1 | 01-06-7510 | .00 | 174.95 | 174.95 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 3635 MAY23 | 1 | 01-06-7510 | .00 | 152.69 | 152.69 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 3877 MAY23 | 1 | 01-06-7510 | .00 | 51.51 | 51.51 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 6490 MAY23 | 1 | 01-06-7510 | .00 | 46.14 | 46.14 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 6669 MAY23 | 1 | 01-06-7510 | .00 | 215.00 | 215.00 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 7557 MAY23 | 1 | 02-00-7510 | .00 | 178.36 | 178.36 |
| 05/23 | 05/31/2023 | 62916 | 53 | ATMOS ENERGY | 9495 MAY23 | 1 | 01-04-7510 | .00 | 32.71 | 32.71 |
| Total 62916: | | | | | | | | .00 | | 1,300.73 |
| **62917** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 1 | 01-01-6182 | .00 | 174.06 | 174.06 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 2 | 01-00-2230 | .00 | 580.42 | 580.42 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 3 | 01-02-6182 | .00 | 464.16 | 464.16 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 4 | 01-03-6182 | .00 | 46.42 | 46.42 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 5 | 01-04-6182 | .00 | 65.74 | 65.74 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 6 | 02-00-6182 | .00 | 270.76 | 270.76 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 7 | 02-00-2230 | .00 | 101.01 | 101.01 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 8 | 03-00-6182 | .00 | 65.76 | 65.76 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 9 | 03-00-2230 | .00 | 87.77 | 87.77 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 10 | 04-00-6182 | .00 | 94.77 | 94.77 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 11 | 04-00-2230 | .00 | 79.59 | 79.59 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 12 | 05-00-6182 | .00 | 56.09 | 56.09 |
| 05/23 | 05/31/2023 | 62917 | 439 | BEAM INSURANCE ADMINISTR | CO04728-20 | 13 | 05-00-2230 | .00 | 25.32 | 25.32 |
| Total 62917: | | | | | | | | .00 | | 2,111.87 |
| **62918** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62918 | 404 | BEARCOM | 5554908 | 1 | 01-02-7220 | .00 | 76.76 | 76.76 |
| Total 62918: | | | | | | | | .00 | | 76.76 |
| **62919** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62919 | 543 | BEN DIORIO | 5001 | 1 | 01-02-7240 | .00 | 120.00 | 120.00 |
| Total 62919: | | | | | | | | .00 | | 120.00 |
| **62920** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62920 | 632 | CAPITAL BUSINESS SYSTEMS I | 1277770 | 1 | 02-00-8540 | .00 | 154.49 | 154.49 |
| Total 62920: | | | | | | | | .00 | | 154.49 |
| **62921** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62921 | 616 | CAROLINE WICKES | MAY 23 REI | 1 | 02-00-7235 | .00 | 24.38 | 24.38 |
| 05/23 | 05/31/2023 | 62921 | 616 | CAROLINE WICKES | MAY 23 REI | 2 | 02-00-8600 | .00 | 116.68 | 116.68 |
| Total 62921: | | | | | | | | .00 | | 141.06 |
| **62922** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62922 | 390 | CASELLE INC | 124886 | 1 | 01-01-7280 | .00 | 7,360.00 | 7,360.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62922: | | | | | | | | .00 | | 7,360.00 |
| **62923** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62923 | 701 | CATHEE HANSEN | PHONE REI | 1 | 01-02-7215 | .00 | 107.08 | 107.08 |
| Total 62923: | | | | | | | | .00 | | 107.08 |
| **62924** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62924 | 69 | CENTURY LINK | 484B JUN23 | 1 | 01-01-7220 | .00 | 52.53 | 52.53 |
| 05/23 | 05/31/2023 | 62924 | 69 | CENTURY LINK | 484B JUN23 | 2 | 01-02-7220 | .00 | 52.54 | 52.54 |
| 05/23 | 05/31/2023 | 62924 | 69 | CENTURY LINK | 507B MAY23 | 1 | 02-00-7220 | .00 | 226.84 | 226.84 |
| 05/23 | 05/31/2023 | 62924 | 69 | CENTURY LINK | 642B JUN 23 | 1 | 05-00-7510 | .00 | 260.17 | 260.17 |
| Total 62924: | | | | | | | | .00 | | 592.08 |
| **62925** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 1 | 01-01-6180 | .00 | 464.64 | 464.64 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 2 | 01-02-6180 | .00 | 919.38 | 919.38 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 3 | 01-03-6180 | .00 | 82.25 | 82.25 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 4 | 01-04-6180 | .00 | 91.87 | 91.87 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 5 | 02-00-6180 | .00 | 397.80 | 397.80 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 6 | 03-00-6180 | .00 | 103.43 | 103.43 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 7 | 04-00-6180 | .00 | 133.90 | 133.90 |
| 05/23 | 05/31/2023 | 62925 | 196 | COMPANION LIFE | 634788 | 8 | 05-00-6180 | .00 | 27.50 | 27.50 |
| Total 62925: | | | | | | | | .00 | | 2,220.77 |
| **62926** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62926 | 342 | COUNTRY JOHNS | 23-1325 | 1 | 01-04-7215 | .00 | 220.00 | 220.00 |
| Total 62926: | | | | | | | | .00 | | 220.00 |
| **62927** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62927 | 142 | DANA KEPNER COMPANY | 6232724-00 | 1 | 07-00-7520 | .00 | 1,255.58 | 1,255.58 |
| 05/23 | 05/31/2023 | 62927 | 142 | DANA KEPNER COMPANY | 6232751-00 | 1 | 04-00-7215 | .00 | 109.00 | 109.00 |
| 05/23 | 05/31/2023 | 62927 | 142 | DANA KEPNER COMPANY | 6232802-00 | 1 | 07-00-7520 | .00 | 659.64 | 659.64 |
| 05/23 | 05/31/2023 | 62927 | 142 | DANA KEPNER COMPANY | 6232979-00 | 1 | 04-00-7215 | .00 | 497.60 | 497.60 |
| 05/23 | 05/31/2023 | 62927 | 142 | DANA KEPNER COMPANY | 6233286-00 | 1 | 04-00-7215 | .00 | 362.25 | 362.25 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62927: | | | | | | | | .00 | | 2,884.07 |
| **62928** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62928 | 28 | DEMCO INC | 7310164 | 1 | 02-00-5660 | .00 | 339.69 | 339.69 |
| Total 62928: | | | | | | | | .00 | | 339.69 |
| **62929** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62929 | 703 | DENVER ZOOLOGICAL FOUND | 2023 MEMB | 1 | 02-00-5660 | .00 | 1,400.00 | 1,400.00 |
| Total 62929: | | | | | | | | .00 | | 1,400.00 |
| **62930** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62930 | 599 | DOTTIE'S PIES | 1173 | 1 | 02-00-7240 | .00 | 310.00 | 310.00 |
| Total 62930: | | | | | | | | .00 | | 310.00 |
| **62931** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62931 | 35 | EATON GROVE NURSERY | MAY 2023 | 1 | 01-04-7530 | .00 | 527.75 | 527.75 |
| 05/23 | 05/31/2023 | 62931 | 35 | EATON GROVE NURSERY | MAY 2023 2 | 1 | 01-07-9210 | .00 | 353.19 | 353.19 |
| Total 62931: | | | | | | | | .00 | | 880.94 |
| **62932** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 1 | 01-01-6182 | .00 | 387.10 | 387.10 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 2 | 01-00-2230 | .00 | 352.44 | 352.44 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 3 | 01-02-6182 | .00 | 930.65 | 930.65 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 4 | 01-03-6182 | .00 | 151.55 | 151.55 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 5 | 01-04-6182 | .00 | 112.74 | 112.74 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 6 | 02-00-6182 | .00 | 625.20 | 625.20 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 7 | 02-00-2230 | .00 | 46.71 | 46.71 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 8 | 03-00-6182 | .00 | 54.41 | 54.41 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 9 | 04-00-6182 | .00 | 241.44 | 241.44 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 10 | 04-00-2230 | .00 | 19.84 | 19.84 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 11 | 05-00-6182 | .00 | 115.15 | 115.15 |
| 05/23 | 05/31/2023 | 62932 | 152 | FIDELITY SECURITY LIFE INSU | 156892 | 12 | 05-00-2230 | .00 | 19.84 | 19.84 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 62932: | | | | | | | | .00 | | 3,057.07 |
| **62933** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62933 | 702 | GRANT MANAGEMENT USA | ABNMM-052 | 1 | 01-01-7240 | .00 | 565.00 | 565.00 |
| Total 62933: | | | | | | | | .00 | | 565.00 |
| **62934** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62934 | 111 | HIGH PLAINS LIBRARY DISTRIC | 05182023 | 1 | 02-00-7240 | .00 | 30.00 | 30.00 |
| 05/23 | 05/31/2023 | 62934 | 111 | HIGH PLAINS LIBRARY DISTRIC | 5336 | 1 | 02-00-8211 | .00 | 558.76 | 558.76 |
| 05/23 | 05/31/2023 | 62934 | 111 | HIGH PLAINS LIBRARY DISTRIC | 5336 | 2 | 02-00-8510 | .00 | 2,793.41 | 2,793.41 |
| Total 62934: | | | | | | | | .00 | | 3,382.17 |
| **62935** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62935 | 99 | HILL & ROBBINS P.C. | 2900 | 1 | 07-00-7310 | .00 | 276.00 | 276.00 |
| Total 62935: | | | | | | | | .00 | | 276.00 |
| **62936** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1752598 | 1 | 01-02-7400 | .00 | 78.00 | 78.00 |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1782491 | 1 | 05-00-7400 | .00 | 75.00 | 75.00 |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1782568 | 1 | 01-02-7400 | .00 | 79.00 | 79.00 |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1782595 | 1 | 01-01-7400 | .00 | 244.00 | 244.00 |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1782597 | 1 | 03-00-7400 | .00 | 285.34 | 285.34 |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1782597 | 2 | 01-03-7400 | .00 | 285.33 | 285.33 |
| 05/23 | 05/31/2023 | 62936 | 339 | MONARCH PROMOTIONAL DES | 1782597 | 3 | 01-04-7400 | .00 | 285.33 | 285.33 |
| Total 62936: | | | | | | | | .00 | | 1,332.00 |
| **62937** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 1 | 01-01-6180 | .00 | 225.90 | 225.90 |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 2 | 01-02-6180 | .00 | 448.82 | 448.82 |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 3 | 01-03-6180 | .00 | 40.04 | 40.04 |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 4 | 01-04-6180 | .00 | 44.70 | 44.70 |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 5 | 02-00-6180 | .00 | 192.97 | 192.97 |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 6 | 03-00-6180 | .00 | 34.81 | 34.81 |
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 7 | 04-00-6180 | .00 | 64.80 | 64.80 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/31/2023 | 62937 | 117 | PRINCIPAL LIFE | JUN 2023 | 8 | 05-00-6180 | .00 | 37.60 | 37.60 |
| Total 62937: | | | | | | | | .00 | | 1,089.64 |
| **62938** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62938 | 466 | SPRING CREEK ELECTRIC LLC | 2322 | 1 | 03-00-9210 | .00 | 1,101.96 | 1,101.96 |
| Total 62938: | | | | | | | | .00 | | 1,101.96 |
| **62939** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62939 | 370 | TARGET SPECIALTY PRODUCT | INVP501147 | 1 | 01-03-7215 | .00 | 3,795.00 | 3,795.00 |
| 05/23 | 05/31/2023 | 62939 | 370 | TARGET SPECIALTY PRODUCT | INVP501147 | 2 | 01-04-7215 | .00 | 3,795.00 | 3,795.00 |
| 05/23 | 05/31/2023 | 62939 | 370 | TARGET SPECIALTY PRODUCT | INVP501147 | 1 | 01-03-7215 | .00 | 1,492.50 | 1,492.50 |
| 05/23 | 05/31/2023 | 62939 | 370 | TARGET SPECIALTY PRODUCT | INVP501147 | 2 | 01-04-7215 | .00 | 1,492.50 | 1,492.50 |
| 05/23 | 05/31/2023 | 62939 | 370 | TARGET SPECIALTY PRODUCT | INVP501155 | 1 | 01-03-7215 | .00 | 2,282.25 | 2,282.25 |
| 05/23 | 05/31/2023 | 62939 | 370 | TARGET SPECIALTY PRODUCT | INVP501155 | 2 | 01-04-7215 | .00 | 2,282.25 | 2,282.25 |
| Total 62939: | | | | | | | | .00 | | 15,139.50 |
| **62940** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62940 | 157 | TDS BROADBAND LLC | 2379 JUN23 | 1 | 01-02-7220 | .00 | 57.98 | 57.98 |
| 05/23 | 05/31/2023 | 62940 | 157 | TDS BROADBAND LLC | 2379 JUN23 | 2 | 01-01-7220 | .00 | 57.97 | 57.97 |
| Total 62940: | | | | | | | | .00 | | 115.95 |
| **62941** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62941 | 534 | TEXAS LIFE INSURANCE COMP | SM0F502023 | 1 | 02-00-2260 | .00 | 31.00 | 31.00 |
| 05/23 | 05/31/2023 | 62941 | 534 | TEXAS LIFE INSURANCE COMP | SM0F502023 | 2 | 01-00-2260 | .00 | 31.00 | 31.00 |
| 05/23 | 05/31/2023 | 62941 | 534 | TEXAS LIFE INSURANCE COMP | SM0F502023 | 3 | 05-00-2260 | .00 | 13.00 | 13.00 |
| Total 62941: | | | | | | | | .00 | | 75.00 |
| **62942** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62942 | 437 | TREE CARE UNLIMITED | 820 | 1 | 01-03-7530 | .00 | 812.50 | 812.50 |
| 05/23 | 05/31/2023 | 62942 | 437 | TREE CARE UNLIMITED | 820 | 2 | 01-04-7530 | .00 | 2,437.50 | 2,437.50 |
| Total 62942: | | | | | | | | .00 | | 3,250.00 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **62943** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62943 | 705 | TRIPLE S PARTY RENTAL | 48649 | 1 | 02-00-8600 | .00 | 160.56 | 160.56 |
| Total 62943: | | | | | | | | .00 | | 160.56 |
| **62944** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62944 | 6 | VALLEY IRRIGATION OF GREEL | 79929 | 1 | 01-03-7215 | .00 | 379.20 | 379.20 |
| Total 62944: | | | | | | | | .00 | | 379.20 |
| **62945** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62945 | 109 | WELD COUNTY HEALTH DEPT | E230176 | 1 | 04-00-7310 | .00 | 252.00 | 252.00 |
| Total 62945: | | | | | | | | .00 | | 252.00 |
| **62946** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62946 | 422 | WORKWELL OCCUPATIONAL M | 753065 | 1 | 01-03-7215 | .00 | 38.52 | 38.52 |
| 05/23 | 05/31/2023 | 62946 | 422 | WORKWELL OCCUPATIONAL M | 755382 | 1 | 01-04-7215 | .00 | 38.52 | 38.52 |
| 05/23 | 05/31/2023 | 62946 | 422 | WORKWELL OCCUPATIONAL M | 755382 | 2 | 03-00-7215 | .00 | 38.52 | 38.52 |
| Total 62946: | | | | | | | | .00 | | 115.56 |
| **62947** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62947 | 704 | WOWZERS | 75DD367E-0 | 1 | 02-00-8610 | .00 | 595.50 | 595.50 |
| Total 62947: | | | | | | | | .00 | | 595.50 |
| **62948** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 62948 | 707 | ZUNI SIGN COMPANY | 7845 | 1 | 03-00-5700 | .00 | 11,686.38 | 11,686.38 |
| Total 62948: | | | | | | | | .00 | | 11,686.38 |
| **42723007** | | | | | | | | | | |
| 05/23 | 05/05/2023 | 42723007 | 686 | MASTERS OF COLORADO INC | 69966 | 1 | 01-01-7130 | .00 | 3,393.95 | 3,393.95 |
| 05/23 | 05/05/2023 | 42723007 | 686 | MASTERS OF COLORADO INC | 69967 | 1 | 01-01-7130 | .00 | 599.04 | 599.04 |
| 05/23 | 05/05/2023 | 42723007 | 686 | MASTERS OF COLORADO INC | 70126 | 1 | 01-01-7130 | .00 | 1,125.48 | 1,125.48 |
| Total 42723007: | | | | | | | | .00 | | 5,118.47 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **51523001** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523001 | 2 | AGFINITY INC | 000067 | 1 | 01-02-7225 | .00 | 180.00 | 180.00 |
| Total 51523001: | | | | | | | | .00 | | 180.00 |
| **51523002** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27955 | 1 | 03-00-9201 | .00 | 3,663.75 | 3,663.75 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27956 | 1 | 01-08-6270 | .00 | 47.50 | 47.50 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27957 | 1 | 01-08-6270 | .00 | 437.50 | 437.50 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27958 | 1 | 01-08-7310 | .00 | 3,265.00 | 3,265.00 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27959 | 1 | 01-03-9130 | .00 | 287.50 | 287.50 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27960 | 1 | 01-08-6270 | .00 | 85.00 | 85.00 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27961 | 1 | 01-08-6270 | .00 | 972.50 | 972.50 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27962 | 1 | 01-08-6270 | .00 | 1,210.00 | 1,210.00 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 27963 | 1 | 01-08-6270 | .00 | 213.75 | 213.75 |
| 05/23 | 05/15/2023 | 51523002 | 367 | BASELINE | 28025 | 1 | 03-00-5700 | .00 | 570.00 | 570.00 |
| Total 51523002: | | | | | | | | .00 | | 10,752.50 |
| **51523003** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523003 | 145 | CONNECTING POINT | CW138393 | 1 | 01-01-5640 | .00 | 2,841.81 | 2,841.81 |
| 05/23 | 05/15/2023 | 51523003 | 145 | CONNECTING POINT | CW138495 | 1 | 01-01-5640 | .00 | 495.27 | 495.27 |
| Total 51523003: | | | | | | | | .00 | | 3,337.08 |
| **51523004** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523004 | 170 | DATA CONTROL SYSTEMS INC | 40438 | 1 | 01-01-7210 | .00 | 119.10 | 119.10 |
| Total 51523004: | | | | | | | | .00 | | 119.10 |
| **51523005** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523005 | 565 | Ellen Dykstra | MAY23 REIM | 1 | 02-00-8600 | .00 | 153.93 | 153.93 |
| Total 51523005: | | | | | | | | .00 | | 153.93 |
| **51523006** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523006 | 43 | FAIRBANK EQUIPMENT INC | S2395454.00 | 1 | 01-03-7215 | .00 | 122.07 | 122.07 |
| 05/23 | 05/15/2023 | 51523006 | 43 | FAIRBANK EQUIPMENT INC | S2395454.00 | 2 | 01-04-7215 | .00 | 122.07 | 122.07 |
| 05/23 | 05/15/2023 | 51523006 | 43 | FAIRBANK EQUIPMENT INC | S2398995.00 | 1 | 01-04-7215 | .00 | 221.68 | 221.68 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 51523006: | | | | | | | | .00 | | 465.82 |
| **51523007** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523007 | 25 | GRANITE TELECOMMUNICATIO | 600160829 | 1 | 01-01-7220 | .00 | 176.32 | 176.32 |
| 05/23 | 05/15/2023 | 51523007 | 25 | GRANITE TELECOMMUNICATIO | 600160829 | 2 | 01-02-7220 | .00 | 176.33 | 176.33 |
| Total 51523007: | | | | | | | | .00 | | 352.65 |
| **51523008** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523008 | 230 | HARSH INTERNATIONAL INC | 27222 | 1 | 01-03-7525 | .00 | 37.99 | 37.99 |
| 05/23 | 05/15/2023 | 51523008 | 230 | HARSH INTERNATIONAL INC | 27222 | 2 | 01-04-7525 | .00 | 37.99 | 37.99 |
| Total 51523008: | | | | | | | | .00 | | 75.98 |
| **51523009** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523009 | 441 | INNOVATIVE FINANCE | 7648 | 1 | 07-00-7215 | .00 | 179.70 | 179.70 |
| 05/23 | 05/15/2023 | 51523009 | 441 | INNOVATIVE FINANCE | 7648 | 2 | 06-00-7216 | .00 | 359.40 | 359.40 |
| 05/23 | 05/15/2023 | 51523009 | 441 | INNOVATIVE FINANCE | 7648 | 3 | 05-00-7215 | .00 | 628.95 | 628.95 |
| 05/23 | 05/15/2023 | 51523009 | 441 | INNOVATIVE FINANCE | 7648 | 4 | 04-00-7215 | .00 | 628.95 | 628.95 |
| Total 51523009: | | | | | | | | .00 | | 1,797.00 |
| **51523010** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523010 | 285 | KEY PEOPLE CO | MAY230505 | 1 | 02-00-7315 | .00 | 2,795.00 | 2,795.00 |
| Total 51523010: | | | | | | | | .00 | | 2,795.00 |
| **51523011** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523011 | 603 | KURB APPEAL LLC | 003733 | 1 | 01-06-7320 | .00 | 2,290.00 | 2,290.00 |
| Total 51523011: | | | | | | | | .00 | | 2,290.00 |
| **51523012** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523012 | 44 | LAW OFFICE OF AVI S ROCKLIN | 2966 | 1 | 04-00-7310 | .00 | 1,642.50 | 1,642.50 |
| 05/23 | 05/15/2023 | 51523012 | 44 | LAW OFFICE OF AVI S ROCKLIN | 2966 | 2 | 01-01-7320 | .00 | 6,735.50 | 6,735.50 |
| 05/23 | 05/15/2023 | 51523012 | 44 | LAW OFFICE OF AVI S ROCKLIN | 2967 | 1 | 01-02-5130 | .00 | 2,812.50 | 2,812.50 |
| 05/23 | 05/15/2023 | 51523012 | 44 | LAW OFFICE OF AVI S ROCKLIN | 2968 | 1 | 01-08-7320 | .00 | 206.50 | 206.50 |
| 05/23 | 05/15/2023 | 51523012 | 44 | LAW OFFICE OF AVI S ROCKLIN | 2969 | 1 | 01-08-7320 | .00 | 206.50 | 206.50 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 51523012: | | | | | | | | .00 | | 11,603.50 |
| **51523013** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523013 | 1002 | MASTERS TELECOM LLC | 17317 | 1 | 01-01-7210 | .00 | 34.49 | 34.49 |
| Total 51523013: | | | | | | | | .00 | | 34.49 |
| **51523014** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523014 | 71 | MY OFFICE ETC | 295677-0 | 1 | 01-01-7210 | .00 | 23.07 | 23.07 |
| 05/23 | 05/15/2023 | 51523014 | 71 | MY OFFICE ETC | 295683-0 | 1 | 01-01-7210 | .00 | 106.83 | 106.83 |
| 05/23 | 05/15/2023 | 51523014 | 71 | MY OFFICE ETC | 295683-1 | 1 | 01-01-7210 | .00 | 20.32 | 20.32 |
| 05/23 | 05/15/2023 | 51523014 | 71 | MY OFFICE ETC | 295683-2 | 1 | 01-01-7210 | .00 | 4.98 | 4.98 |
| 05/23 | 05/15/2023 | 51523014 | 71 | MY OFFICE ETC | 295890-0 | 1 | 01-01-7210 | .00 | 112.45 | 112.45 |
| 05/23 | 05/15/2023 | 51523014 | 71 | MY OFFICE ETC | 295890-1 | 1 | 01-01-7210 | .00 | 135.48 | 135.48 |
| Total 51523014: | | | | | | | | .00 | | 403.13 |
| **51523015** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 1 | 01-08-7350 | .00 | 370.95 | 370.95 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 2 | 01-01-7310 | .00 | 323.36 | 323.36 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 3 | 05-00-7320 | .00 | 119.50 | 119.50 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 4 | 01-03-9130 | .00 | 226.90 | 226.90 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 5 | 04-00-7310 | .00 | 810.00 | 810.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 6 | 03-00-5700 | .00 | 483.00 | 483.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 7 | 04-00-7310 | .00 | 123.00 | 123.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 8 | 05-00-7310 | .00 | 123.00 | 123.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 9 | 07-00-7310 | .00 | 123.00 | 123.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 10 | 01-08-7350 | .00 | 153.75 | 153.75 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 11 | 01-08-7350 | .00 | 441.00 | 441.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 12 | 01-08-7350 | .00 | 153.75 | 153.75 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-001/000 | 13 | 01-08-7350 | .00 | 63.00 | 63.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 1 | 04-00-7310 | .00 | 1,700.75 | 1,700.75 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 2 | 04-00-7310 | .00 | 758.50 | 758.50 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 3 | 07-00-7310 | .00 | 845.95 | 845.95 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 4 | 03-00-7310 | .00 | 1,200.43 | 1,200.43 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 5 | 03-00-7310 | .00 | 280.00 | 280.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 6 | 03-00-7310 | .00 | 75.00 | 75.00 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 7 | 03-00-7310 | .00 | 126.25 | 126.25 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 8 | 03-00-7310 | .00 | 1,410.95 | 1,410.95 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 9 | 01-08-7350 | .00 | 1,959.70 | 1,959.70 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-823/000 | 10 | 01-01-7130 | .00 | 499.25 | 499.25 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-923/000 | 1 | 01-08-7350 | .00 | 375.75 | 375.75 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-923/000 | 2 | 01-08-7350 | .00 | 926.45 | 926.45 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-923/000 | 3 | 01-08-7350 | .00 | 385.50 | 385.50 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-923/000 | 4 | 01-08-7350 | .00 | 877.50 | 877.50 |
| 05/23 | 05/15/2023 | 51523015 | 191 | NORTHERN ENGINEERING INC | 1127-923/000 | 5 | 01-08-7350 | .00 | 195.00 | 195.00 |
| Total 51523015: | | | | | | | | .00 | | 15,131.19 |
| **51523016** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523016 | 420 | PSYCHOLOGICAL DIMENSIONS | 3541 | 1 | 01-02-7215 | .00 | 400.00 | 400.00 |
| Total 51523016: | | | | | | | | .00 | | 400.00 |
| **51523017** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523017 | 653 | SARAH WALTERS | MAY TRAINI | 1 | 01-01-7240 | .00 | 137.57 | 137.57 |
| Total 51523017: | | | | | | | | .00 | | 137.57 |
| **51523018** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523018 | 695 | SCOTT MOSER | APR23 REIM | 1 | 01-01-7230 | .00 | 84.63 | 84.63 |
| Total 51523018: | | | | | | | | .00 | | 84.63 |
| **51523019** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523019 | 356 | USABLUEBOOK | 261737 | 1 | 05-00-7215 | .00 | 104.11 | 104.11 |
| 05/23 | 05/15/2023 | 51523019 | 356 | USABLUEBOOK | 281459 | 1 | 05-00-7215 | .00 | 43.95 | 43.95 |
| Total 51523019: | | | | | | | | .00 | | 148.06 |
| **51523020** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9931197257 | 1 | 01-02-7220 | .00 | 1,049.37 | 1,049.37 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 1 | 01-01-7220 | .00 | 506.36 | 506.36 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 2 | 01-03-7215 | .00 | 50.74 | 50.74 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 3 | 01-02-7220 | .00 | 321.55 | 321.55 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 4 | 01-04-7215 | .00 | 116.12 | 116.12 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 5 | 03-00-7215 | .00 | 103.33 | 103.33 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 6 | 05-00-7510 | .00 | 116.12 | 116.12 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933210429 | 7 | 04-00-7510 | .00 | 116.12 | 116.12 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933292104 | 1 | 04-00-7510 | .00 | 20.02 | 20.02 |
| 05/23 | 05/15/2023 | 51523020 | 313 | VERIZON WIRELESS | 9933583414 | 1 | 01-02-7220 | .00 | 1,157.49 | 1,157.49 |
| Total 51523020: | | | | | | | | .00 | | 3,557.22 |
| **51523021** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523021 | 224 | WASTE MANAGEMENT INC | 5049925-253 | 1 | 06-00-9030 | .00 | 41,863.65 | 41,863.65 |
| 05/23 | 05/15/2023 | 51523021 | 224 | WASTE MANAGEMENT INC | 5050551-253 | 1 | 06-00-9030 | .00 | 548.34 | 548.34 |
| Total 51523021: | | | | | | | | .00 | | 42,411.99 |
| **51523022** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523022 | 501 | WESLEY LAVANCHY | VEH STIPEN | 1 | 01-01-7235 | .00 | 500.00 | 500.00 |
| Total 51523022: | | | | | | | | .00 | | 500.00 |
| **51523023** | | | | | | | | | | |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 826291920 | 1 | 03-00-7515 | .00 | 6,872.38 | 6,872.38 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 826768236 | 1 | 01-04-7510 | .00 | 16.58 | 16.58 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 826768236 | 2 | 01-06-7510 | .00 | 82.49 | 82.49 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 827497356 | 1 | 01-06-7510 | .00 | 22.60 | 22.60 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 827779109 | 1 | 01-04-7510 | .00 | 57.98 | 57.98 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 827868350 | 1 | 01-06-7510 | .00 | 18.17 | 18.17 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 827971750 | 1 | 01-04-7510 | .00 | 13.99 | 13.99 |
| 05/23 | 05/15/2023 | 51523023 | 56 | XCEL ENERGY | 82897244 | 1 | 05-00-7510 | .00 | 299.13 | 299.13 |
| Total 51523023: | | | | | | | | .00 | | 7,383.32 |
| **51723001** | | | | | | | | | | |
| 05/23 | 05/17/2023 | 51723001 | 585 | GREGORY BRINCK | APR23 MR | 1 | 01-01-7240 | .00 | 268.75 | 268.75 |
| 05/23 | 05/17/2023 | 51723001 | 585 | GREGORY BRINCK | APR23 MR | 2 | 01-01-7240 | .00 | 147.50 | 147.50 |
| Total 51723001: | | | | | | | | .00 | | 416.25 |
| **53123001** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123001 | 8 | ABLAO LAW LLC | 1196 | 1 | 01-02-5135 | .00 | 1,400.00 | 1,400.00 |
| 05/23 | 05/31/2023 | 53123001 | 8 | ABLAO LAW LLC | 1196 | 2 | 01-02-5135 | .00 | 246.66 | 246.66 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| Total 53123001: | | | | | | | | .00 | | 1,646.66 |
| **53123002** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123002 | 583 | CIVICPLUS LLC | 257525 | 1 | 01-01-7230 | .00 | 1,092.54 | 1,092.54 |
| Total 53123002: | | | | | | | | .00 | | 1,092.54 |
| **53123003** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 1 | 01-01-5640 | .00 | 1,420.24 | 1,420.24 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 2 | 01-02-5640 | .00 | 1,039.49 | 1,039.49 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 3 | 02-00-5640 | .00 | 111.09 | 111.09 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 4 | 03-00-5640 | .00 | 24.69 | 24.69 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 5 | 04-00-5640 | .00 | 866.69 | 866.69 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 6 | 05-00-5640 | .00 | 854.34 | 854.34 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 7 | 06-00-7310 | .00 | 842.00 | 842.00 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 8 | 07-00-7310 | .00 | 842.00 | 842.00 |
| 05/23 | 05/31/2023 | 53123003 | 145 | CONNECTING POINT | CW138567 | 9 | 08-00-5640 | .00 | 12.34 | 12.34 |
| Total 53123003: | | | | | | | | .00 | | 6,012.88 |
| **53123004** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123004 | 170 | DATA CONTROL SYSTEMS INC | 40466 | 1 | 04-00-7210 | .00 | 667.45 | 667.45 |
| 05/23 | 05/31/2023 | 53123004 | 170 | DATA CONTROL SYSTEMS INC | 40466 | 2 | 05-00-7210 | .00 | 667.45 | 667.45 |
| 05/23 | 05/31/2023 | 53123004 | 170 | DATA CONTROL SYSTEMS INC | 40466 | 3 | 06-00-7210 | .00 | 381.40 | 381.40 |
| 05/23 | 05/31/2023 | 53123004 | 170 | DATA CONTROL SYSTEMS INC | 40466 | 4 | 07-00-7210 | .00 | 190.70 | 190.70 |
| Total 53123004: | | | | | | | | .00 | | 1,907.00 |
| **53123005** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123005 | 43 | FAIRBANK EQUIPMENT INC | S2401236.00 | 1 | 03-00-7215 | .00 | 223.48 | 223.48 |
| Total 53123005: | | | | | | | | .00 | | 223.48 |
| **53123006** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123006 | 474 | FIRST ARMORED SERVICES LL | 1979 | 1 | 01-02-7225 | .00 | 2,080.08 | 2,080.08 |
| Total 53123006: | | | | | | | | .00 | | 2,080.08 |

| GL Period | Check Issue Date | Check Number | Vendor Number | Payee | Invoice Number | Invoice Sequence | Invoice GL Account | Discount Taken | Invoice Amount | Check Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| **53123007** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123007 | 1002 | MASTERS TELECOM LLC | 18538 | 1 | 01-01-7210 | .00 | 34.49 | 34.49 |
| Total 53123007: | | | | | | | | .00 | | 34.49 |
| **53123008** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123008 | 71 | MY OFFICE ETC | 295139-0 | 1 | 01-01-7230 | .00 | 17.49 | 17.49 |
| Total 53123008: | | | | | | | | .00 | | 17.49 |
| **53123009** | | | | | | | | | | |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 827783935 | 1 | 04-00-7510 | .00 | 61.27 | 61.27 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828091293 | 1 | 01-03-7510 | .00 | 223.07 | 223.07 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 1 | 04-00-7510 | .00 | 828.83 | 828.83 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 2 | 01-04-7510 | .00 | 22.61- | 22.61- |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 3 | 01-03-7510 | .00 | 420.76 | 420.76 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 4 | 07-00-7510 | .00 | 750.02- | 750.02- |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 5 | 01-06-7510 | .00 | 235.47 | 235.47 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 6 | 02-00-7510 | .00 | 112.44 | 112.44 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828277431 | 7 | 05-00-7510 | .00 | 1,580.18 | 1,580.18 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828302701 | 1 | 01-04-7510 | .00 | 11.97 | 11.97 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 828664026 | 1 | 01-04-7510 | .00 | 18.21 | 18.21 |
| 05/23 | 05/31/2023 | 53123009 | 56 | XCEL ENERGY | 829019848 | 1 | 07-00-7510 | .00 | 1,367.70 | 1,367.70 |
| Total 53123009: | | | | | | | | .00 | | 4,087.27 |
| Grand Totals: | | | | | | | | .00 | | 395,294.99 |

Summary by General Ledger Account Number

| GL Account | Debit | Credit | Proof |
|---|---|---|---|
| 01-00-2000 | 22.61 | 179,543.52- | 179,520.91- |
| 01-00-2230 | 932.86 | .00 | 932.86 |
| 01-00-2250 | 1,022.10 | .00 | 1,022.10 |
| 01-00-2260 | 31.00 | .00 | 31.00 |
| 01-00-4200 | 20.00 | .00 | 20.00 |

| GL Account | Debit | Credit | Proof |
|---|---|---|---|
| 01-01-5640 | 4,757.32 | .00 | 4,757.32 |
| 01-01-6160 | 7,009.11 | .00 | 7,009.11 |
| 01-01-6180 | 703.93 | .00 | 703.93 |
| 01-01-6182 | 561.16 | .00 | 561.16 |
| 01-01-7130 | 5,617.72 | .00 | 5,617.72 |
| 01-01-7210 | 666.40 | .00 | 666.40 |
| 01-01-7220 | 845.71 | .00 | 845.71 |
| 01-01-7230 | 1,390.21 | .00 | 1,390.21 |
| 01-01-7235 | 500.00 | .00 | 500.00 |
| 01-01-7240 | 1,118.82 | .00 | 1,118.82 |
| 01-01-7260 | 2,879.94 | .00 | 2,879.94 |
| 01-01-7270 | 4,418.52 | .00 | 4,418.52 |
| 01-01-7280 | 8,816.00 | .00 | 8,816.00 |
| 01-01-7310 | 11,773.36 | .00 | 11,773.36 |
| 01-01-7320 | 6,735.50 | .00 | 6,735.50 |
| 01-01-7400 | 244.00 | .00 | 244.00 |
| 01-01-7410 | 4,899.08 | .00 | 4,899.08 |
| 01-02-5125 | 474.02 | .00 | 474.02 |
| 01-02-5130 | 2,812.50 | .00 | 2,812.50 |
| 01-02-5135 | 1,646.66 | .00 | 1,646.66 |
| 01-02-5140 | 223.08 | .00 | 223.08 |
| 01-02-5620 | 3,000.12 | .00 | 3,000.12 |
| 01-02-5640 | 1,039.49 | .00 | 1,039.49 |
| 01-02-5660 | 26.99 | .00 | 26.99 |
| 01-02-6180 | 1,394.98 | .00 | 1,394.98 |
| 01-02-6182 | 1,394.81 | .00 | 1,394.81 |
| 01-02-7210 | 90.71 | .00 | 90.71 |
| 01-02-7215 | 5,495.68 | .00 | 5,495.68 |
| 01-02-7220 | 3,200.51 | .00 | 3,200.51 |
| 01-02-7225 | 2,629.58 | .00 | 2,629.58 |
| 01-02-7227 | 26,198.92 | .00 | 26,198.92 |
| 01-02-7240 | 314.71 | .00 | 314.71 |
| 01-02-7400 | 803.78 | .00 | 803.78 |
| 01-02-9120 | 320.02 | .00 | 320.02 |
| 01-03-5620 | 309.68 | .00 | 309.68 |
| 01-03-6180 | 124.20 | .00 | 124.20 |
| 01-03-6182 | 197.97 | .00 | 197.97 |
| 01-03-7215 | 8,994.54 | .00 | 8,994.54 |
| 01-03-7400 | 816.65 | .00 | 816.65 |
| 01-03-7510 | 643.83 | .00 | 643.83 |

| GL Account | Debit | Credit | Proof |
|---|---|---|---|
| 01-03-7525 | 69.04 | .00 | 69.04 |
| 01-03-7530 | 812.50 | .00 | 812.50 |
| 01-03-9130 | 919.40 | .00 | 919.40 |
| 01-04-5620 | 501.20 | .00 | 501.20 |
| 01-04-6180 | 139.44 | .00 | 139.44 |
| 01-04-6182 | 178.48 | .00 | 178.48 |
| 01-04-7215 | 12,121.40 | .00 | 12,121.40 |
| 01-04-7310 | 172.50 | .00 | 172.50 |
| 01-04-7400 | 708.66 | .00 | 708.66 |
| 01-04-7510 | 205.78 | 22.61- | 183.17 |
| 01-04-7520 | 46.43 | .00 | 46.43 |
| 01-04-7525 | 13,274.10 | .00 | 13,274.10 |
| 01-04-7530 | 2,965.25 | .00 | 2,965.25 |
| 01-06-7215 | 960.02 | .00 | 960.02 |
| 01-06-7320 | 2,290.00 | .00 | 2,290.00 |
| 01-06-7510 | 2,973.86 | .00 | 2,973.86 |
| 01-06-7520 | 569.50 | .00 | 569.50 |
| 01-06-9120 | 640.00 | .00 | 640.00 |
| 01-07-9210 | 353.19 | .00 | 353.19 |
| 01-08-6270 | 2,966.25 | .00 | 2,966.25 |
| 01-08-7310 | 3,265.00 | .00 | 3,265.00 |
| 01-08-7320 | 413.00 | .00 | 413.00 |
| 01-08-7350 | 5,902.35 | .00 | 5,902.35 |
| 02-00-2000 | 38.98 | 25,299.12- | 25,260.14- |
| 02-00-2230 | 147.72 | .00 | 147.72 |
| 02-00-2250 | 120.90 | .00 | 120.90 |
| 02-00-2260 | 31.00 | .00 | 31.00 |
| 02-00-5640 | 486.94 | .00 | 486.94 |
| 02-00-5660 | 1,739.69 | .00 | 1,739.69 |
| 02-00-6180 | 606.07 | .00 | 606.07 |
| 02-00-6182 | 895.96 | .00 | 895.96 |
| 02-00-7215 | 852.41 | 38.98- | 813.43 |
| 02-00-7216 | 932.25 | .00 | 932.25 |
| 02-00-7220 | 226.84 | .00 | 226.84 |
| 02-00-7235 | 24.38 | .00 | 24.38 |
| 02-00-7240 | 390.04 | .00 | 390.04 |
| 02-00-7270 | 655.93 | .00 | 655.93 |
| 02-00-7315 | 5,606.93 | .00 | 5,606.93 |
| 02-00-7510 | 1,047.61 | .00 | 1,047.61 |
| 02-00-7520 | 1,071.14 | .00 | 1,071.14 |

| GL Account | Debit | Credit | Proof |
|---|---|---|---|
| 02-00-8211 | 1,963.35 | .00 | 1,963.35 |
| 02-00-8510 | 3,158.74 | .00 | 3,158.74 |
| 02-00-8535 | 23.64 | .00 | 23.64 |
| 02-00-8540 | 191.46 | .00 | 191.46 |
| 02-00-8600 | 2,867.61 | .00 | 2,867.61 |
| 02-00-8610 | 2,258.51 | .00 | 2,258.51 |
| 03-00-2000 | 281.24 | 42,140.94- | 41,859.70- |
| 03-00-2230 | 87.77 | .00 | 87.77 |
| 03-00-2250 | 28.00 | .00 | 28.00 |
| 03-00-5620 | 1,096.74 | .00 | 1,096.74 |
| 03-00-5640 | 24.69 | .00 | 24.69 |
| 03-00-5700 | 12,739.38 | .00 | 12,739.38 |
| 03-00-6180 | 141.10 | .00 | 141.10 |
| 03-00-6182 | 120.17 | .00 | 120.17 |
| 03-00-7215 | 799.65 | .00 | 799.65 |
| 03-00-7270 | 117.13 | .00 | 117.13 |
| 03-00-7310 | 4,682.48 | .00 | 4,682.48 |
| 03-00-7400 | 708.68 | .00 | 708.68 |
| 03-00-7515 | 13,876.11 | .00 | 13,876.11 |
| 03-00-7525 | 412.80 | 281.24- | 131.56 |
| 03-00-7610 | 160.93 | .00 | 160.93 |
| 03-00-9120 | 2,379.60 | .00 | 2,379.60 |
| 03-00-9201 | 3,663.75 | .00 | 3,663.75 |
| 03-00-9210 | 1,101.96 | .00 | 1,101.96 |
| 04-00-2000 | .00 | 75,729.50- | 75,729.50- |
| 04-00-2230 | 99.43 | .00 | 99.43 |
| 04-00-5620 | 275.73 | .00 | 275.73 |
| 04-00-5640 | 866.69 | .00 | 866.69 |
| 04-00-6180 | 200.61 | .00 | 200.61 |
| 04-00-6182 | 336.21 | .00 | 336.21 |
| 04-00-7210 | 667.45 | .00 | 667.45 |
| 04-00-7215 | 3,519.12 | .00 | 3,519.12 |
| 04-00-7270 | 93.71 | .00 | 93.71 |
| 04-00-7310 | 17,801.87 | .00 | 17,801.87 |
| 04-00-7510 | 1,026.24 | .00 | 1,026.24 |
| 04-00-9000 | 50,842.44 | .00 | 50,842.44 |
| 05-00-2000 | .00 | 12,133.64- | 12,133.64- |
| 05-00-2230 | 45.16 | .00 | 45.16 |
| 05-00-2250 | 33.40 | .00 | 33.40 |
| 05-00-2260 | 13.00 | .00 | 13.00 |

| GL Account | Debit | Credit | Proof |
|---|---|---|---|
| 05-00-5620 | 70.54 | .00 | 70.54 |
| 05-00-5640 | 854.34 | .00 | 854.34 |
| 05-00-6180 | 68.93 | .00 | 68.93 |
| 05-00-6182 | 171.24 | .00 | 171.24 |
| 05-00-7210 | 667.45 | .00 | 667.45 |
| 05-00-7215 | 843.67 | .00 | 843.67 |
| 05-00-7270 | 93.71 | .00 | 93.71 |
| 05-00-7310 | 3,496.29 | .00 | 3,496.29 |
| 05-00-7320 | 119.50 | .00 | 119.50 |
| 05-00-7400 | 189.97 | .00 | 189.97 |
| 05-00-7510 | 4,848.88 | .00 | 4,848.88 |
| 05-00-7520 | 617.56 | .00 | 617.56 |
| 06-00-2000 | .00 | 45,494.79- | 45,494.79- |
| 06-00-7210 | 381.40 | .00 | 381.40 |
| 06-00-7216 | 359.40 | .00 | 359.40 |
| 06-00-7310 | 2,342.00 | .00 | 2,342.00 |
| 06-00-9030 | 42,411.99 | .00 | 42,411.99 |
| 07-00-2000 | 750.02 | 16,033.99- | 15,283.97- |
| 07-00-7210 | 190.70 | .00 | 190.70 |
| 07-00-7215 | 383.40 | .00 | 383.40 |
| 07-00-7310 | 6,351.95 | .00 | 6,351.95 |
| 07-00-7510 | 1,367.70 | 750.02- | 617.68 |
| 07-00-7520 | 1,915.22 | .00 | 1,915.22 |
| 07-00-9150 | 5,825.02 | .00 | 5,825.02 |
| 08-00-2000 | .00 | 12.34- | 12.34- |
| 08-00-5640 | 12.34 | .00 | 12.34 |
| Grand Totals: | 397,480.69 | 397,480.69- | .00 |

Dated: _____

Mayor: _____

City Council: _____

_____

_____

_____

_____

_____

City Recorder: _____

Report Criteria:
Report type: GL detail
Check.Type = {<>} "Adjustment"

4/30/2023

## GENERAL FUND

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| | **REVENUE** | | | | | |
| 01-00-4110 | Property Taxes | 133,215.85 | 319,156.13 | 482,663.00 | 163,506.87 | 66.12% |
| 01-00-4120 | Sales Tax | 188,572.52 | 837,345.01 | 2,636,800.00 | 1,799,454.99 | 31.76% |
| 01-00-4130 | Franchise Tax - Xcel Energy | 11,790.01 | 49,239.38 | 120,000.00 | 70,760.62 | 41.03% |
| 01-00-4140 | Franchise Tax - Atmos Energy | - | 31,929.06 | 62,500.00 | 30,570.94 | 51.09% |
| 01-00-4150 | Occupation Tax - Century Link | - | 5,000.00 | 21,792.00 | 16,792.00 | 22.94% |
| 01-00-4160 | Franchise Tax - Other | - | 1,138.30 | 5,000.00 | 3,861.70 | 22.77% |
| 01-00-4170 | Penalties & Interest | - | - | 400.00 | 400.00 | 0.00% |
| 01-00-4200 | Business Licenses | 140.00 | 820.00 | 1,900.00 | 1,080.00 | 43.16% |
| 01-00-4210 | Liquor Licenses | 330.00 | 2,582.22 | 1,100.00 | (1,482.22) | 234.75% |
| 01-00-4220 | Building Permits | 6,911.67 | 25,863.21 | 100,000.00 | 74,136.79 | 25.86% |
| 01-00-4230 | Back Flow Permit Fee | 150.00 | 675.00 | - | (675.00) | #DIV/0! |
| 01-00-4250 | Animal Licenses | 10.00 | 30.00 | 380.00 | 350.00 | 7.89% |
| 01-00-4260 | Contractor License | 200.00 | 900.00 | 2,500.00 | 1,600.00 | 36.00% |
| 01-00-4310 | Lottery Proceeds | - | 12,247.91 | 34,000.00 | 21,752.09 | 36.02% |
| 01-00-4320 | Cigarette Tax | 244.29 | 2,092.09 | 5,200.00 | 3,107.91 | 40.23% |
| 01-00-4410 | Grave Openings | 2,450.00 | 7,105.00 | 28,900.00 | 21,795.00 | 24.58% |
| 01-00-4420 | Cemetery Admin Miscellaneous | - | 60.00 | - | (60.00) | #DIV/0! |
| 01-00-4430 | Sale of Cemetery Plots | 8,925.00 | 12,285.00 | 45,000.00 | 32,715.00 | 27.30% |
| 01-00-4440 | Columbarium Cemetery | 4,403.00 | 7,360.00 | - | (7,360.00) | #DIV/0! |
| 01-00-4540 | Recreation Fees | - | - | - | - | #DIV/0! |
| 01-00-4580 | Planning / Dev Revenue | 9,779.05 | 47,590.63 | 90,000.00 | 42,409.37 | 52.88% |
| 01-00-4710 | Court Fines | 30,023.97 | 88,143.41 | 335,000.00 | 246,856.59 | 26.31% |
| 01-00-4810 | Miscellaneous Revenue | 6,139.41 | 51,450.05 | 30,000.00 | (21,450.05) | 171.50% |
| 01-00-4815 | Mineral & Severance Taxes | - | - | 30,000.00 | 30,000.00 | 0.00% |
| 01-00-4820 | Interest Income | 9,215.00 | 15,161.62 | 2,000.00 | (13,161.62) | 758.08% |
| 01-00-4830 | Contributions & Grants | - | 38,771.81 | 26,500.00 | (12,271.81) | 146.31% |
| 01-00-4840 | Transfers From Other Funds | 862.37 | 862.37 | 215,752.00 | 214,889.63 | 0.40% |
| | TOTAL REVENUE | 413,362.14 | 1,557,808.20 | 4,277,387.00 | 2,719,578.80 | 36.42% |

## GENERAL FUND EXPENDITURES

### ADMIN

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-01-5600 | Tuition Reimbursement | - | - | 10,000.00 | 10,000.00 | 0.00% |
| 01-01-5640 | IT | 1,400.63 | 8,005.67 | 30,000.00 | 21,994.33 | 26.69% |
| | SALARIES | 45,882.49 | 176,386.36 | 636,683.00 | 460,296.64 | 27.70% |
| | BENEFITS | 12,625.85 | 39,564.86 | 178,271.00 | 138,706.14 | 22.19% |
| 01-01-6150 | Municipal Judge | - | - | - | - | #DIV/0! |
| 01-01-6160 | HR Generalist | 7,009.11 | 16,837.15 | 45,000.00 | 28,162.85 | 37.42% |
| 01-01-6266 | Emergencies | - | - | - | - | #DIV/0! |
| 01-01-7110 | Elections | - | - | 10,000.00 | 10,000.00 | 0.00% |
| 01-01-7130 | Sales Tax Initiative | 7,729.38 | 8,114.31 | - | (8,114.31) | #DIV/0! |
| 01-01-7210 | Office Supplies | 995.69 | 5,511.23 | 21,000.00 | 15,488.77 | 26.24% |
| 01-01-7220 | Communications | 782.59 | 3,171.34 | 11,000.00 | 7,828.66 | 28.83% |
| 01-01-7230 | Office Expenses | 976.65 | 3,479.55 | 15,000.00 | 11,520.45 | 23.20% |
| 01-01-7235 | Mileage Reimbursements | 500.00 | 2,366.25 | - | (2,366.25) | #DIV/0! |
| 01-01-7240 | Training | 5,556.79 | 6,981.90 | 15,000.00 | 8,018.10 | 46.55% |
| 01-01-7250 | Dues and Subscriptions | - | 2,498.00 | 10,000.00 | 7,502.00 | 24.98% |
| 01-01-7260 | Publication Expense | 2,879.94 | 5,557.44 | 10,000.00 | 4,442.56 | 55.57% |
| 01-01-7270 | Insurance | - | 67,986.29 | 80,000.00 | 12,013.71 | 84.98% |
| 01-01-7280 | SOFTWARE | 1,456.00 | 58,081.50 | 26,000.00 | (32,081.50) | 223.39% |
| 01-01-7290 | Employee Recognition | 139.19 | 495.49 | 12,000.00 | 11,504.51 | 4.13% |
| 01-01-7310 | Professional Services | 12,748.59 | 32,620.37 | 90,000.00 | 57,379.63 | 36.24% |
| 01-01-7320 | Legal Fees | 6,735.50 | 27,247.50 | 94,010.00 | 66,762.50 | 28.98% |
| 01-01-7410 | Building Inspections | 4,915.08 | 20,475.22 | 120,000.00 | 99,524.78 | 17.06% |
| 01-01-9110 | Office Equipment | - | 778.34 | 40,000.00 | 39,221.66 | 1.95% |
| | | 112,333.48 | 486,158.77 | 1,453,964.00 | 967,805.23 | 33.44% |

Caselle software payment budgeted in other years last payment was made in January 2023. roll over from 2022 to 2023

### POLICE

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-02-5125 | Court Operating Supplies | 352.30 | 2,105.15 | 19,000.00 | 16,894.85 | 11.08% |
| 01-02-5130 | Court Prosecutor | 2,812.50 | 9,127.50 | 35,000.00 | 25,872.50 | 26.08% |
| 01-02-5135 | Court Judge | 1,400.00 | 5,600.00 | 17,000.00 | 11,400.00 | 32.94% |
| 01-02-5140 | Court Translator | 223.08 | 564.87 | 2,000.00 | 1,435.13 | 28.24% |
| 01-02-5300 | End of Summer Bash Police | - | - | - | - | #DIV/0! |
| 01-02-5610 | CO Responder Program | - | - | 11,500.00 | 11,500.00 | 0.00% |
| 01-02-5620 | Fuel | 3,000.12 | 11,762.55 | 39,000.00 | 27,237.45 | 30.16% |
| 01-02-5640 | IT | 1,015.32 | 4,063.71 | - | (4,063.71) | #DIV/0! |
| 01-02-5650 | Sponsorship | - | - | - | - | #DIV/0! |
| 01-02-5660 | Community Policing | 96.70 | 157.62 | 3,000.00 | 2,842.38 | 5.25% |
| | SALARIES | 91,720.07 | 359,944.20 | 1,225,289.00 | 865,344.80 | 29.38% |
| | BENEFITS | 28,046.27 | 80,934.09 | 318,575.00 | 237,640.91 | 25.41% |
| 01-02-7210 | Office Supplies | 99.50 | 2,849.69 | 13,000.00 | 10,150.31 | 21.92% |
| 01-02-7212 | Consulting | - | - | - | - | #DIV/0! |
| 01-02-7215 | Operating Supplies | 8,786.53 | 38,026.15 | 58,500.00 | 20,473.85 | 65.00% |
| 01-02-7220 | Communications | 2,942.06 | 86,297.87 | 104,056.00 | 17,758.13 | 82.93% |
| 01-02-7225 | Automotive Services | 2,318.99 | 14,326.37 | 25,000.00 | 10,673.63 | 57.31% |
| 01-02-7226 | Jail Services | - | 30.30 | 600.00 | 569.70 | 5.05% |
| 01-02-7240 | Training | 244.71 | 2,575.98 | 20,000.00 | 17,424.02 | 12.88% |
| 01-02-7400 | Uniforms | 754.36 | 4,894.43 | 10,500.00 | 5,605.57 | 46.61% |
| 01-02-8100 | County Dispatch Fees | - | - | - | - | #DIV/0! |
| 01-02-8110 | Animal Shelter | - | 304.50 | 1,500.00 | 1,195.50 | 20.30% |
| 01-02-8535 | Gift Expenses | - | 28.83 | - | (28.83) | #DIV/0! |
| 01-02-9110 | Office Equipment | 101.98 | 1,397.71 | 5,500.00 | 4,102.29 | 25.41% |
| 01-02-9120 | Equipment Acquisition | (1,205.49) | 117,884.34 | 127,500.00 | 9,615.66 | 92.46% |
| 01-02-9140 | Court Equipment | - | - | - | - | #DIV/0! |
| 01-02-9160 | Firearms / Range | 341.54 | 2,396.60 | 5,750.00 | 3,353.40 | 41.68% |
| 01-02-9170 | Taser / Axon | - | 24,808.70 | 26,252.00 | 1,443.30 | 94.50% |
| | | 143,050.54 | 770,081.16 | 2,068,522.00 | 1,298,440.84 | 37.23% |

## CEMETERY

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-03-5620 | Fuel | 309.68 | 976.40 | 5,000.00 | 4,023.60 | 19.53% |
| | SALARIES | 10,042.45 | 32,394.29 | 116,106.00 | 83,711.71 | 27.90% |
| | BENEFITS | 3,221.58 | 9,474.32 | 30,188.00 | 20,713.68 | 31.38% |
| 01-03-7215 | Operating Supplies | 7,438.93 | 12,726.94 | 28,709.00 | 15,982.06 | 44.33% |
| 01-03-7240 | Training | 625.00 | 625.00 | - | (625.00) | #DIV/0! |
| 01-03-7280 | SOFTWARE | - | - | - | - | #DIV/0! |
| 01-03-7310 | Professional Services | - | - | 23,000.00 | 23,000.00 | 0.00% |
| 01-03-7400 | Uniforms | 531.32 | 531.32 | 650.00 | 118.68 | 81.74% |
| 01-03-7510 | Utilities | 440.12 | 927.43 | 12,000.00 | 11,072.57 | 7.73% |
| 01-03-7520 | Repairs & Maintenance | - | 73.76 | 12,000.00 | 11,926.24 | 0.61% |
| 01-03-7525 | Equipment Maintenance | 3,439.14 | 3,694.49 | - | (3,694.49) | #DIV/0! |
| 01-03-7530 | Forestry & Nursery | - | - | 15,000.00 | 15,000.00 | 0.00% |
| 01-03-9120 | Equipment Acquisition | - | - | 1,700.00 | 1,700.00 | 0.00% |
| 01-03-9130 | Cemetery Improvements | 919.40 | 37,357.59 | 290,000.00 | 252,642.41 | 12.88% |
| | | 26,967.62 | 98,781.54 | 534,353.00 | 435,571.46 | 18.49% |

## PARKS

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-04-5620 | Fuel | 501.20 | 1,004.13 | 12,000.00 | 10,995.87 | 8.37% |
| | SALARIES | 9,620.97 | 36,975.90 | 159,688.00 | 122,712.10 | 23.16% |
| | BENEFITS | 3,056.96 | 8,887.69 | 41,519.00 | 32,631.31 | 21.41% |
| 01-04-7215 | Operating Supplies | 5,290.93 | 19,889.45 | 105,000.00 | 85,110.55 | 18.94% |
| 01-04-7240 | Training | 197.50 | 197.50 | 500.00 | 302.50 | 39.50% |
| 01-04-7280 | SOFTWARE | - | - | - | - | #DIV/0! |
| 01-04-7310 | Professional Services | 172.50 | 172.50 | 37,500.00 | 37,327.50 | 0.46% |
| 01-04-7400 | Uniforms | 423.33 | 613.32 | 1,500.00 | 886.68 | 40.89% |
| 01-04-7510 | Utilities | 272.34 | 1,614.31 | 27,000.00 | 25,385.69 | 5.98% |
| 01-04-7520 | Repairs & Maintenance | 46.43 | 120.19 | 10,000.00 | 9,879.81 | 1.20% |
| 01-04-7525 | Equipment Maintenance | 834.30 | 1,400.32 | 5,000.00 | 3,599.68 | 28.01% |
| 01-04-7530 | Forestry & Nursery | - | 16,589.25 | 15,000.00 | (1,589.25) | 110.60% |
| 01-04-7535 | Trails | - | - | 2,000.00 | 2,000.00 | 0.00% |
| 01-04-9125 | Equipment Acquisition | - | 43,532.00 | 48,000.00 | 4,468.00 | 90.69% |
| 01-04-9130 | Park Development | - | - | - | - | #DIV/0! |
| | | 20,416.46 | 130,996.56 | 464,707.00 | 333,710.44 | 28.19% |

## BUILDING

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-06-7215 | Operating Supplies | 960.02 | 3,897.99 | 15,770.00 | 11,872.01 | 24.72% |
| 01-06-7280 | SOFTWARE | - | - | - | - | #DIV/0! |
| 01-06-7320 | Custodial Services | 2,319.13 | 9,478.85 | 29,480.00 | 20,001.15 | 32.15% |
| 01-06-7510 | Utilities | 2,486.96 | 14,182.01 | 25,920.00 | 11,737.99 | 54.71% |
| 01-06-7520 | Repairs & Maintenance | 4,454.50 | 9,671.61 | 30,900.00 | 21,228.39 | 31.30% |
| 01-06-9005 | Town Hall Annex Lease Payments | - | - | - | - | #DIV/0! |
| 01-06-9110 | Acq of Equipment | 225.86 | 225.86 | - | (225.86) | #DIV/0! |
| | Building | | | | | |
| 01-06-9120 | Improvements/Equipmen | 640.00 | 4,116.00 | 13,750.00 | 9,634.00 | 29.93% |
| 01-06-9140 | Museum Lease Payments | - | - | - | - | #DIV/0! |
| | | 11,086.47 | 41,572.32 | 115,820.00 | 74,247.68 | 35.89% |

## MISCELLANEOUS

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-07-8800 | Treasurers Fees | 1,323.53 | 3,183.03 | 6,000.00 | 2,816.97 | 53% |
| 01-07-8900 | Miscellaneous Expense | 10,633.00 | 21,262.65 | 6,000.00 | (15,262.65) | 354% |
| 01-07-9120 | Equipment Acquisition | - | - | - | - | #DIV/0! |
| 01-07-9210 | Economic Development | - | - | 75,000.00 | 75,000.00 | 0% |
| 01-07-9220 | Transfers to Other Funds | - | - | - | - | #DIV/0! |
| 01-07-9240 | Shelton Trust Fund Grants | - | - | - | - | #DIV/0! |
| | | 11,956.53 | 24,445.68 | 87,000.00 | 62,554.32 | 28% |

## PLANNING AND DEVELOPMENT

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 01-08-6270 | Planner | 2,966.25 | 12,232.35 | 75,000.00 | 62,767.65 | 16% |
| 01-08-7310 | Professional Services | 3,265.00 | 17,308.75 | 15,000.00 | (2,308.75) | 115% |
| 01-08-7320 | Legal Fees | 413.00 | 1,534.00 | 14,000.00 | 12,466.00 | 11% |
| 01-08-7350 | Engineering | 5,902.35 | 17,038.31 | 33,000.00 | 15,961.69 | 52% |
| 01-08-9150 | Capital Projects | - | - | 400,000.00 | 400,000.00 | 0% |
| | | 12,546.60 | 48,113.41 | 537,000.00 | 488,886.59 | 9% |
| TOTAL GENERAL FUND EXPENDITURES | | 338,357.70 | 1,600,149.44 | 5,261,366.00 | 3,661,216.56 | 30% |
| NET SURPLUS (DEFICIT) | | 75,004.44 | (42,341.24) | (983,979.00) | | |

## LIBRARY

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 02-00-4110 | Property Taxes | 58,523.92 | 257,272.01 | 2,000,009.00 | 1,742,736.99 | 12.86% |
| 02-00-4500 | Art Special Projects | 20.00 | 285.00 | - | (285.00) | #DIV/0! |
| 02-00-4730 | Library Fines & Miscellaneous | 577.00 | 612.93 | 500.00 | (112.93) | 122.59% |
| 02-00-4805 | Gifts & Memorials | 179.00 | 229.00 | - | (229.00) | #DIV/0! |
| 02-00-4820 | Interest Income | - | 8,106.66 | 500.00 | (7,606.66) | 1621.33% |
| 02-00-4830 | Grant Proceeds | 15,000.00 | 15,000.00 | - | (15,000.00) | #DIV/0! |
| | TOTAL REVENUE | 74,299.92 | 281,505.60 | 2,001,009.00 | 1,719,503.40 | 14.07% |
| | | | | | | |
| | EXPENDITURES | | | | | |
| | SALARIES | 40,734.33 | 164,311.43 | 628,533.00 | 464,221.57 | 26.14% |
| | BENEFITS | 13,251.69 | 38,566.45 | 157,133.00 | 118,566.55 | 24.54% |
| | Transfers out General Fund | | | | | |
| 02-00-6150 | Administration costs | - | - | 31,740.00 | 31,740.00 | 0.00% |
| 02-00-5640 | IT | 472.97 | 1,225.06 | 20,000.00 | 18,774.94 | 6.13% |
| 02-00-5660 | Community Engagement | 274.78 | 691.40 | 15,000.00 | 14,308.60 | 4.61% |
| 02-00-6266 | Emergencies | - | - | - | - | #DIV/0! |
| 02-00-7215 | Operating Supplies | 1,714.95 | 11,415.29 | 20,000.00 | 8,584.71 | 57.08% |
| 02-00-7216 | Public Relations | 250.00 | 1,513.68 | 11,000.00 | 9,486.32 | 13.76% |
| 02-00-7217 | Postage | - | - | 500.00 | 500.00 | 0.00% |
| 02-00-7220 | Communications | 903.62 | 1,355.15 | 6,018.00 | 4,662.85 | 22.52% |
| 02-00-7235 | Mileage Reimbursements | 130.75 | 289.76 | 3,500.00 | 3,210.24 | 8.28% |
| 02-00-7240 | Training/ travel/ meetings | 1,576.36 | 3,759.33 | 22,050.00 | 18,290.67 | 17.05% |
| 02-00-7270 | Insurance | - | 9,555.20 | 25,800.00 | 16,244.80 | 37.04% |
| 02-00-7315 | Contract Services | 5,746.58 | 25,916.38 | 65,000.00 | 39,083.62 | 39.87% |
| 02-00-7510 | Utilities | 1,271.49 | 6,113.92 | 20,000.00 | 13,886.08 | 30.57% |
| 02-00-7520 | Repairs & Maintenance | 1,720.85 | 9,925.79 | 38,500.00 | 28,574.21 | 25.78% |
| 02-00-8211 | Media | 5,507.96 | 7,083.56 | 20,000.00 | 12,916.44 | 35.42% |
| 02-00-8400 | Art Expense Special Projects | - | 10,000.00 | 10,000.00 | - | 100.00% |
| 02-00-8510 | Print | 4,256.81 | 14,459.59 | 35,000.00 | 20,540.41 | 41.31% |
| 02-00-8520 | Reference | - | - | - | - | #DIV/0! |
| 02-00-8530 | Periodicals | 34.00 | 624.98 | 5,150.00 | 4,525.02 | 12.14% |
| 02-00-8535 | Gift Expenses | 222.87 | 1,069.74 | 2,500.00 | 1,430.26 | 42.79% |
| 02-00-8540 | Makers Space | 2,424.29 | 3,564.05 | 18,000.00 | 14,435.95 | 19.80% |
| 02-00-8600 | Library Programs | 3,906.25 | 10,946.89 | 60,000.00 | 49,053.11 | 18.24% |
| 02-00-8610 | Summer Reading | 212.50 | 212.50 | 10,000.00 | 9,787.50 | 2.13% |
| 02-00-9110 | Acq of Equipment | 3,459.76 | 6,576.14 | 32,000.00 | 25,423.86 | 20.55% |
| 02-00-9150 | Capital Projects | - | 4,582.87 | 953,500.00 | 948,917.13 | 0.48% |
| | TOTAL EXPENDITURES | 88,072.81 | 333,759.16 | 2,210,924.00 | 1,877,164.84 | 15.10% |
| | | | | | | |
| | NET SURPLUS (DEFICIT) | (13,772.89) | (52,253.56) | (209,915.00) | | |

## STREETS

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| | REVENUE | | | | | |
| 03-00-4010 | Highway Users Tax | 14,263.06 | 54,068.82 | 185,114.00 | 131,045.18 | 29.21% |
| 03-00-4020 | County Road & Bridge | 8,829.00 | 17,658.00 | 54,000.00 | 36,342.00 | 32.70% |
| 03-00-4120 | Sales Tax | 80,816.79 | 358,862.16 | 1,138,150.00 | 779,287.84 | 31.53% |
| 03-00-4175 | B & "D" Tax | 1,544.37 | 6,528.43 | 20,000.00 | 13,471.57 | 32.64% |
| 03-00-4185 | Motor Vehicle Fees | 1,797.80 | 7,021.40 | 25,000.00 | 17,978.60 | 28.09% |
| 03-00-4230 | Right of Way Permits | 450.00 | 950.00 | 1,050.00 | 100.00 | 90.48% |
| 03-00-4240 | Easements | - | 274,172.80 | - | (274,172.80) | #DIV/0! |
| 03-00-4810 | Miscellaneous | - | - | 50,162.00 | 50,162.00 | 0.00% |
| 03-00-4815 | Mineral & Severance Taxes | - | - | - | - | #DIV/0! |
| 03-00-4820 | Interest Income | - | 4,646.82 | 33.00 | (4,613.82) | 14081.27% |
| 03-00-4830 | Grant Proceeds | - | - | 1,260,000.00 | 1,260,000.00 | 0.00% |
| | TOTAL REVENUE | 107,701.02 | 723,908.43 | 2,733,509.00 | 2,009,600.57 | 26.48% |
| | | | | | | |
| | EXPENSES | | | | | |
| 03-00-5620 | Fuel | 1,096.74 | 3,018.58 | 7,000.00 | 3,981.42 | 43.12% |
| 03-00-5630 | Pavement Data Collection | - | 3,599.00 | - | (3,599.00) | #DIV/0! |
| 03-00-5700 | Roundabout | 1,053.00 | 1,053.00 | - | (1,053.00) | #DIV/0! |
| 03-00-5640 | IT | 21.58 | 86.62 | - | (86.62) | #DIV/0! |
| | SALARIES | 9,285.53 | 39,846.35 | 131,504.00 | 91,657.65 | 30.30% |
| | BENEFITS | 2,706.07 | 8,956.78 | 31,567.00 | 22,610.22 | 28.37% |
| 03-00-7210 | Office Supplies | - | 58.45 | - | (58.45) | #DIV/0! |
| 03-00-7215 | Operating Supplies | 1,406.68 | 15,765.39 | 30,000.00 | 14,234.61 | 52.55% |
| 03-00-7240 | Training | - | - | - | - | #DIV/0! |
| 03-00-7270 | Insurance | - | 7,261.84 | 10,128.00 | 2,866.16 | 71.70% |
| 03-00-7280 | SOFTWARE | - | - | - | - | #DIV/0! |
| 03-00-7310 | Professional Services | 4,716.23 | 24,579.37 | 79,000.00 | 54,420.63 | 31.11% |
| 03-00-7325 | Snow Removal - Private Con | - | 667.50 | 2,500.00 | 1,832.50 | 26.70% |
| 03-00-7350 | Engineering | - | - | - | - | #DIV/0! |
| 03-00-7320 | Engineering Services | - | 4,175.00 | 200,000.00 | 195,825.00 | 2.09% |
| 03-00-7400 | Uniforms | 423.34 | 558.33 | 850.00 | 291.67 | 65.69% |
| 03-00-7510 | Utilities | 24.12 | 96.50 | - | (96.50) | #DIV/0! |
| 03-00-7515 | Street Lighting | 13,894.44 | 48,674.73 | 108,479.00 | 59,804.27 | 44.87% |
| 03-00-7525 | Equipment Maintenance | 11,190.02 | 24,655.00 | 20,000.00 | (4,655.00) | 123.28% |
| 03-00-7610 | Signs | 15.93 | 8,090.70 | 20,000.00 | 11,909.30 | 40.45% |
| 03-00-7620 | Surface Maint - Patching | 2,184.00 | 2,184.00 | 100,000.00 | 97,816.00 | 2.18% |
| 03-00-9120 | Equipment Acquisition | 18,560.60 | 28,749.60 | 31,700.00 | 2,950.40 | 90.69% |
| 03-00-9201 | Street Scape 1st Street Projec | 3,663.75 | 11,031.25 | 2,000,000.00 | 1,988,968.75 | 0.55% |
| 03-00-9210 | Street Capital Improvements | 10,633.00 | 21,262.64 | 572,696.00 | 551,433.36 | 3.71% |
| 03-00-9220 | Sidewalk Construction | - | - | 30,000.00 | 30,000.00 | 0.00% |
| 03-00-9230 | Storm Sewer Construction | - | - | 60,000.00 | 60,000.00 | 0.00% |
| | TOTAL EXPENDITURES | 80,875.03 | 254,370.63 | 3,435,424.00 | 3,181,053.37 | 7.40% |
| | | | | | | |
| | NET SURPLUS (DEFICIT) | 26,825.99 | 469,537.80 | (701,915.00) | | |

## WATER

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| | **REVENUE** | | | | | |
| 04-00-4000 | Water Service Fees | 167,880.74 | 682,298.40 | 2,601,500.00 | 1,919,201.60 | 26.23% |
| 04-00-4011 | Water Tap Fees | - | - | 40,800.00 | 40,800.00 | 0.00% |
| 04-00-4040 | Loan Proceeds | - | - | - | - | #DIV/0! |
| 04-00-4810 | Miscellaneous Revenue | 100.00 | 200.00 | 400.00 | 200.00 | 50.00% |
| 04-00-4820 | Interest Revenue | 710.51 | 6,073.07 | 125.00 | (5,948.07) | 4858.46% |
| 04-00-4830 | Grants | - | - | 25,000.00 | 25,000.00 | 0.00% |
| | TOTAL REVENUE | 168,691.25 | 688,571.47 | 2,667,825.00 | 1,979,253.53 | 25.81% |
| | | | | | | |
| | EXPENDITURES | | | | | |
| 04-00-5620 | Fuel | 275.73 | 1,652.81 | 5,500.00 | 3,847.19 | 30% |
| 04-00-5640 | IT | 864.25 | 3,457.30 | 6,000.00 | 2,542.70 | 58% |
| 04-00-5800 | NWCWD Plant Investments | - | - | 264,750.00 | 264,750.00 | 0% |
| 04-00-5810 | Water bank purchases | - | - | 300,000.00 | 300,000.00 | 0% |
| | SALARIES | 9,980.82 | 41,975.57 | 167,184.00 | 125,208.43 | 25% |
| | BENEFITS | 4,175.05 | 11,597.70 | 43,468.00 | 31,870.30 | 27% |
| 04-00-7210 | Office Supplies | - | 630.44 | 4,200.00 | 3,569.56 | 15% |
| 04-00-7215 | Operating Supplies | 5,355.15 | 41,841.75 | 30,000.00 | (11,841.75) | 139% |
| 04-00-7216 | Miscellaneous Expense | - | - | 7,000.00 | 7,000.00 | 0% |
| 04-00-7240 | Training | - | 139.61 | - | (139.61) | #DIV/0! |
| 04-00-7270 | Insurance | - | 15,777.06 | 23,328.00 | 7,550.94 | 68% |
| 04-00-7280 | SOFTWARE | - | - | - | - | #DIV/0! |
| 04-00-7310 | Professional Services | 21,135.45 | 72,207.44 | 135,910.00 | 63,702.56 | 53% |
| 04-00-7320 | Engineering Services | - | - | 14,000.00 | 14,000.00 | 0% |
| 04-00-7400 | Uniforms | - | - | 1,000.00 | 1,000.00 | 0% |
| 04-00-7510 | Utilities | 1,257.02 | 4,436.48 | 17,000.00 | 12,563.52 | 26% |
| 04-00-7520 | Repairs & Maintenance | - | 367.84 | 175,000.00 | 174,632.16 | 0% |
| 04-00-7525 | Equipment Maintenance | 3.85 | 268.38 | - | (268.38) | #DIV/0! |
| 04-00-8000 | Water Assessments | - | 37,350.00 | 134,873.00 | 97,523.00 | 28% |
| 04-00-8010 | Escrow Expense | - | - | - | - | #DIV/0! |
| 04-00-8020 | NISP Expenses | - | 751,270.00 | 751,270.00 | - | 100% |
| 04-00-8200 | Depreciation Expense | - | - | - | - | #DIV/0! |
| | | | | | | |
| 04-00-8210 | Bond Issue Amortization Expens | - | - | - | - | #DIV/0! |
| | | | | | | |
| 04-00-8211 | Loan Issue Amortization Expens | - | - | 170,758.00 | 170,758.00 | 0% |
| 04-00-8900 | Water Rental Expense | - | - | - | - | #DIV/0! |
| 04-00-9000 | NWCWD Purchases | 50,842.44 | 199,675.76 | 1,136,979.00 | 937,303.24 | 18% |
| 04-00-9010 | Bond Interest Expense | - | - | - | - | #DIV/0! |
| 04-00-9011 | Loan Interest Expense | 15,523.45 | 62,093.80 | - | (62,093.80) | #DIV/0! |
| 04-00-9050 | Scada System | - | 1,593.33 | 5,000.00 | 3,406.67 | 32% |
| 04-00-9100 | Water Plant | - | - | 60,000.00 | 60,000.00 | 0% |
| 04-00-9120 | Equipment | - | 44,430.00 | 42,000.00 | (2,430.00) | 106% |
| 04-00-9150 | Capital Projects | 10,633.00 | 21,262.62 | 736,000.00 | 714,737.38 | 3% |
| | | | | | | |
| 04-00-9800 | Transfers Out - Administration | - | - | 86,006.00 | 86,006.00 | 0% |
| | TOTAL EXPENDITURES | 120,046.21 | 1,312,027.89 | 4,317,226.00 | 3,005,198.11 | 30% |
| | | | | | | |
| | NET SURPLUS (DEFICIT) | 48,645.04 | (623,456.42) | (1,649,401.00) | | |

## SEWER

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| | **REVENUE** | | | | | |
| 05-00-4005 | Sewer Service Fees | 76,820.15 | 310,302.08 | 914,654.00 | 604,351.92 | 33.93% |
| 05-00-4015 | Sewer Tap Fees | - | - | 9,000.00 | 9,000.00 | 0.00% |
| 05-00-4810 | Miscellaneous Revenue | - | - | - | - | #DIV/0! |
| 05-00-4820 | Interest Revenue | 1,539.79 | 3,150.39 | 300.00 | (2,850.39) | 1050.13% |
| | TOTAL REVENUE | 78,359.94 | 313,452.47 | 923,954.00 | 610,501.53 | 33.93% |
| | EXPENDITURES | | | | | |
| 05-00-5620 | Fuel | 70.54 | 796.81 | 3,240.00 | 2,443.19 | 25% |
| 05-00-5640 | IT | 853.46 | 3,413.99 | 7,000.00 | 3,586.01 | 49% |
| | SALARIES | 7,250.62 | 32,732.67 | 149,487.00 | 116,754.33 | 22% |
| | BENEFITS | 2,599.62 | 7,773.53 | 35,946.00 | 28,172.47 | 22% |
| 05-00-7210 | Office Supplies | - | 653.09 | 4,200.00 | 3,546.91 | 16% |
| 05-00-7215 | Operating Supplies | 1,016.04 | 10,018.71 | 55,157.00 | 45,138.29 | 18% |
| 05-00-7216 | NPDES Permit Fees | - | - | 5,245.00 | 5,245.00 | 0% |
| 05-00-7240 | Training | - | 60.00 | 6,000.00 | 5,940.00 | 1% |
| 05-00-7270 | Insurance | - | 21,544.09 | 39,690.00 | 18,145.91 | 54% |
| 05-00-7280 | SOFTWARE | - | - | - | - | #DIV/0! |
| 05-00-7310 | Professional Services | 6,389.05 | 96,395.85 | 72,000.00 | (24,395.85) | 134% |
| 05-00-7320 | Engineering Services | 4,369.50 | 6,578.25 | 10,000.00 | 3,421.75 | 66% |
| 05-00-7400 | Uniforms | 114.97 | 440.38 | 1,000.00 | 559.62 | 44% |
| 05-00-7510 | Utilities | 5,355.94 | 21,188.09 | 97,241.00 | 76,052.91 | 22% |
| 05-00-7520 | Repairs & Maintenance | 617.56 | 17,051.97 | 150,500.00 | 133,448.03 | 11% |
| 05-00-7525 | Equipment Maintenance | 460.54 | 1,356.68 | - | (1,356.68) | #DIV/0! |
| 05-00-8200 | Depreciation Expense | - | - | - | - | #DIV/0! |
| 05-00-8210 | Bond Premium Amortization | - | - | - | - | #DIV/0! |
| 05-00-9005 | Lease Payments | - | - | - | - | #DIV/0! |
| 05-00-9010 | Interest Expense | - | - | - | - | #DIV/0! |
| 05-00-9011 | Loan Interest Expense | - | 159,881.75 | 314,163.00 | 154,281.25 | 51% |
| 05-00-9050 | Scada System | - | 1,593.34 | 5,000.00 | 3,406.66 | 32% |
| 05-00-9120 | Equipment Acquisition | - | 44,430.00 | 130,000.00 | 85,570.00 | 34% |
| 05-00-9150 | Capital Projects | 10,633.00 | 141,012.65 | 462,500.00 | 321,487.35 | 30% |
| 05-00-9800 | Transfers Out - Administration | - | - | 86,006.00 | 86,006.00 | 0% |
| | TOTAL EXPENDITURES | 39,730.84 | 566,921.85 | 1,634,375.00 | 1,067,453.15 | 35% |
| | NET SURPLUS (DEFICIT) | 38,629.10 | (253,469.38) | (710,421.00) | | |

## SANITATION

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| | **REVENUE** | | | | | |
| 06-00-4006 | Trash Collection Fees | 50,409.13 | 201,662.44 | 597,777.00 | 396,114.56 | 33.74% |
| 06-00-4810 | Miscellaneous Revenue | - | - | - | - | #DIV/0! |
| | TOTAL REVENUE | 50,409.13 | 201,662.44 | 597,777.00 | 396,114.56 | 33.74% |
| | EXPENDITURES | | | | | |
| 06-00-7210 | Office Supplies | - | 437.99 | 2,000.00 | 1,562.01 | 21.90% |
| 06-00-7216 | Miscellaneous Expense | - | 359.40 | 3,000.00 | 2,640.60 | 11.98% |
| 06-00-7218 | Weed Control Supplies | - | - | - | - | #DIV/0! |
| 06-00-7270 | Insurance | - | 1,395.13 | 600.00 | (795.13) | 232.52% |
| 06-00-7310 | Professional Services | 3,966.71 | 7,926.89 | 25,000.00 | 17,073.11 | 31.71% |
| 06-00-7330 | Spring and Fall Clean Up | - | - | 29,700.00 | 29,700.00 | 0.00% |
| 06-00-8200 | Depreciation Expense | - | - | - | - | #DIV/0! |
| 06-00-9030 | Trash Contractor Payments | 42,411.99 | 169,626.87 | 508,872.00 | 339,245.13 | 33.33% |
| 06-00-9150 | Capital Projects | - | - | 1,000.00 | 1,000.00 | 0.00% |
| 06-00-9800 | Transfers Out - Administration | - | - | 12,000.00 | 12,000.00 | 0.00% |
| | TOTAL EXPENDITURES | 46,378.70 | 179,746.28 | 582,172.00 | 402,425.72 | 30.88% |
| | NET SURPLUS (DEFICIT) | 4,030.43 | 21,916.16 | 15,605.00 | | |

## IRRIGATION

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 07-00-4007 | Irrigation Water Fees | 15,529.81 | 61,863.16 | 168,000.00 | 106,136.84 | 36.82% |
| 07-00-4016 | Irrigation Tap Fees | - | - | - | - | #DIV/0! |
| 07-00-4810 | Miscellaneous Revenue | - | - | - | - | #DIV/0! |
| 07-00-4820 | Interest Revenue | - | - | - | - | #DIV/0! |
| | TOTAL REVENUE | 15,529.81 | 61,863.16 | 168,000.00 | 106,136.84 | 36.82% |
| | EXPENDITURES | | | | | |
| 07-00-7210 | Office Supplies | - | 364.91 | 757.00 | 392.09 | 48.20% |
| 07-00-7215 | Operating Supplies | 203.70 | 383.40 | 283.00 | (100.40) | 135.48% |
| 07-00-7216 | Miscellaneous Expense | - | - | - | - | #DIV/0! |
| 07-00-7270 | Insurance | - | 1,066.75 | 1,350.00 | 283.25 | 79.02% |
| 07-00-7310 | Professional Services | 6,604.47 | 15,230.31 | 36,000.00 | 20,769.69 | 42.31% |
| 07-00-7510 | Utilities | (294.13) | (186.39) | 28,000.00 | 28,186.39 | -0.67% |
| 07-00-7520 | Repairs & Maintenance | 145.00 | 145.00 | 28,000.00 | 27,855.00 | 0.52% |
| 07-00-8200 | Depreciation Expense | - | - | - | - | #DIV/0! |
| 07-00-9050 | Scada System | - | 1,593.33 | - | (1,593.33) | #DIV/0! |
| 07-00-9150 | Capital Projects | 22,125.02 | 63,715.02 | 80,000.00 | 16,284.98 | 79.64% |
| 07-00-9800 | Transfers Out - Administration | - | - | - | - | #DIV/0! |
| | TOTAL EXPENDITURES | 28,784.06 | 82,312.33 | 174,390.00 | 92,077.67 | 47.20% |
| | NET SURPLUS (DEFICIT) | (13,254.25) | (20,449.17) | (6,390.00) | | |

## EATON HOUSING AUTHORITY

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 08-00-4100 | Tenant Rents | - | - | 255,653.00 | 255,653.00 | 0% |
| 08-00-4200 | HUD Subsidies | 22,426.00 | 90,415.00 | 276,867.00 | 186,452.00 | 33% |
| 08-00-4500 | Laundry & Other | - | 583.50 | 3,500.00 | 2,916.50 | 17% |
| 08-00-4820 | Interest Revenue | 140.57 | 582.58 | 230.00 | (352.58) | 253% |
| | TOTAL REVENUE | 22,566.57 | 91,581.08 | 536,250.00 | 444,668.92 | 17.08% |
| | EXPENDITURES | | | | | |
| 08-00-5620 | Fuel | - | 77.55 | 1,378.00 | 1,300.45 | 6% |
| 08-00-5640 | IT | 10.80 | 43.32 | 1,590.00 | 1,546.68 | 3% |
| | SALARIES | 7,130.68 | 35,581.72 | 126,718.00 | 91,136.28 | 28% |
| | BENEFITS | 1,120.84 | 9,348.60 | 32,947.00 | 23,598.40 | 28% |
| 08-00-6020 | Maintenance Supplies | - | 780.62 | 25,440.00 | 24,659.38 | 3% |
| 08-00-6030 | Maintenance Contract Service | - | - | 78,440.00 | 78,440.00 | 0% |
| 08-00-6050 | Snow Removal | - | - | 7,500.00 | 7,500.00 | 0% |
| 08-00-6060 | Grounds Maintenance | - | - | 25,705.00 | 25,705.00 | 0% |
| 08-00-6070 | Capital Projects | - | - | 50,000.00 | 50,000.00 | 0% |
| 08-00-6080 | Miscellaneous Operating Expens | 163.64 | 665.09 | 4,000.00 | 3,334.91 | 17% |
| 08-00-6100 | Electricity | - | - | 41,340.00 | 41,340.00 | 0% |
| 08-00-6110 | Water | - | - | 28,763.00 | 28,763.00 | 0% |
| 08-00-6120 | Sewer | - | - | 23,650.00 | 23,650.00 | 0% |
| 08-00-6127 | Accounting Technician | - | - | - | - | #DIV/0! |
| 08-00-6130 | Gas | - | - | 19,346.00 | 19,346.00 | 0% |
| 08-00-6140 | Trash Removal | - | - | 4,077.00 | 4,077.00 | 0% |
| 08-00-6150 | Communications | - | - | 1,994.00 | 1,994.00 | 0% |
| 08-00-6205 | Management Fees | - | - | 19,945.00 | 19,945.00 | 0% |
| 08-00-6210 | Office Supplies | - | - | 4,268.00 | 4,268.00 | 0% |
| | SHO Fees | | | 7,200.00 | | |
| | Consulting Fees | | | 19,200.00 | | |
| 08-00-6220 | Training | - | - | 1,060.00 | 1,060.00 | 0% |
| 08-00-6230 | Professional Services | - | 508.27 | 37,908.00 | 37,399.73 | 1% |
| 08-00-6250 | Office Equipment | - | - | 1,060.00 | 1,060.00 | 0% |
| 08-00-6280 | Workers Comp Insurance | - | - | 3,709.00 | 3,709.00 | 0% |
| 08-00-6290 | Miscellaneous Admin Expenses | - | 21.00 | - | (21.00) | #DIV/0! |
| 08-00-6400 | Property & Liability Insurance | - | 10,623.65 | 13,880.00 | 3,256.35 | 77% |
| 08-00-6440 | Fidelity Bond Insurance | - | - | - | - | #DIV/0! |
| 08-00-6500 | Mortgage Interest Expense | - | - | - | - | #DIV/0! |
| 08-00-6600 | Depreciation Expense | - | - | - | - | #DIV/0! |
| 08-00-7225 | Automotive Services | - | - | - | - | #DIV/0! |
| 08-00-7235 | Mileage Reimbursements | - | - | - | - | #DIV/0! |
| 08-00-7520 | Repairs & Maintenance | - | 5,870.43 | - | (5,870.43) | #DIV/0! |
| 08-00-9120 | Capital Equipment | - | - | 10,600.00 | 10,600.00 | 0% |
| | TOTAL EXPENDITURES | 8,425.96 | 63,520.25 | 591,718.00 | 528,197.75 | 10.73% |
| | NET SURPLUS (DEFICIT) | 14,140.61 | 28,060.83 | (55,468.00) | | |

## SPECIAL REVENUE

| ACCOUNT NUMBER | ACCOUNT TITLE | PERIOD | YEAR TO DATE | BUDGET | BUDGET VARIANCE | PERCENT USED |
|---|---|---|---|---|---|---|
| 09-00-4125 | Use Tax | 1,530.58 | 5,581.10 | 50,000.00 | 44,418.90 | 11.16% |
| 09-00-4550 | Police Impact Fees | - | - | 800.00 | 800.00 | 0.00% |
| 09-00-4560 | Municipal & Equipment Fees | - | - | 2,960.00 | 2,960.00 | 0.00% |
| 09-00-4600 | Community Park Fees | - | - | 1,016.00 | 1,016.00 | 0.00% |
| 09-00-4610 | Neighborhood Park Fees | - | - | 2,300.00 | 2,300.00 | 0.00% |
| 09-00-4850 | Transfers From Other Funds | - | - | - | - | #DIV/0! |
| | TOTAL REVENUE | 1,530.58 | 5,581.10 | 57,076.00 | 51,494.90 | 9.78% |
| | | | | | | |
| 09-00-6110 | Use Tax Expenses | - | - | 60,000.00 | 60,000.00 | 0.00% |
| 09-00-6120 | Police Fee Expenses | - | - | 10,000.00 | 10,000.00 | 0.00% |
| 09-00-6130 | Muni/Equip Expenses | - | - | 10,000.00 | 10,000.00 | 0.00% |
| 09-00-6140 | Community Park Expenses | - | - | 5,000.00 | 5,000.00 | 0.00% |
| 09-00-6150 | Neighborhood Park Expenses | - | - | 75,000.00 | 75,000.00 | 0.00% |
| | TOTAL EXPENDITURES | - | - | 160,000.00 | 160,000.00 | 0.00% |
| | NET SURPLUS (DEFICIT) | 1,530.58 | 5,581.10 | (102,924.00) | | |

## TREASURER'S REPORT
**April 30, 2023**

| | | | |
|---|---|---|---|
| **GENERAL FUND** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $6,691,855.48 | | |
| DEPOSITS April | 97,116.64 | | |
| CHECKS PAID DURING April | | $305,214.04 | |
| CASH ON DEPOSIT - 04/30/2023 | | 6,483,758.08 | |
| | **$6,788,972.12** | **$6,788,972.12** | |
| NEW OPERATING ACCOUNT | | | |
| CASH ON DEPOSIT - 03/31/2023 | $5,117,683.54 | | |
| DEPOSITS April | $982,971.37 | | |
| CHECKS PAID DURING April | | $714,234.58 | |
| CASH ON DEPOSIT -04/30/2023 | | $5,386,420.33 | |
| | **$6,100,654.91** | **$6,100,654.91** | |
| CASH ON DEPOSIT - COLOTRUST | | $2,228,386.55 | |
| BANK OF COLORADO CD @ 0.0100 | | 181,726.69 | |
| BANK OF COLORADO CD @ 0.0100 | | 328,433.24 | |
| BANK OF COLORADO CD @ 0.0100 | | 83,178.28 | |
| FEDERAL FARM BANK BONDS @1.55% | | 245,272.50 | market value |
| FEDERAL HOME LOAN BANKS @ .50% | | 233,070.00 | market value |
| RESOLUTION FDG FED BONDS @ 1.45% | | 236,725.00 | market value |
| Federal Farm Bank bonds @ 1.160 | | 227,445.00 | market value |
| United Sts Treas .25% | | 237,590.00 | market value |
| TOTAL CASH & DEPOSITS | | **$15,872,005.67** | |
| **ACCOUNTS PAYABLE** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $0.93 | | |
| Deposits | $710,794.00 | | |
| CHECKS PAID DURING April | | $710,794.29 | |
| CASH ON DEPOSIT - 04/30//2023 | | $0.64 | |
| | **$710,794.93** | **$710,794.93** | |
| **Payroll** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $1,000,151.30 | | |
| Deposits | $0.00 | | |
| CHECKS PAID DURING April | | $20.00 | |
| CASH ON DEPOSIT - 04/30/2023 | | $1,000,131.30 | |
| | **$1,000,151.30** | **$1,000,151.30** | |
| **EATON CEMETERY CARE FUND** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $141,968.25 | | |
| Transfer for Perp. Care | | | |
| BANK OF COLORADO CD @ .400 Cash on Deposit 04/30/2023 | | $141,968.25 | |
| | **$141,968.25** | **$141,968.25** | |
| **MUNICIPAL COURT ACCOUNT Bank of Colorado** | | | |
| CASH ON DEPOSIT -03/31/2023 | $55,059.06 | | |
| Deposits | | | |
| CHECKS PAID DURING April | | 345.75 | |
| CASH ON DEPOSIT - 04/30/2023 | | $54,713.31 | |
| . | **$55,059.06** | **$55,059.06** | |
| **WATER RESERVE ACCOUNT** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $157,890.00 | | |
| INTEREST RECEIVED | | | |
| BANK OF COLORADO CD @ .0100 Cash on Deposit 04/30/2023 | | $157,890.00 | |
| | **$157,890.00** | **$157,890.00** | |
| **SEWER RESERVE ACCOUNT** | | | |
| CASH ON DEPOSIT -03/31/2023 | $247,042.47 | | |
| INTEREST RECEIVED | | | |
| BANK OF COLORADO CD @ .0300 Cash on Deposit 04/30/2023 | | $247,042.47 | |
| | **$247,042.47** | **$247,042.47** | |
| **SHELTON TRUST FUND** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $3,118.18 | | |
| INTEREST RECEIVED | | | |
| Transfers with drawls | | | |
| BANK OF COLORADO SAVINGS ACCT 04/30/2023 | | 3,118.18 | |
| | **$3,118.18** | **$3,118.18** | |
| **PLANNING AND DEVELOPMENT ACCOUNT** | | | |
| CASH ON DEPOSIT - 03/31/2023 | $468,241.66 | | |
| Deposits | $7,279.05 | | |
| CHECKS PAID DURING April | | - | |
| CASH ON DEPOSIT - 04/30/2023 | | $475,520.71 | |
| | **$475,520.71** | **$475,520.71** | |

**FAITH SMITH - FINANCE DIRECTOR**

# Eaton Town Board

## Agenda Item

| | |
|---|---|
| **TO:** Town of Eaton Board of Trustees | |
| **FROM: Vince Harris, AICP – Baseline Corporation** | |
| **DATE of MEETING: June 15, 2023** | |
| **TITLE/SUBJECT: Eaton Cemetery Subdivision** | |

**DESCRIPTION**

The purpose of this agenda item is to consider a request for a subdivision of parcel numbers: 080305000018 & 080305300045 in order to expand the Eaton Cemetery and provide adequate space.

**SUMMARY**

The applicant, the Town of Eaton, requests approval of a Subdivision application for the Eaton Cemetery located at 501 Christensen Avenue, Eaton, and the parcel just south of the property. The existing cemetery and the parcel to the south are both owned by the Town. Currently, there are approximately only 90 ground plots, 9 columbarium plots, and 49 cremation garden plots available for sale at the Eaton cemetery. This subdivision will provide a needed expansion of space.

The Town of Eaton Municipal Code requires all subdivisions to go through the Final Plat process. This application proposes combining two parcels into two Tracts and then creating additional burial plots shown as Blocks and Lots. The applicant has prepared the final plat in accordance with the Eaton Municipal Code.

**KEY POINTS**

- The new inclusive parcel will include an addition of 149 lots, 60 plots, 60 cremation garden sites, and a columbarium garden.
- The application was referred to the applicable Town of Eaton referral agencies, and no agencies objected to the proposal.

**RECOMMENDATION**

Staff Recommendation: Staff recommends that the Town Board approve the Eaton Cemetery Subdivision Plat.

Planning Commission: Planning Commission made a recommendation of approval of the Eaton Cemetery Subdivision Plat on June 1, 2023.

BOCC Action Required: Approve, Deny, or Continue the case to a future date.

**TOWN OF EATON**
**PLANNING COMMISSION MEETING**

Date prepared: 05/24/2023
Meeting Date: 06/01/2023

**STAFF REPORT**

**Project Name:** Eaton Cemetery Subdivision
**Project Address:** Parcel Numbers: 080305000018 & 080305300045
**Applicants:** Town of Eaton,
**Current Zoning:** A-1 - Agriculture
**Prepared by:** Lauren Richardson- Baseline Corporation
**Approved by:** Vince Harris, AICP - Baseline Corporation
**Reviewed by:** Wesley LaVanchy - Town Administrator

---

**BACKGROUND:**

The existing Eaton Cemetery needs to expand in order to provide adequate space. The existing cemetery and the parcel to the south are both owned by the Town. Surrounded by agricultural land on three sides, the Eaton Cemetery is bounded by Christensen Avenue to the west.

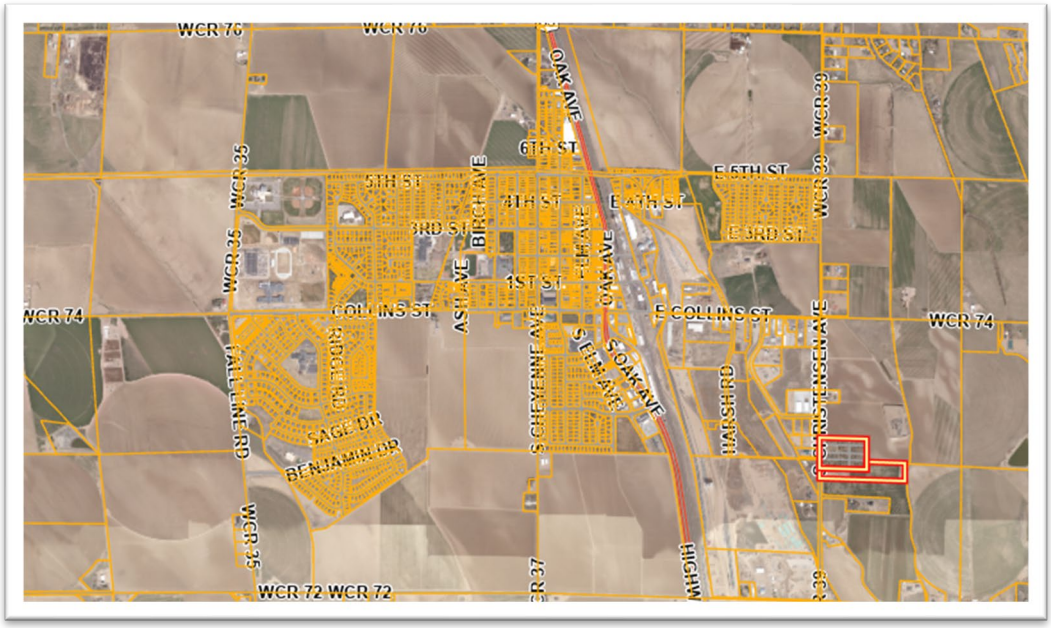


*Figure 1- Vicinity Map*

Currently, there are approximately only 90 ground plots, 9 columbarium plots, and 49 cremation garden plots available for sale at the Eaton cemetery. This subdivision will provide a needed expansion of space.

REQUEST:
The applicant, the Town of Eaton, requests approval of a Subdivision application for the Eaton Cemetery located at 501 Christensen Avenue, Eaton, and the parcel just south of the property. Both parts of the larger parcel, the existing cemetery will become Tract A, and the remaining portion of the site will become Tract B, to be developed at a later date. The new inclusive parcel will include an addition of 149 lots, each with 8 burial plots. A portion of the expansion will also include a columbarium and cremation garden with 60 cremation plots.

Outlot A is intended to be used for access to each lot. The plat contains a 20' waterline easement dedicated by this plat to accommodate water needs on and thru the cemetery and an additional 30' Right-of-Way dedication all along Christensen Avenue for right-of-way purposes.

The cemetery will be irrigated with potable water and will use the water main extension project that was completed in 2022.

The application was referred to the applicable Town of Eaton referral agencies and no agencies objected to the proposal. A surrounding property owner mailing notice was sent to property owners within 500' of the property. A newspaper notice was published in the regional newspaper and a sign was posted on the property to fulfill public notice requirements.

*Figure 2 - Sign Posting*

**STAFF ANALYSIS**

The Town of Eaton Municipal Code requires all subdivisions to go through the Final Plat process. This application proposes combining two parcels into two Tracts and then creating additional burial plots shown as Blocks and Lots. The applicant has prepared the final plat in accordance with the Eaton Municipal Code.

Staff reviewed the proposed Final Plat based on the Town of Eaton Municipal Code, Section 7-4 Subdivision Regulations.

Section 7-4-5 of the Eaton Municipal Code outlines design standards for subdivisions, including general site considerations, streets, utility easements, blocks, and lots. Most of the design standards are specifically intended for single-family residential subdivisions. Staff evaluated the proposed subdivision and we find that it conforms to those standards that are applicable to the proposal for a cemetery subdivision. Section 7-4-6 outlines required public improvements for subdivisions and Section 7-4-7 outlines requirements for dedications and/or reservations of land. The applicant via the proposed

Subdivision plat, includes two dedications (one right-of-way and one easement) to the Town through this plat.

**RECOMMENDATION**
Staff recommends approval of the proposed Final Plat and suggests the following motion to the Planning Commission:

**MOTION TO APPROVE THE FINAL PLAT OF THE EATON CEMETERY SUBDIVISION PLAT, as submitted, and with no conditions.**

Attachments:
- Application
- Cover Letter/ Narrative
- Final Plat

# TOWN OF EATON
# LAND DEVELOPMENT APPLICATION

223 1ST Street, Eaton, CO 80615 • (970) 454-3338 • Fax (970) 454-3339 • www.colorado.gov/townofeaton

**COMPLETE ALL BOXES**

| | |
|---|---|
| Applicant Name: Town of Eaton | Applicant Address & Zip Code: 223 1st St Eaton, CO 80615 |
| Applicant Phone: 970-445-3338 | Applicant Email: greg@eatonco.org |
| Property Owner Name: Same as Applicant | Property Owner Address & Zip Code: |
| Property Owner Phone: | Property Owner Email: |
| Project Name: Eaton Cemetery Subdivision | Project Description: Subdivision of Eaton Cemetery Expansion |
| Project Address/Location: 501 S Christensen Ave | Project Parcel Number: 080305300045 |
| Subdivision/Lot/Block: | Section/Township/Range: 5/6N/65W |
| Existing Zoning: R-1 | Proposed Zoning: |
| Existing Use: Ag | Proposed Use: Cemetery |

APPLICATION AGREEMENT:

I, as the applicant, hereby certify that I believe to the best of my knowledge that all information supplied with this application is true and accurate and that consent of the property owner listed above, without which the requested action cannot lawfully be accomplished, has been granted. Permission is also hereby granted to the Town of Eaton staff and their consultants to physically enter upon and inspect the subject property and take photographs as necessary for preparation of the case. In addition, by signing this application I am agreeing that I am authorized to sign on behalf of the property owner, or business-owner, or applicant and commit and agree to signing a Developer Cost Reimbursement Agreement and deposit with the Town the sum of $_____ to be used to pay the Town's expenses to review, evaluate and process the Application ("Deposit"), which funds may be used to pay the cost of third-party consultants plus fifteen percent (15%) of such actual costs for Town staff administrative costs and supplies. I agree that I am not acquiring any rights by virtue of the payment of the Town's expenses. I also understand that Land Use approvals do not entitle, nor grant building permits. Building permits are required in addition to and after land use approval and prior to site improvements including but not limited to grading, earth work, or construction of utilities or buildings.

Applicant's Signature _____ Date: 12/8/2022

# TOWN OF EATON
## LAND DEVELOPMENT APPLICATION – SUBMITTAL REQUIREMENTS

223 1ST Street, Eaton, CO 80615 • (970) 454-3338 • Fax (970) 454-3339 • www.colorado.gov/townofeaton

| Project Name: | Applicant: | Date: |
|---|---|---|
| Eaton Cemetery Subdivision | Town of Eaton | 12/8/2022 |

**APPLICATION TYPE**

| | | |
|---|---|---|
| ☐ Rezone | ☐ Annexation | ☐ Special Review Use |
| ☐ Planned Unit Development (PUD) | ☐ Disconnection | ☐ Temporary Use |
| ☐ Subdivision – Preliminary Plat | ☐ Vacation of Right-of-Way | ☐ Nonconforming Use |
| ■ Subdivision – Final Plat | ☐ Variance | ☐ Oil and Gas Drilling |
| ☐ Site Plan | | |

**REQUIRED SUBMITTAL ITEMS (to be filled out by staff)**

✓ 1) Land Development Application Form: A fully completed and executed application on the form provided by The Town of Eaton

✓ 2) Cover Letter/Narrative: The cover letter must provide a clear and concise description of the proposal

✓ 3) Vicinity Map: Project location and context

~~✓ 4) Proof of Ownership: A copy of recorded deed(s) reflecting~~ current ownership. If there is a mortgage on the property, a copy of recorded deed(s) of trust/mortgages to any and all lending agencies and any and all liens of record are also required

~~✓ 5) Proof of Clear Title: Title commitment or title policy~~ guaranteeing clear title, including legible copies of any reported documents referenced by book and page or reception number, dated no earlier than three (3) months prior to the date this application is submitted

✓ 6) Written legal description of property boundary

✓ 7) Explanation of Water and Sewer sources

~~✓ 8) Explanation of Access and/or Copy of Access Permit~~

~~✓ 9) Signed Developer Cost Reimbursement Agreement as~~ provided by the Town

✓10) Payment of deposit in the amount of $ N/A.

☑ 11) List and map of property owners and addresses in accordance with public notice requirements

☐ 12) Planned Unit Development (PUD) Graphic Exhibit

☐ 13) Annexation Plat

☐ 14) Rezone Graphic Exhibit

☐ 15) Concept Plan

☐ 16) Preliminary Plat

☑ 17) Final Plat see attached redlines

☐ 18) Right-of-Way Vacation Exhibit

☑ 19) Survey of the property showing property dimensions, existing structures, adjacent roadways, existing easements, etc.

☐ 20) Site Plan

☐ 21) Preliminary Drainage Report and Plan OR Drainage Letter

☐ 22) Final Drainage Report and Plan OR Drainage Letter

☐ 23) Floodplain Report (if property is within mapped flood hazard area)

☐ 24) Geologic Report

☐ 25) Grading and Erosion Control Plan

☐ 26) Civil Construction Plans for on site improvements

☐ 27) Preliminary Plans for public improvements

☐ 28) Final Plans for public improvements

☐ 29) Quantities and cost estimates for public improvements (Engineer's Estimate)

☐ 30) Traffic Analysis (fewer than 1,000 VPD) or Traffic Study (greater than 1,000 VPD and must be prepared by a Professional Engineer)

☐ 31) Utility Report and/or Plan

☐ 32) Landscape Plan

☐ 33) Building Elevations

☐ 34) Development Agreement (prepared by the Town)

☐ 35) Certification of notice from property owner to mineral estate owners of record pursuant to CRS 24.6.55-103, within 30 days before hearing, if lot lines are changed or created

☑ 36) Other provide diagram explaining existing cemetery lots.

Note: All surveys, plats, and plans to be scaled and dimensioned.

Cemetery Expansion Phase I Narrative

The Town of Eaton intends to expand the current footprint of the Eaton Cemetery on around two acres adjacent and south of the current cemetery. There are approximately only 90 ground plots, 9 columbarium plots and 49 cremation garden plots available for sale at the current cemetery. The phase I expansion will provide adequate plots for years to come until an additional expansion is needed. The expansion will be irrigated with potable water and a watermain extension project was completed in 2022 to accomplish this.

# EATON CEMETERY

## A PARCEL OF LAND LOCATED IN THE WEST HALF OF SECTION 5, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH P.M., TOWN OF EATON, COUNTY OF WELD, STATE OF COLORADO

DEDICATION

The TOWN OF EATON, being the sole owner(s) in fee of:

That parcel of land described in Eaton Cemetery First Annexation recorded September 16, 1996 as Reception No. 2510999 of the Records of Weld County, and that parcel of land descirbed in Eaton Cemetery Second Annexation recorded September 16, 1996 as Reception No. 2511000 of the Records of Weld County, being situate in the West Half (W1/2) of Section Five (5), Township Six North (T.6N.), Range Sixty-five West (R.65W.) of the Sixth Principal Meridian (6th P.M.), Town of Eaton, County of Weld, State of Colorado.

Said parcel contains 888,689 square feet or 20.40 acres, more or less.

shown on the attached map as embraced within the heavy exterior lines thereon, has subdivided the same into spaces, lots, blocks, outlot, and tract as shown on the attached map and does (do) hereby set aside said portion or tract of land and designate the said EATON CEMETERY to the Town of Eaton, Weld County, Colorado and does dedicate to the public, the streets and all easements over and across said lots at locations shown on said map and does (do) further certify that the width of said streets, dimensions of the lots and blocks and the names and numbers thereof are correctly designated upon said map.

Signature of Owner _____
TOWN OF EATON, AUTHORIZED SIGNOR

Witness my hand and seal this ____ day of _____ A.D. _____.

State of Colorado )
Town of Eaton )ss.
County of Weld )

The foregoing instrument was acknowledged before me this ____ day of _____ , 20____

My commission expires: _____

WITNESS my hand and official seal.

_____
Notary Public

PLANNING COMMISSION APPROVAL:

This Final Plat was reviewed by the Town of Eaton Planning Commission on the ____ day of _____, 2023.

_____
Chair, Planning Commission

BOARD OF TRUSTEES APPROVAL:

This Final Plat was reviewed and approved by the Town of Eaton Board of Trustees on the ____ day of _____, 2023.

_____
Mayor

SURVEYOR'S NOTES:

1) This survey does not constitute a title search by Northern Engineering to determine ownership or easements of record.

2) Assuming the North line of the SW1/4 of said Section 5 as bearing South 87° 07' 38" East, a distance of 2655.45 feet, with all other bearings contained herein relative thereto.

3) The lineal unit of measurement for this drawing is U.S. Survey Feet.

4) The entire property is in flood zone "X", "areas determined to be outside the 0.2% annual chance floodplain", per FEMA flood map 08123C1239E effective January 20, 2016.

5) It is the intent of this plat that Outlot A as depicted hereon be dedicated as an access, pedestrian access and utility easement.

6) Square footage and acreage for Block 29, 30, 31, and 32 are exclusive of Outlot A.

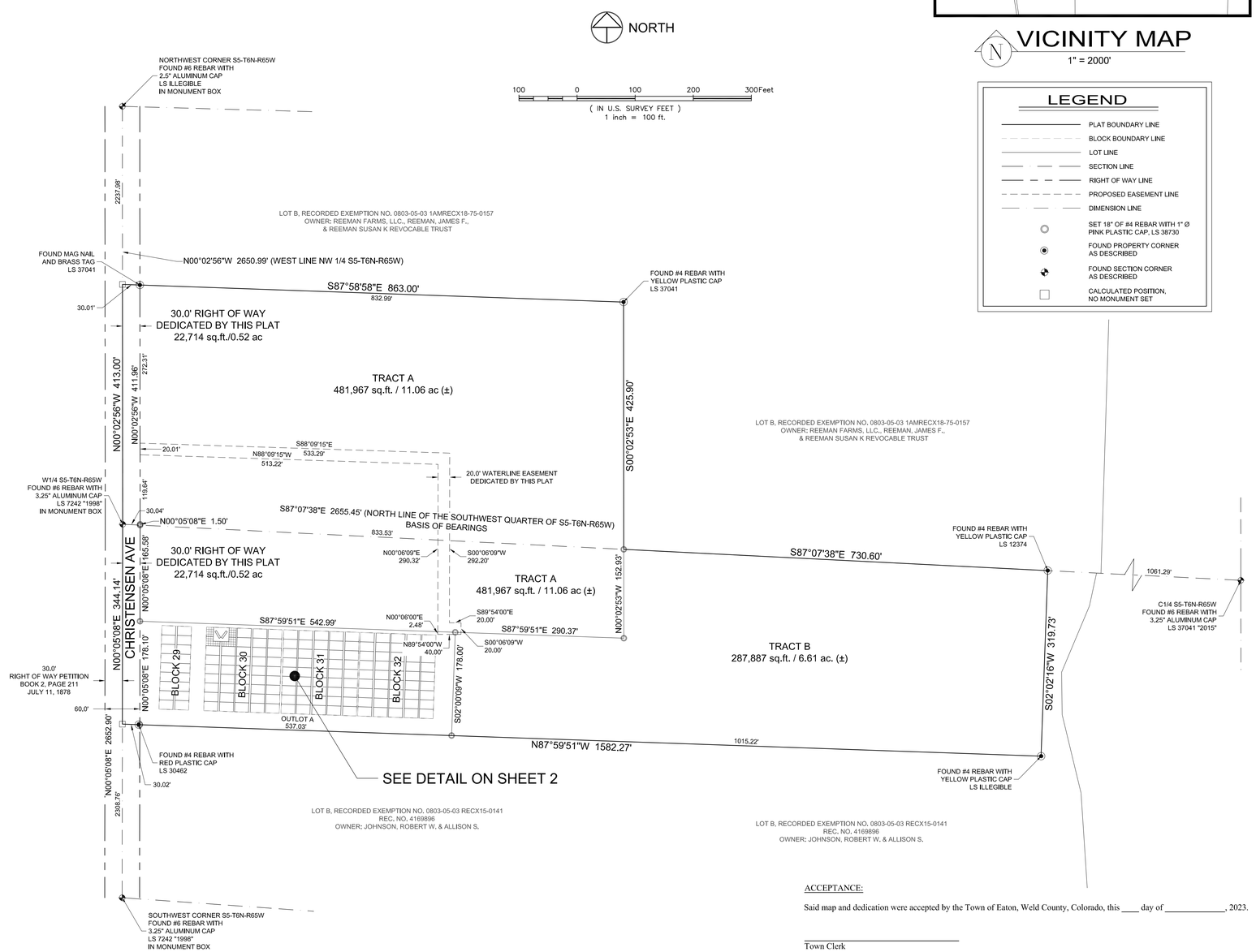
7) Tract A is subject to all platted lines, rights, and ownerships associated with Eaton Cemetery recorded _____ at Reception No. _____.

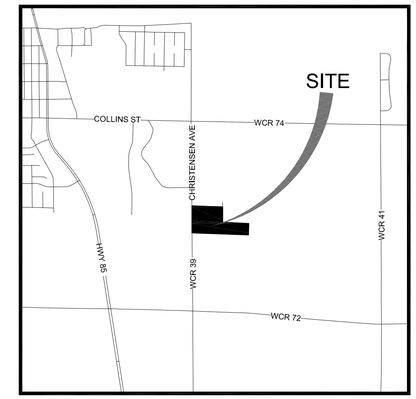
SURVEYING CERTIFICATE

I, Timothy J. Foglesong, a Registered Professional Land Surveyor in the State of Colorado, do hereby certify that I prepared this plat from an actual and accurate survey of the land, including all existing rights-of-way easements and that the corner monuments shown thereon were properly placed under my supervision, in accordance with the regulations of the State of Colorado.

For and on behalf of Northern Engineering Services, Inc.
Timothy J. Foglesong
Registered Professional Land Surveyor LS 38730

DRAFT
05-25-2023
PRELIMINARY - NOT FOR CONSTRUCTION, RECORDING, PURPOSES OR IMPLEMENTATION




VICINITY MAP
1" = 2000'

LEGEND

- PLAT BOUNDARY LINE
- BLOCK BOUNDARY LINE
- LOT LINE
- SECTION LINE
- RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- DIMENSION LINE
- SET 18" OF #4 REBAR WITH 1" Ø PINK PLASTIC CAP, LS 38730
- FOUND PROPERTY CORNER AS DESCRIBED
- FOUND SECTION CORNER AS DESCRIBED
- CALCULATED POSITION, NO MONUMENT SET

ACCEPTANCE:

Said map and dedication were accepted by the Town of Eaton, Weld County, Colorado, this ____ day of _____, 2023.

_____
Town Clerk

NOTICE:
According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon.

SECTION: 5
TOWNSHIP: 6 N
RANGE: 65 W of the 6th PM

NORTHERN ENGINEERING
SURVEY | MUNICIPAL | LAND DEVELOPMENT
FORT COLLINS | GREELEY 970.221.4158 NORTHERNENGINEERING.COM

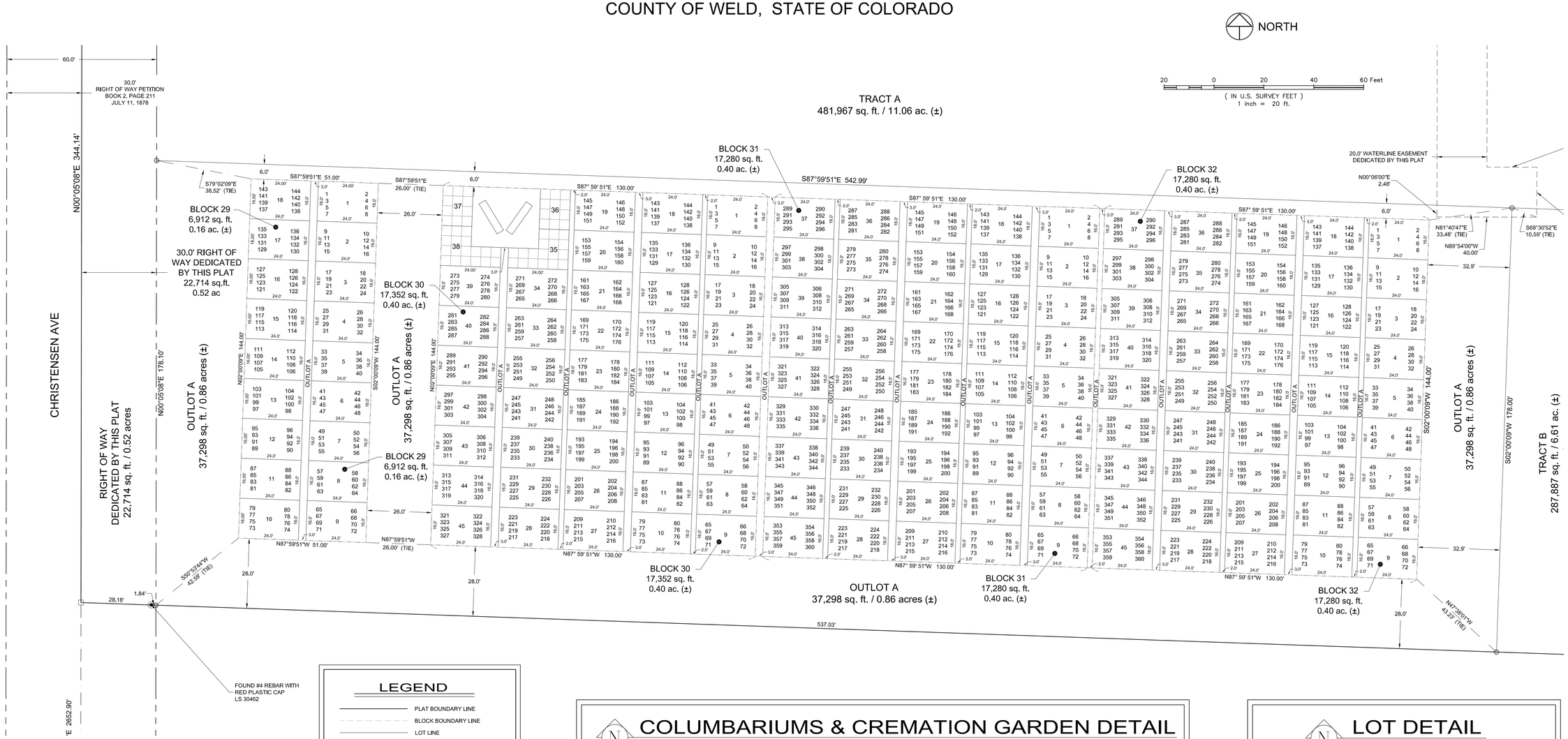
PROJECT: 1127-001.TE004
DATE: 05/25/2023
CLIENT:
SCALE: 1" = 100'
DRAWN BY: S. PAQUIN
REVIEWED BY: T. FOGLESONG

SUBDIVISION PLAT
EATON CEMETERY
TOWN OF EATON, STATE OF COLORADO

Sheet
1
Of 2 Sheets

# EATON CEMETERY SECOND FILING

A PARCEL OF LAND LOCATED IN THE WEST HALF OF SECTION 5, TOWNSHIP 6 NORTH,
RANGE 65 WEST OF THE 6TH P.M., TOWN OF EATON,
COUNTY OF WELD, STATE OF COLORADO




## LEGEND

- PLAT BOUNDARY LINE
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- CALCULATED POSITION, NO MONUMENT SET

CALL UTILITY NOTIFICATION CENTER OF COLORADO

811

Know what's **below.**
**Call** before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

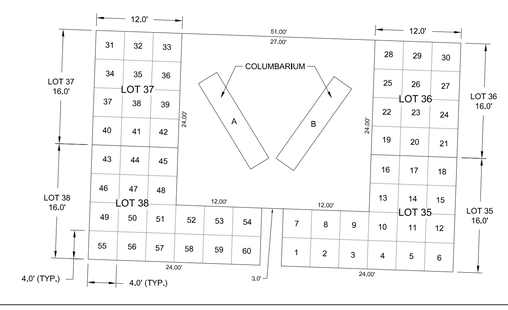
UTILITY NOTE:
THE LOCATION OF UNDERGROUND UTILITIES ARE NOT SHOWN. THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES SHOULD BE DETERMINED BY CONTACTING "ONE CALL" FOR A UTILITY LOCATE.

## COLUMBARIUMS & CREMATION GARDEN DETAIL

1" = 10'

LOTS 35, 36, 37, 38, BLOCK 30
LOTS 35: 288 sq. ft. / 0.0066 ac. (±)
LOTS 36: 192 sq. ft. / 0.0044 ac. (±)
LOTS 37: 192 sq. ft. / 0.0044 ac. (±)
LOTS 38: 288 sq. ft. / 0.0066 ac. (±)
COLUMBARIUM ROOM: 648 sq. ft. / 0.015 ac. (±)

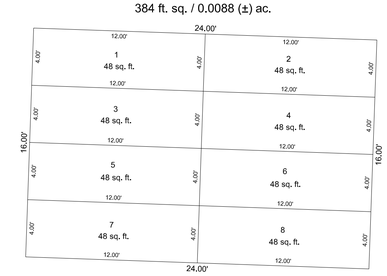
60 TOTAL CREMATION PLOTS ALL 4' X 4'
64 TOTAL COLUMBARIUM NICHES
COLUMBARIUM "A" HAS 32 NICHES
COLUMBARIUM "B" HAS 32 NICHES




## LOT DETAIL

1" = 5'

384 ft. sq. / 0.0088 (±) ac.




DRAFT
05-25-2023
PRELIMINARY - NOT FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION

Timothy J. Foglesong
Colorado Registered Professional
Land Surveyor LS #38730

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NORTHERN ENGINEERING
SURVEY | MUNICIPAL | LAND DEVELOPMENT
FORT COLLINS | GREELEY 970.221.4158 NORTHERNENGINEERING.COM

PROJECT: 1127-001.TE004
DATE: 05/25/2023
CLIENT:
SCALE: 1" = 20'
DRAWN BY: S. PAQUIN
REVIEWED BY: T. FOGLESONG

SUBDIVISION PLAT
EATON CEMETERY
TOWN OF EATON, STATE OF COLORADO

Sheet
2
Of 2 Sheets

**TOWN PLANNING COMMISSION**
**BOARD MEETING**
**224 First Street, Eaton, CO**
**Thursday, June 1, 2023, 7:00 P.M.**

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# UNAPPROVED MINUTES

**CALL TO ORDER**

Chairperson Winter called the meeting to order at 7:00 p.m.

**ROLL CALL**

COMMISSIONER'S PRESENT Karla Winter, Chairperson Glenn Babcock Jason Radke Brad James
COMMISSIONER'S ABSENT Bond Baiamonte
STAFF PRESENT: Assistant Administrator Greg Brinck and Baseline Planner Lauren Richardson

**AGENDA APPROVED**

*Commissioner Babcock moved to approve the agenda as is.*
Commissioner Radke seconded, and the motion passed 3-0.

**PUBLIC COMMENT –** Chairperson Winter opened and closed public comment at 7:01 p.m., to which there was none**.**

**CONSENT AGENDA**

**1. Minutes – April 6, 2023, PC Meeting**

*Commissioner Radke moved to approve the Consent Agenda.*
Commissioner Babcock seconded, and the motion passed 3-0.

**PUBLIC HEARING (See exhibit A)** - Chairperson Winter opened the floor for public hearing at 7:04 p.m.

**2. Eaton Cemetery Subdivision**

Lauren Richardson, Baseline Planner, presented a staff report with a request from the applicant, the Town of Eaton, seeking approval of a Subdivision at the Eaton Cemetery located at 501 Christensen Avenue, the south parcel of the existing cemetery. The larger parcel, existing cemetery will become Tract A and the remining portion of the site will become Tract B, to be developed at a later date. The new inclusive parcel will include an addition of 149 lots, each with 8 burial plots. A portion of the expansion will also include a columbarium and cremation garden with 60 cremation plots. The plat contains a 20' waterline easement dedicated by this plat to accommodate water needs on and through the cemetery and an additional 30' Right-of-Way dedication all along Christensen Avenue. The cemetery will be irrigated with potable water and will use the water main extension project that was completed in 2022. No agencies or surrounding property owners objected to the proposal. Staff recommends approval of the proposed Final Plat.

Chairperson Winter opened the floor for public comment and closed the floor at 7:14 p.m., there was no public comment. The board asked questions of the staff; the new section of cemetery should be open by spring of 2024. As there were no further questions, Chairperson Winter closed the public hearing at 7:15 p.m.

*Commissioner Babcock moved to approve the final plat of the Eaton Cemetery Subdivision Plat, as submitted and with no conditions.*
Commissioner Radke seconded, and the motion passed 3-0.

**ADJOURN**

Chairperson Winter moved to adjourn at 7:16 p.m.

*Margaret Jane Winter, Town Clerk*

ProCode Inc.
A SAFEbuilt COMPANY

**DATE:** 05/23/2023
**MEMO:** TO TOWN OF EATON BOARD
**RE:** RECOMMENDATION TO ADOPT 2018 INTERNATIONAL ENERGY CONSERVATION CODE

Dear Town Board,

ProCode Staff respectfully recommends the adoption of the 2018 International Energy Conservation Code (2018 IECC).

**Reason**
The reason behind moving or adopting the 2018 IECC is to come into compliance with state requirements of enforcing or adopting one of the last 3 published versions of the code. The state has been working on new requirements and regulations on energy compliance, but as of today, it is unclear which direction the state is headed. We do know that they have set minimum standards for municipality adoption requirements. The most recently published IECC code is the 2021 IECC.

The town currently has the 2012 IECC that was adopted November 21, 2019. To come into compliance with the State, the options for adoption are one of the following: 2015, 2018 or 2021 IECC.

By adopting/updating the energy code it would shield the town, for a limited time, from any new regulations that may be developed and mandated by the state.

*CRS 31-15-602(3.5) © – "When adopting or updating a building code prior to July 1, 2023, the governing body of a municipality shall adopt and enforce an energy code that achieves equivalent or better energy performance than one of the three most recent editions of the international energy conservation code."*

After July 1st, 2023, the state mandates that any municipality that adopts a building code also adopt the 2021 IECC or higher. ProCode monitors the state's movements and will relay any new information or requirements to town staff as it becomes available to stay in compliance with the new legislation.

The next anticipated code adoption that ProCode will bring forward would be the 2024 International Codes. This would keep us on our intended schedule and match the neighboring communities to establish a somewhat standard code adoption schedule for Northern Colorado.

**Impact**
The impact on the building community in general should be minimal as most jurisdictions in the region have had the 2018 IECC or newer code adopted for some time now. Most builders are familiar with the requirements, and currently most are building and designing for the 2018 or 2021 IECC.

The 2018 IECC is more flexible and provides more options for compliance than the 2012 IECC.

Adoption would NOT result in higher permit fees unless fees are modified (not suggested).

Costs-

Cost of Construction for new SFD under 2018 IECC would go up approximately $40.
The potential energy savings with the 2018 IECC vs the 2012 IECC is about $91 per year.
Cost Effectiveness for Residential (payback yrs.) Immediate.

Cost of Construction for new SFD under 2021 IECC would go up approximately $3609.
The potential energy savings with the 2021 IECC vs the 2012 IECC is about $264 per year.
Cost Effectiveness for Residential (payback yrs.) 13.7 Years

(Source Office of Energy Efficiency and Renewable Energy June 2021)

Sincerely,

Jose Gonzalez
Building Official
ProCode

Cs:

U.S. DEPARTMENT OF
ENERGY

Office of
ENERGY EFFICIENCY &
RENEWABLE ENERGY

# Preliminary Energy Savings Analysis: 2018 IECC Residential Requirements

May 2019

# Acknowledgments

**This report was prepared for:**

U.S. Department of Energy

Office of Energy Efficiency and Renewable Energy

Building Technologies Office

Energy.gov/eere/buildings

**The following people from Pacific Northwest National Laboratory contributed to this report:**

Todd Taylor

Vrushali Mendon

Mingjie Zhao

Bing Liu

# List of Acronyms

| | |
|---|---|
| AFUE | annual fuel utilization efficiencies |
| CFL | compact fluorescent lamp |
| DOE | U.S. Department of Energy |
| ECPA | Energy Conservation and Production Act |
| EER | energy efficiency ratio |
| EF | energy factor |
| EIA | U.S. Energy Information Administration |
| ERI | Energy Rating Index |
| ERV | energy recovery ventilator |
| EUI | energy use intensity |
| HRV | heat recovery ventilator |
| HSPF | heating season performance factors |
| HVAC | heating, ventilating, and air conditioning |
| ICC | International Code Council |
| IECC | International Energy Conservation Code |
| IRC | International Residential Code |
| MEC | Model Energy Code |
| PNNL | Pacific Northwest National Laboratory |
| RECS | Residential Energy Consumption Survey |
| SEER | seasonal energy efficiency rating |

# Executive Summary

Section 304(a) of the Energy Conservation and Production Act (ECPA), as amended, directs the Secretary of Energy to review the International Energy Conservation Code (IECC)[1] and make a *determination* as to whether updated editions would improve energy efficiency in residential buildings. The IECC is developed by the International Code Council (ICC) through an established industry review and consensus process with updated editions typically published every three years. DOE reviews the energy savings impacts of updated code editions and publishes its findings in the *Federal Register*. The DOE determination and accompanying technical analysis serve as useful guidance to state and local governments as they review and update their building codes.

The most recent edition, the 2018 IECC, was published in August 2017, triggering the DOE review and determination process. In response, DOE and Pacific Northwest National Laboratory (PNNL) conducted a preliminary analysis to determine energy savings for the 2018 IECC residential provisions relative to the previous edition—the 2015 IECC. This report documents the methodology used to conduct the analysis and summarizes the results and findings.

**Methodology**

The determination analysis is based on an established DOE Methodology (Taylor et al. 2015) and is consistent with previously published determinations (Mendon et al. 2015). The analysis entails a combination of *qualitative* and *quantitative* components in order to identify changes that have a direct impact on residential energy efficiency, and which can be reasonably quantified in estimating overall national average savings impacts. This process can be summarized as follows:

- **Qualitative Assessment**: A compilation of all code changes approved by the ICC for inclusion in the IECC. Individual changes are characterized to identify those expected to have a direct impact on energy efficiency in a significant portion of typical residential buildings.
- **Quantitative Assessment**: Changes are filtered to retain those which could be reasonably quantified through energy modeling and analysis. The resulting collection is then further analyzed to estimate combined effects, with the results aggregated and weighted across the range of climates and building types in order to quantify the national average impacts of the updated IECC.

**Results**

A total of 47 approved code change proposals were identified and analyzed for the 2018 IECC. Analyses of those changes indicate the following:

- 14 changes with a direct impact on energy use in residential buildings—11 of these are expected to reduce energy use and 3 increase energy use; and
- 33 additional changes—changes in this category are often administrative or impact non-energy portions of the code.

Of the 12 changes characterized as having a direct impact on energy efficiency, only 2 are expected to impact a significant fraction of new homes to warrant further quantitative analysis to assess the overall magnitude of the new code's impact. Those two changes are analyzed as part of the quantitative analysis, the results of which

[1] ECPA originally recognized the 1992 CABO Model Energy Code and its successor editions. The IECC is the contemporary successor to the CABO Model Energy Code.

indicate that residential buildings meeting the 2018 IECC incur the following savings on a weighted national average basis:

- 1.68 percent of annual site energy use intensity (EUI),
- 1.91 percent of annual source EUI, and
- 1.97 percent of annual energy cost.

Table ES.1 shows energy savings results, tabulated by climate zone. Relative savings in terms of annual energy costs vary modestly across climate zones, ranging from 1.35 percent in climate zone 2 to 2.22 percent in climate zone 4. Table ES.2 and Table ES.3 summarize the estimated EUIs for the 2015 and 2018 IECC, respectively. Table ES.4, Table ES.5 and Table ES.6 show the results aggregated by building type.

**Table ES.1. Relative Energy Savings of the 2018 IECC compared to the 2015 IECC by Climate Zone (percent)**

| Climate Zone | Weight (%) | Site EUI (%) | Source EUI (%) | Energy Costs (%) |
|---|---|---|---|---|
| 1 | 1.20 | 1.51 | 1.68 | 1.69 |
| 2 | 20.50 | 1.03 | 1.30 | 1.35 |
| 3 | 26.09 | 2.04 | 2.15 | 2.18 |
| 4 | 23.23 | 2.03 | 2.16 | 2.22 |
| 5 | 20.83 | 1.57 | 1.91 | 2.01 |
| 6 | 6.88 | 1.62 | 1.98 | 2.10 |
| 7 | 1.26 | 1.58 | 1.84 | 1.93 |
| 8 | 0.01 | 1.44 | 1.59 | 1.63 |
| National | 100.00 | 1.68 | 1.91 | 1.97 |

**Table ES.2. Energy Use of the 2015 IECC by Climate Zone**

| Climate Zone | Weight (%) | Site EUI (kBtu/ft$^2$-yr) | Source EUI (kBtu/ft$^2$-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| 1 | 1.20 | 14.3 | 38.2 | 906 |
| 2 | 20.50 | 16.9 | 41.3 | 1104 |
| 3 | 26.09 | 17.1 | 39.4 | 1007 |
| 4 | 23.23 | 20.5 | 44.7 | 1128 |
| 5 | 20.83 | 29.4 | 49.4 | 1192 |
| 6 | 6.88 | 31.1 | 51.3 | 1225 |
| 7 | 1.26 | 38.4 | 65.9 | 1582 |
| 8 | 0.01 | 54.2 | 94.4 | 2469 |
| National | 100.00 | 21.6 | 44.3 | 1115 |

**Table ES.3. Energy Use of the 2018 IECC by Climate Zone**

| Climate Zone | Weight (%) | Site EUI (kBtu/ft$^2$-yr) | Source EUI (kBtu/ft$^2$-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| 1 | 1.20 | 14.1 | 37.6 | 890 |
| 2 | 20.50 | 16.7 | 40.8 | 1089 |
| 3 | 26.09 | 16.7 | 38.6 | 985 |
| 4 | 23.23 | 20.1 | 43.7 | 1103 |
| 5 | 20.83 | 28.9 | 48.4 | 1168 |
| 6 | 6.88 | 30.6 | 50.3 | 1200 |
| 7 | 1.26 | 37.8 | 64.7 | 1551 |
| 8 | 0.01 | 53.5 | 92.9 | 2428 |
| National | 100.00 | 21.2 | 43.4 | 1093 |

Table ES.4. Relative Energy Savings of the 2018 IECC compared to the 2015 IECC by Building Type (percent)

| Building Type | Weight (%) | Site EUI (%) | Source EUI (%) | Energy Costs (%) |
|---|---|---|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 | 2.25 | 2.27 | 2.27 |
| Single-family | 82.53 | 1.71 | 1.92 | 1.97 |
| Multifamily Unit | 17.32 | 1.54 | 1.85 | 1.92 |
| National | 100.00 | 1.68 | 1.91 | 1.97 |

Table ES.5. Energy Use of the 2015 IECC by Building Type

| Building Type | Weight (%) | Site EUI (kBtu/ft2-yr) | Source EUI (kBtu/ft2-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 | 9.0 | 26.4 | 780 |
| Single-family | 82.53 | 21.7 | 44.4 | 1222 |
| Multifamily Unit | 17.32 | 21.2 | 43.6 | 606 |
| National | 100.00 | 21.6 | 44.3 | 1115 |

Table ES.6. Energy Use of the 2018 IECC by Building Type

| Building Type | Weight (%) | Site EUI (kBtu/ft2-yr) | Source EUI (kBtu/ft2-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 | 8.8 | 25.8 | 762 |
| Single-family | 82.53 | 21.3 | 43.6 | 1198 |
| Multifamily Unit | 17.32 | 20.9 | 42.8 | 594 |
| National | 100.00 | 21.2 | 43.4 | 1093 |

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# 1 Introduction

The International Energy Conservation Code (IECC) is recognized by the U.S. Congress as the national model energy code for residential buildings under the Energy Conservation and Production Act, as amended (ECPA) (42 USC 6833). Section 304(a) of the ECPA provides that whenever the 1992 CABO Model Energy Code (MEC) or any successor to that code, is revised, the U.S. Secretary of Energy must make a *determination*, not later than 12 months after such revision, whether the revised code would improve energy efficiency in residential buildings and must publish notice of such determination in the *Federal Register* (42 U.S.C. 6833(a)(5)(A)).

On June 11, 2015, the U.S. Department of Energy (DOE) issued an affirmative determination of energy savings for the 2015 IECC (ICC 2014), the relevant successor to the 1992 MEC at the time, that concluded that the 2015 IECC would achieve greater energy efficiency in residential buildings than the 2012 IECC (80 FR 33250). Through this determination, the 2015 IECC became the national model energy code for residential buildings. Consequently, and consistent with previous determinations, the 2015 IECC also became the baseline to which future changes are compared, including the current review of the 2018 IECC.

To support DOE in fulfilling its statutory directive, Pacific Northwest National Laboratory (PNNL) conducted an analysis to determine energy savings for the 2018 IECC residential provisions compared to those of the 2015 IECC. This report documents the methodology used to conduct the analysis and provides a summary of results and findings.

Section 2 of this report provides an overview of the analysis, which is based on a combination of both qualitative and quantitative components. Section 3 provides the qualitative and quantitative analysis results. A comprehensive list of all code change proposals approved for inclusion in the 2018 IECC is included in Appendix A. Additionally, Appendix B and Appendix C detail weighting factors and updates to the energy savings calculation methodology. Appendix D details the modeling strategies used in the quantitative analysis.

# 2 Methodology

## 2.1 Overview

The current analysis is based on an established DOE Methodology (Taylor et al. 2015) and is consistent with previously published determinations (Mendon et al. 2015). The analysis is based on a combination of *qualitative* and *quantitative* components in order to identify changes that have a direct impact on residential energy efficiency, and which can be reasonably quantified in estimating overall savings impacts. This process can be summarized as follows:

- **Qualitative Assessment**: A compilation of all code changes approved by the ICC for inclusion in the IECC. Individual changes are characterized to identify those expected to have a direct impact on energy efficiency in a significant portion of typical residential buildings.
- **Quantitative Assessment**: Changes are filtered to retain those which could be reasonably quantified through energy modeling and analysis. The resulting collection is then further analyzed to estimate combined effects, with the results aggregated and weighted across the range of climates and building types in order to quantify the national average impacts of the updated IECC.

The proceeding sections provide additional detail on the analysis methodology. Several individual changes warrant additional consideration and are discussed in Section 3.1.1. Findings resulting from the analysis are covered in Section 3.2.

## 2.2 Qualitative Assessment

The first step of the analysis is a qualitative assessment by which all approved code change proposals are categorized according to their effect on homes, with particular attention to their expected impact on energy use. Changes expected to have an impact on residential energy efficiency are characterized as:

1. *Decreases Energy Use*: The change is expected to have a beneficial efficiency impact on some or all homes complying with the code (increased energy efficiency and savings)

2. *Increases Energy Use*: The change is expected to have a detrimental efficiency impact on some or all homes complying with the code (decreased energy efficiency and savings)

Many changes do not have a direct impact on energy efficiency and are therefore not designated as falling into one of the above categories. Examples of such changes often include:

- Changes affecting only procedural aspects of complying with the code, such as those providing guidance on inspection protocols or modeling rulesets;

- Changes where impacts are captured under a complementary code requirement, such as the relationship between air tightness testing, associated thresholds (e.g., 5 ACH50), and component air sealing requirements—this serves to avoid double-counting in the quantitative analysis;

- Changes targeting non-energy aspects of the IECC, such as water efficiency requirements[2], and;

- Administrative changes, including editorial corrections, reordering or numbering of code sections, clarifications and reference updates.

Code changes characterized as increasing or decreasing energy use are further evaluated as to whether they can be reasonably quantified through quantitative energy analysis. Appendix A contains a full list of all code changes included in the 2018 IECC and their categorizations.

## 2.3 Quantitative Assessment

The current analysis is based on an established DOE Methodology (Taylor et al. 2015) and builds on previous work by PNNL (Mendon et al. 2015). DOE has historically focused its review of model codes on changes which affect the *mandatory* and *prescriptive* requirements of the code, as such changes are considered to have the most direct and quantifiable impact on energy efficiency in buildings, and have also historically been viewed as the predominant compliance option employed by users of the IECC. While all changes are reviewed individually and assessed as to their anticipated impact during the qualitative analysis, only those changes with a direct and reasonably measurable energy impact are included in the quantitative assessment and therefore the final savings estimates.

Further, the code includes a number of performance-based compliance options which are intended to provide increased flexibility while ensuring that the resulting building is designed to use less (or equal) energy compared to an established baseline. Performance-based alternatives have received increased attention and emphasis in recent code updates. However, they are generally considered optional alternatives to the more traditional prescriptive requirements, and in all cases remain subject to the mandatory code requirements. Such changes can be difficult to reasonably quantify via commonly accepted methods, or are speculative in terms of their expected uptake in practice (i.e., have not been widely implemented in the field to date). For this

[2] Note that no such changes were identified in the current 2018 IECC development cycle

reason, performance-based changes are generally excluded from the quantitative assessment, in which case DOE often defers to the qualitative assessment of the individual change.

The proceeding sections describe the analysis procedures and simulation models relied upon in the quantitative assessment.

### 2.3.1 Building Types and Model Prototypes

DOE's established methodology uses a suite of representative residential prototype buildings, including a single-family and a low-rise multifamily residential building, each with four different foundation types (slab-on-grade, vented crawlspace, heated basement, unheated basement), and four different heating system types (gas furnace, electric resistance, heat pump, fuel oil furnace). The entire set of configurations is designed to represent the majority of the new residential building construction stock in the United States and was created based on construction data from the U.S. Census (Census 2010), the Residential Energy Consumption Survey (RECS 2013) and the National Association of Home Builders (NAHB 2009). Additionally, a tropical, semi-conditioned, single-family residential prototype building was added during the 2015 IECC determination analysis to capture the impact of alternative requirements for buildings meeting certain criteria added in the 2015 IECC development cycle (Mendon et al. 2015). Thus, a total of 48 prototype buildings and configurations are represented (i.e., 3 building types, 4 foundation types, and 4 fuel/equipment types) resulting in 992 individual energy simulation models. Detailed descriptions of the prototype building models and their representative operational assumptions are documented by Mendon et al. (2013, 2015) and Mendon and Taylor (2014).

### 2.3.2 Climate Zones

The eight standardized climate zones used by the International Code Council (ICC) for residential applications are used in this analysis, as shown in Figure 1 (Briggs et al. 2003).

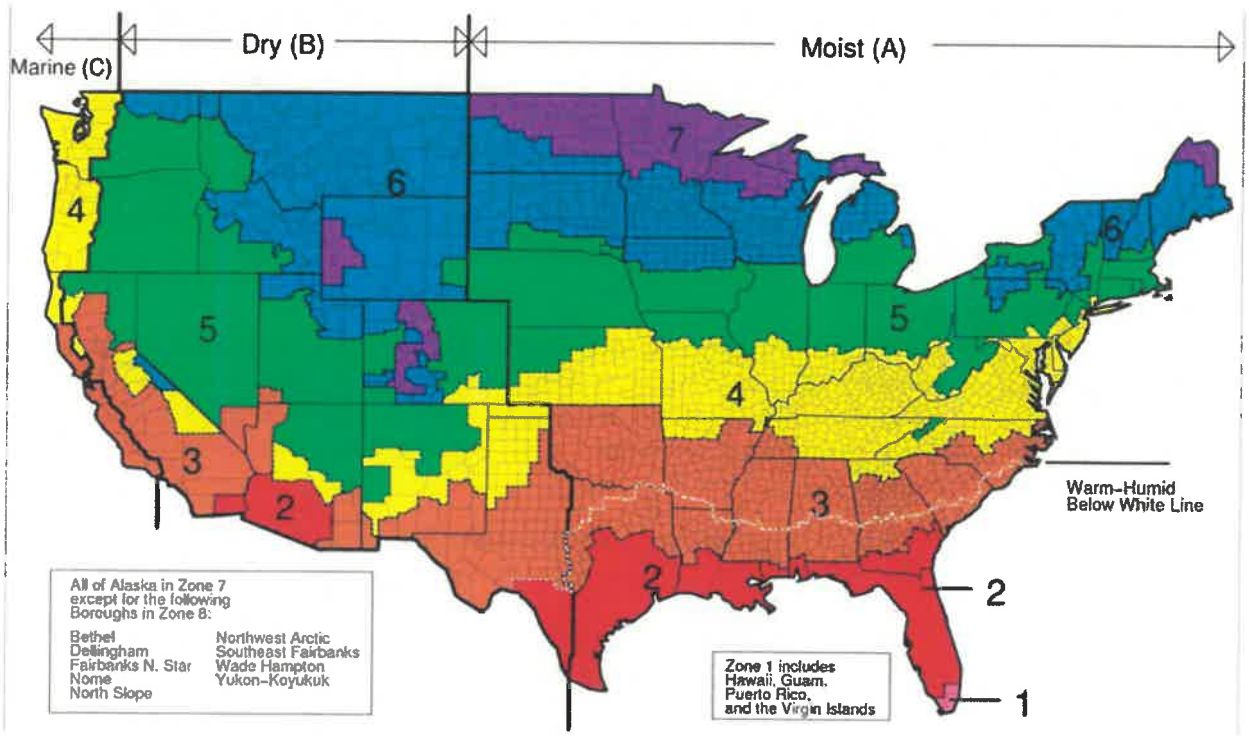


**Figure 1. U.S. Climate Zone Map**

Zones are divided into moist (A), dry (B), and marine (C) regions. However, not all of the moisture regimes apply to all climate zones in the United States and some zones have no moisture designations at all; thus, only 15 thermal-moisture zones exist in the IECC. In addition, the IECC includes a tropical climate designation with an alternative prescriptive compliance path for semi-conditioned buildings meeting certain criteria. This alternative compliance path is simulated using the tropical semi-conditioned single-family building prototype.

The IECC further defines a warm-humid region in the southeastern United States. This region is defined by humidity levels, whereas the moist (A) regime is more closely associated with rainfall. The warm-humid distinction is not used in the determination analysis, however, as it affects only whether basement insulation is required in climate zone 3, where basements are relatively rare.

For this analysis, a specific climate location (city) was selected to represent each of those 16 climate designations:

- 1A: Honolulu (tropical)
- 2A: Houston, Texas (hot, moist)
- 2B: Phoenix, Arizona (hot, dry)
- 3A: Memphis, Tennessee (warm, moist)
- 3B: El Paso, Texas (warm, dry)
- 3C: San Francisco, California (warm, marine)
- 4A: Baltimore, Maryland (mixed, moist)
- 4B: Albuquerque, New Mexico (mixed, dry)
- 1A: Miami, Florida (very hot, moist)
- 4C: Salem, Oregon (mixed, marine)
- 5A: Chicago, Illinois (cool, moist)
- 5B: Boise, Idaho (cool, dry)
- 6A: Burlington, Vermont (cold, moist)
- 6B: Helena, Montana (cold, dry)
- 7: Duluth, Minnesota (very cold)
- 8: Fairbanks, Alaska (subarctic)

For the determination analysis, one set of prototype models was configured to represent construction practices as dictated by the 2015 IECC, another set was configured to represent the 2018 IECC, and then both sets were simulated in all the climate zones and moisture regimes defined in the IECC. An exception is the tropical semi-conditioned single-family prototype, which was simulated only in the tropical location of Honolulu because it is representative of a special subset of buildings common in tropical climates only. Annual energy simulations were carried out for each of the 992 models using *EnergyPlus* version 8.6. The resulting energy use data were converted to energy costs using national average fuel prices, and the energy and energy cost results were weighted to the national level using the weighting factors.

### 2.3.3 Weighting Factors

Weighting factors for each of the prototype buildings were developed for all U.S. climate zones using new residential construction starts and residential construction details from the U.S. Census (Census 2010), RECS (2013), and NAHB (2009). Table 1 through Table 4 summarize the weights aggregated to building type, foundation type, heating system, and climate zone levels. The detailed weighting factors for each prototype building are included in Appendix B.

**Table 1. Weighting Factors by Building Type**

| Building Type | Weight (%) |
|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 |
| Single-family | 82.53 |
| Multifamily | 17.32 |
| Total | 100.00 |

Table 2. Weighting Factors by Foundation Type

| Foundation Type | Weight (%) |
|---|---|
| Crawlspace | 27.76 |
| Slab-on-grade | 47.70 |
| Heated Basement | 13.28 |
| Unheated Basement | 11.26 |
| Total | 100.00 |

Table 3. Weighting Factors by Heating System

| Heating System Type | Weight (%) |
|---|---|
| Gas-fired Furnace | 49.81 |
| Electric Furnace | 6.08 |
| Oil-fired Furnace | 1.56 |
| Heat Pump | 42.56 |
| Total | 100.00 |

Table 4. Weighting Factors by Climate Zone

| Climate Zone | Weight (%) |
|---|---|
| 1 | 1.20 |
| 2 | 20.50 |
| 3 | 26.09 |
| 4 | 23.23 |
| 5 | 20.83 |
| 6 | 6.88 |
| 7 | 1.26 |
| 8 | 0.01 |
| Total | 100.00 |

## 2.4 Conversion of Energy Units

The determination analysis is based on three metrics of energy consumption:

1. *Site Energy*: The energy consumed at the end of the generation cycle within the building site, sometimes references as 'behind the meter' or as shown on the building's utility bill.

2. *Source Energy*: The energy required to power a building including generation and distribution.

3. *Energy Cost*: The total cost of energy required for building functions.

The annual site energy results for the end uses regulated by the IECC—heating, cooling, fans, domestic water heating, lighting, and ventilation—from the simulation analysis of the residential prototype models that minimally comply with the prescriptive and mandatory requirements of the 2015 and 2018 IECC were converted to annual site EUIs based on the conditioned floor area of the residential prototype models. The site energy use was converted to source energy (or primary energy), which accounts for the inefficiencies of generation and losses involved in delivering energy to the site.

The source-site conversion ratios for electricity and natural gas were calculated from the 2016 values reported in Table 2 of the 2017 Annual Energy Outlook produced by the U.S. Energy Information Administration (EIA 2017). Table 5 and Table 6 summarize the source-site conversion factor calculations for electricity and natural gas, respectively. The EIA does not report similar losses associated with fuel oil. In absence of this data, a source-site conversion ratio of 1.01 is used for fuel oil based on ENERGY STAR (2013).

**Table 5. Calculation of the Source-Site Ratio for Electricity**

| Electricity (quadrillion Btu) | Electricity-Related Losses (quadrillion Btu) | Source-Site Ratio[(a)] |
|---|---|---|
| 4.81 | 9.39 | 2.95 |

(a) Source-Site ratio= (4.81+9.39)/4.81=2.95

**Table 6. Calculation of the Source-Site Ratio for Natural Gas**

| Sum of Natural Gas Use, Pipeline, Lease and Plant Fuel (quadrillion Btu) | Delivered to Consumers (quadrillion Btu) | Source-Site Ratio[(a)] |
|---|---|---|
| 28.58 | 26.27 | 1.09 |

(a) Source-Site ratio= 26.27/28.58= 1.09

Finally, the annual energy results from the simulation analysis were converted to annual energy costs using the 2016 national average fuel prices from the EIA. To avoid seasonal fluctuations and regional variations in the price of electricity, the analysis used the average annual residential electricity price of 12.55 ¢/kWh (EIA 2016a). The EIA reports a national annual average cost of \$10.06/1,000 $ft^3$ for natural gas and an average heat content of 1,037 Btu/$ft^3$ for natural gas delivered to consumers in 2016 (EIA 2016b, 2016c). The resulting national average price of \$1.092/therm for natural gas was used in this analysis. In addition, the EIA reports a national annual average cost of \$1.716/gallon for No. 2 fuel oil (EIA 2016d). The heat content of No. 2 fuel oil is assumed to be 138,000 Btu/gallon (NCHH 2015), resulting in a national average price of \$12.43/million Btu for fuel oil.

# 3 Results

## 3.1 Qualitative Assessment

The approved code changes incorporated into the 2018 IECC that have a direct effect on energy use are listed in Table 7. The following information is shown for each change:

1. **Proposal Number**: Change proposal designation assigned by the ICC;
2. **Code Section(s)**: Section numbers in the 2015 IECC that are affected by the code change[3];
3. **Description of Change(s)**: Descriptive summary of the change;
4. **Impact on Energy Efficiency:** Qualitative characterization of those changes expected to increase or decrease energy use;
5. **Included in Energy Analysis:** Indication whether the change can be reasonably assessed through further quantitative analysis, and;
6. **Discussion:** A brief discussion expanding on the description and providing additional rationale.

[3] Because sections are often added or deleted, section numbers will often differ in the 2018 IECC.

Table 7. Qualitative Analysis of 2018 IECC Code Changes Affecting Energy Use

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Impact on Energy Efficiency | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE17-16 | R402.1 (IRC N1102.1) | Exempts log homes designed in accordance with ICC-400 from the thermal envelope requirements of the IECC | Increases Energy Use | No | ICC-400 allows substantially less efficient walls than the IECC, resulting in an expected increase in energy use. Log homes make up a relatively small portion of the housing stock, therefore this change affects about 0.4% of new homes[c]. Log construction is not a feature of typical homes as represented by the standard residential prototypes. See additional discussion in Section 3.1.2. |
| RE22-16 | Table R402.1.2 (IRC Table N1102.1.2) | Requires R-5 under the entire slab-on-grade when the slab is heated | Decreases Energy Use | No | Reduces heat loss in homes with heated slabs, thereby decreasing energy use. Heated slabs are not a feature in typical homes as represented by the prototypes. |
| RE31-16 | Table R402.1.2 (IRC Table N1102.1.2), Table R402.1.4 (IRC Table N1101.1.4) | Lowers (improves) fenestration U-factors in climate zones 3-8 | Decreases Energy Use | Yes | Reduces heat loss/gain through windows and doors, thereby decreasing energy use. This change affects all residences in 6 of the IECC's 8 climate zones. |
| RE53-16 | Table R402.2.6 (IRC Table N1102.2.6) | Corrects an inconsistency in the steel framing R-value equivalency table | Decreases Energy Use | No | Effectively requires an additional R-1 continuous insulation if R-19 wall cavity insulation is used, thereby decreasing energy use. Typical home designs as represented by the prototype models do not include steel framing. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Impact on Energy Efficiency | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE99-16 | R403.3 (IRC N1103.3), R403.3.6 (New) [IRC N1103.3.6 (New)] | Adds provisions for ducts buried in attic insulation | Decreases Energy Use | No | Adds new provisions for buried ducts as an optional feature. Not included in the quantitative analysis because buried ducts are not a feature of typical homes as represented by the prototypes, and because buried ducts are provided as an optional alternative to standard practice. See additional discussion in Section 3.1.2. |
| RE100-16 | R403.3 (IRC N1103.3), R403.3.6 (New) [IRC N1103.3.6 (New)], R403.3.7 (New) [(IRC N1103.3.7) (New)] | Allows buried attic ducts meeting specified insulation and air-sealing criteria to be considered equivalent to ducts located entirely within conditioned space in the simulated performance alternative compliance path | Increases Energy Use | No | Increases heat loss/gain and air leakage into attics compared to ducts entirely within conditioned space, a comparison relevant to a limited number of homes that both have buried ducts and comply via the performance path. Not included in the quantitative analysis as the provision for buried ducts is provided as an optional alternative, and because buried ducts are not a feature in typical homes as represented by the prototypes. See additional discussion in Section 3.1.2. |
| RE121-16 | R403.6.1 (IRC N1103.6.1), Table R403.6.1 (IRC Table N1103.6.1) | Adds HRV/ERV-specific fan-efficacy requirements | Decreases Energy Use | No | Replaces prior efficacy values (for generic "in-line fans") that were considered inappropriate when installing an HRV/ERV systems. Not included in the energy analysis because HRV/ERV systems are an optional feature and not required by the IECC. See additional discussion in Section 3.1.2. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Impact on Energy Efficiency | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE127-16 | R404.1 (IRC N1104.1) | Increases high-efficacy lighting requirements from 75% to 90% of permanently installed lighting fixtures in all homes. Eliminates option of calculating percentages based on lamp counts instead of fixture counts | Decreases Energy Use | Yes | The increased percentage of high-efficacy lighting results in a clear reduction in energy use. This change is applicable across all homes complying with the IECC. |
| RE149-16 | Table R405.5.2 [IRC Table N1105.5.2(1)] | Reformulates equation for ventilation fan energy in the Standard Reference Design of the simulated performance alternative compliance path to reference prescriptive fan-efficacy requirements. | Decreases Energy Use | No | Because the equation in the prior code used a term based on outdated fan efficacies, the change reduces ventilation fan energy in homes complying via the performance path.<br><br>Not included in the quantitative analysis as this provision is offered as an option under the performance path and is intended to create alignment with current prescriptive baseline requirements.<br><br>See additional discussion in Section 3.1.2. |
| RE166-16 | R406.3 (IRC N1106.3), R406.3.1 (IRC N1106.3.1), R406.6.1 (IRC N1106.6.1), R406.7 (IRC N1106.7), R406.7.1 (IRC N1106.7.1), R406.7.2 (IRC N1106.7.2), R406.7.3 (IRC N1106.7.3) | Replaces definition of Energy Rating Index (ERI) with a reference to ANSI/RESNET/ICC 301, except for Reference Home ventilation rates, which are modified to be consistent with IRC requirements (Section M1507.3 of the 2015 IRC) | Decreases Energy Use | No | Bases ERI target on the IRC's ventilation rates, which are lower than those in ANSI/RESNET/ICC 301. This reduces ventilation energy in homes meeting the target in the ERI path. However, RE166-16 did not modify the 301 standard's ventilation specifications for the Rated Home, which are generally equivalent to those of the Reference home, so the actual energy difference owing to this code change is expected to be minimal. See additional discussion in Section 3.1.2. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Impact on Energy Efficiency | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE173-16 | Table R406.4 (IRC Table N1106.4) | Raises (relaxes) ERI thresholds | Increases Energy Use | No | Raising ERI thresholds allows higher energy use in residences under the ERI compliance path. |
| | | Improves mandatory envelope requirements in the ERI compliance path for homes with on-site generation | Decreases Energy Use | No | By strengthening mandatory minimum envelope efficiency requirements, the change prevents degrading envelope efficiency in trade for on-site generation.<br><br>See additional discussion in Section 3.1.2. |
| RE183-16 | R502.1.1.2 (IRC N1108.1.1.2), R503.1.2 (IRC N1109.1.2) | Requires new HVAC systems in additions and alterations to comply with the same requirements as systems in new homes | Decreases Energy Use | No | Improves HVAC efficiency in some additions and alterations. Not included in the quantitative analysis because the established residential methodology and prototypes focus on new housing. |
| CE177-16, Part II | R403.10.3 (IRC N1103.10.3) | Modifies and clarifies an exception to the pool cover requirements | Decreases Energy Use | No | Modestly increases the level of site-recovered energy required to qualify for the exception.<br><br>Not included in the quantitative analysis because pools are not part of typical homes as represented by the prototypes. |

(a) Proposal numbers are as assigned by the ICC (http://media.iccsafe.org/codes/2015-2017/GroupB/CAH/IECC-R.pdf).
(b) Code sections refer to the 2015 IECC. Sections may be renumbered by the ICC in the 2018 IECC.
(c) Personal communication with Rob Pickett, Technical Consultant, Rob Pickett and Associates, LLC, 30 January 2017

### 3.1.1 Summary of Individual Changes

Figure 2 summarizes the changes to the 2018 IECC by category. Among a total of 47[4] changes, 14 were characterized as impacting energy use in residential buildings, 11 of which are expected to reduce energy use and 3 of which increase energy use. Only two of the energy-impacting changes were included in further quantitative analysis to assess the national average energy savings impact that can be expected with the 2018 IECC. Among the other remaining changes approved for inclusion in the 2018 IECC, three are non-energy related changes and 30 were identified as administrative in nature.

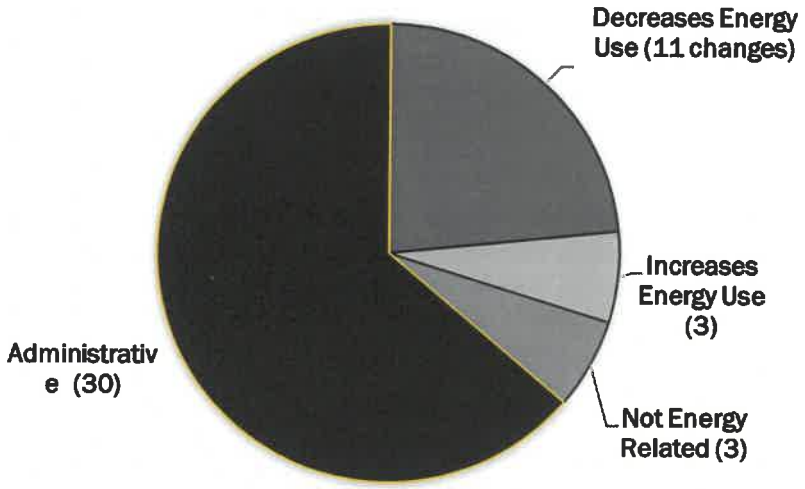


**Figure 2. Categorization of Approved Code Changes (Number of changes)**

### 3.1.2 Additional Discussion of Significant Changes

#### *3.1.2.1 Log Home Envelopes (RE17-16)*

This code change considers the thermal envelopes of log homes to comply with the IECC if they are "designed in accordance with ICC-400." ICC-400, *Standard on the Design and Construction of Log Structures*, covers many aspects of log construction, including energy efficiency requirements. In the most straightforward prescriptive approach, ICC-400 defers to the IECC for house components other than the walls, and results in less efficient homes for two primary reasons. First, ICC-400 was published in 2012 and references the 2012 IECC, which is not the current model energy code and is less efficient overall than the 2018 IECC. Second, ICC-400 replaces wall requirements with log-specific U-factors that are substantially less efficient than the IECC's "mass wall" requirements that would otherwise likely be employed in log homes complying with the IECC. Because log construction is not a typical feature of homes as represented by the prototypes in the established methodology, and log homes represent only about 0.4% of new home construction,[5] this change was not subject to further quantitative analysis.

#### *3.1.2.2 Buried Ducts in Unconditioned Attics (RE99-16, RE100-16, and RE110-16)*

These three changes provide specific requirements for "buried ducts"—attic ducts that include both their own insulation and are buried underneath the attic insulation. The three changes are related but distinct:

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[4] A total of 46 code change proposals were approved for inclusion in the 2018 IECC. However, RE173-16 has two distinct parts, thus leading to a total of 47 code changes evaluated in this analysis.

[5] Personal communication with Rob Pickett, Technical Consultant, Rob Pickett and Associates, LLC, 30 January 2017.

- RE99, although it does not require buried ducts, introduces prescriptive insulation requirements for ducts that are buried in attic insulation.
- RE110 makes changes to the performance compliance path to align it with the new prescriptive requirements added in RE99.
- RE100 makes an independent change to the performance path that allows buried ducts to be considered equivalent in efficiency to ducts located entirely within conditioned space, provided they meet insulation requirements that exceed those introduced by RE99 and achieve specified air leakage requirements.

Burying ducts is not required by any of the changes, but the practice does tend to increase the overall thermal resistance of ducts, and it is anticipated that RE99's (and RE110's) specific requirements will improve efficiency in homes that have buried ducts. RE100, on the other hand, will lower the overall efficiency of some homes complying by the performance path because it will allow certain buried ducts to be credited with zero energy loss even though there remain finite conductive losses and air leakage.

#### *3.1.2.3 HRV/ERV-Specific Fan Efficacy Requirements (RE121-16)*

Prior to the 2018 IECC, the code had no fan efficacy (CFM/Watt) requirements applicable to heat recovery (or energy recovery) ventilators. Arguably, the existing requirements for generic "in-line" fans would have applied, and those efficacies are substantially more stringent than the new HRV/ERV-specific requirements. However, the in-line fan requirements are generally deemed inappropriate for HRV/ERV applications because HRVs/ERVs require two fans, one for intake and one for exhaust. Based on data from the Home Ventilating Institute's Certified Home Ventilating Products Directory, less than 3% of the eligible market would meet the 2015 IECC's in-line fan efficacy requirements.[6] It is therefore unlikely that fan efficacy requirements for HRVs/ERVs have been enforced in the past. Consequently, while the new HRV/ERV provisions appear to imply a reduction in required fan efficacy, they are more appropriately considered new requirements where none existed before and have therefore been categorized as decreasing energy use in residential buildings.

#### *3.1.2.4 Energy Rating Index Definition (RE166-16)*

RE166 replaces the 2015 IECC's cursory definition of an Energy Rating Index (ERI) with a reference to ANSI/RESNET/ICC Standard 301. The new reference standard is largely equivalent to the prior definition, but gives considerably more detail on how to calculate a rating. However, RE166 modifies ANSI/RESNET/ICC Standard 301's reference-design ventilation rates, making them equivalent to the lower flowrate requirements of the IRC (Section M1507.3 of the 2015 IRC). The lower flowrates imply lower energy in the reference design, which will push proposed home designs to lower overall energy consumption for the same ERI thresholds. This also introduces a potential complication for energy ratings, in that homes complying via the ERI path of the 2018 IECC would be required to follow a different ruleset than homes seeking a rating for other purposes, such as a HERS Index rating.

#### *3.1.2.5 Energy Rating Index Thresholds and Mandatory Envelope Requirements in Homes Having On-Site Generation (RE173-16)*

RE173 makes two independent changes: it raises (makes less stringent) the ERI thresholds required for compliance by the ERI path, and it strengthens the mandatory envelope provisions of homes that claim ERI credit for on-site generation. The former change is a direct reduction in the efficiency of homes complying by the ERI path, while the latter increases the efficiency of homes that might otherwise have their envelope efficiency traded down in exchange for solar PV panels, for example.

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[6] http://www.hvi.org/proddirectory/CPD_Reports/section_3/index.cfm, accessed February 2, 2017. Specific files analyzed were located at http://www.hvi.org/prodDirectory/CPD_Reports/section_3/section_3_airFlow.xls and http://www.hvi.org/prodDirectory/CPD_Reports/section_3/section_3_energyRatings.xls.

Although the 2018 IECC's relaxed ERI thresholds are a direct efficiency reduction compared to the 2015 IECC's ERI path, they are likely to result in homes that use less energy than if they had simply been constructed to meet the prescriptive requirements of either code. The ERI path is unique among the IECC's compliance paths in that it is not designed to be energy equivalent to the other paths. Consequently, RE173 is unusual in that its impact includes the possibility of influencing the choice of compliance path, which in turn can have a significant impact on energy.

It is generally understood that the 2015 IECC ERI path has not been used for a significant number of building permits, at least in part because its ERI thresholds imply significant efficiency improvement beyond the prescriptive path. Consequently, even with relaxed thresholds the 2018 IECC ERI path may be a net benefit if its more palatable thresholds induce builders to improve efficiency by using the ERI path instead of the prescriptive or performance path. There are additional marketing incentives to obtain home energy ratings, so the relaxed thresholds might induce some builders to use the ERI path. However, any such path switching is speculative and there is little data to inform impact estimates. Additional data is currently being sought by DOE and others to better quantify the impacts of the ERI path as it experiences additional market uptake amongst users of the IECC.

## 3.2 Quantitative Assessment

Table 8 and Table 9 show the results in terms of relative energy savings (percent) of the 2018 IECC compared to the 2015 IECC by climate zone and by building type. These results are based on changes identified as impacting energy efficiency through the qualitative component of the analysis, and that could also be reasonably measured via the established energy modeling and simulation methodology. The 2018 IECC includes only two code changes which fit this classification—RE31 (fenestration) and RE127 (lighting).

Results are shown in terms of three metrics—site EUI, source EUI, and energy cost. The energy cost metric is used by DOE in reporting its determinations of the energy savings of new code revisions; the other metrics are shown here for reference. The energy cost savings are higher at 1.97 percent relative to the site energy savings, reflecting the greater impact of reduced cooling and lighting loads when conversion costs of electricity are considered.

Relative savings in terms of annual energy costs vary from 1.35 percent in climate zone 2 to 2.22 percent in climate zone 4. The variations by climate zone reflect differences in the relative magnitudes of heating and cooling loads as well as nuances in the relative prevalence of building types, foundation types, and system types.

Table 10 through Table 13 show the raw energy savings values from which the percentages in Table 8 and Table 9 were calculated. The tables show the sum of all regulated energy end uses as calculated from the whole-building energy simulations.

**Table 8. Relative Energy Savings of the 2018 IECC compared to the 2015 IECC by Climate Zone (percent)**

| Climate Zone | Weight (%) | Site EUI (%) | Source EUI (%) | Energy Costs (%) |
|---|---|---|---|---|
| 1 | 1.20 | 1.51 | 1.68 | 1.69 |
| 2 | 20.50 | 1.03 | 1.30 | 1.35 |
| 3 | 26.09 | 2.04 | 2.15 | 2.18 |
| 4 | 23.23 | 2.03 | 2.16 | 2.22 |
| 5 | 20.83 | 1.57 | 1.91 | 2.01 |
| 6 | 6.88 | 1.62 | 1.98 | 2.10 |
| 7 | 1.26 | 1.58 | 1.84 | 1.93 |
| 8 | 0.01 | 1.44 | 1.59 | 1.63 |
| National | 100.00 | 1.68 | 1.91 | 1.97 |

Table 9. Relative Energy Savings of the 2018 IECC compared to the 2015 IECC by Building Type (percent)

| Building Type | Weight (%) | Site EUI (%) | Source EUI (%) |
|---|---|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 | 2.25 | 2.27 |
| Single-family | 82.53 | 1.71 | 1.92 |
| Multifamily Unit | 17.32 | 1.54 | 1.85 |
| National | 100.00 | 1.68 | 1.91 |

Table 10. Energy Use of the 2015 IECC by Climate Zone

| Climate Zone | Weight (%) | Site EUI (kBtu/ft$^2$-yr) | Source EUI (kBtu/ft$^2$-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| 1 | 1.20 | 14.3 | 38.2 | 906 |
| 2 | 20.50 | 16.9 | 41.3 | 1104 |
| 3 | 26.09 | 17.1 | 39.4 | 1007 |
| 4 | 23.23 | 20.5 | 44.7 | 1128 |
| 5 | 20.83 | 29.4 | 49.4 | 1192 |
| 6 | 6.88 | 31.1 | 51.3 | 1225 |
| 7 | 1.26 | 38.4 | 65.9 | 1582 |
| 8 | 0.01 | 54.2 | 94.4 | 2469 |
| National | 100.00 | 21.6 | 44.3 | 1115 |

Table 11. Energy Use of the 2015 IECC by Building Type

| Climate Zone | Weight (%) | Site EUI (kBtu/ft$^2$-yr) | Source EUI (kBtu/ft$^2$-yr) |
|---|---|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 | 9.0 | 26.4 |
| Single-family | 82.53 | 21.7 | 44.4 |
| Multifamily Unit | 17.32 | 21.2 | 43.6 |
| National | 100.00 | 21.6 | 44.3 |

Table 12. Energy Use of the 2018 IECC by Climate Zone

| Climate Zone | Weight (%) | Site EUI (kBtu/ft$^2$-yr) | Source EUI (kBtu/ft$^2$-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| 1 | 1.20 | 14.1 | 37.6 | 890 |
| 2 | 20.50 | 16.7 | 40.8 | 1089 |
| 3 | 26.09 | 16.7 | 38.6 | 985 |
| 4 | 23.23 | 20.1 | 43.7 | 1103 |
| 5 | 20.83 | 28.9 | 48.4 | 1168 |
| 6 | 6.88 | 30.6 | 50.3 | 1200 |
| 7 | 1.26 | 37.8 | 64.7 | 1551 |
| 8 | 0.01 | 53.5 | 92.9 | 2428 |
| National | 100.00 | 21.2 | 43.4 | 1093 |

Table 13. Energy Use of the 2018 IECC by Building Type

| Climate Zone | Weight (%) | Site EUI (kBtu/ft$^2$-yr) | Source EUI (kBtu/ft$^2$-yr) | Energy Costs ($/residence-yr) |
|---|---|---|---|---|
| Tropical Semi-Conditioned Single-family | 0.14 | 8.8 | 25.8 | 762 |
| Single-family | 82.53 | 21.3 | 43.6 | 1198 |
| Multifamily Unit | 17.32 | 20.9 | 42.8 | 594 |
| National | 100.00 | 21.2 | 43.4 | 1093 |

## 3.3 Conclusion

A total of 47 approved code change proposals were analyzed for the 2018 IECC. The qualitative component of the analyses identified 14 changes with a direct impact on energy use in residential buildings—11 of which are expected to reduce energy use and 3 increase energy use. Further assessment of the two code changes included in the quantitative analysis, RE31 (fenestration) and RE127 (lighting), suggest national average savings of approximately:

- 1.68 percent of annual site energy use intensity (EUI);
- 1.91 percent of annual source EUI, and;
- 1.97 percent of annual energy cost.

Based on these results, the 2018 IECC is expected to improve energy efficiency in residential buildings.

# References

42 USC 6833. Chapter 42, U.S. Code, Section 6833. Available at http://www.gpo.gov/fdsys/pkg/USCODE-2011-title42/pdf/USCODE-2011-title42-chap81-subchapII.pdf.

80 FR 33250. *Determination Regarding Energy Efficiency Improvements in the 2015 International Energy Conservation Code (IECC)*. Available at https://www.gpo.gov/fdsys/pkg/FR-2015-06-11/pdf/2015-14297.pdf

Briggs RL, RG Lucas, and ZT Taylor. 2003. "Climate Classification for Building Energy Codes and Standards: Part 1 – Development Process." ASHRAE Transactions (1):4610-4611.

Census – U.S. Census. 2010. *Characteristics of New Housing*. U.S. Census Bureau, Washington, D.C. Available at http://www.census.gov/construction/chars/completed.html

DOE – U.S. Department of Energy. 2017. *EnergyPlus Energy Simulation Software, Version 8.6*. U.S. Department of Energy, Washington, D.C. Available at https://energyplus.net/downloads

EIA – U.S. Energy Information Administration. 2013. *2009 Residential Energy Consumption Survey Data, Table HC8.1*. U.S. Energy Information Administration, Washington D.C. Available at http://www.eia.gov/consumption/residential/data/2009/

EIA – U.S. Energy Information Administration. 2016a. *Table 5.3. Average Price of Electricity to Ultimate Customers*. U.S. Energy Information Administration, Washington D.C. Available at https://www.eia.gov/electricity/monthly/epm_table_grapher.cfm?t=epmt_5_3

EIA – U.S. Energy Information Administration. 2016b. *Natural Gas*. U.S. Energy Information Administration, Washington D.C. Available at https://www.eia.gov/dnav/ng/ng_pri_sum_a_EPG0_PRS_DMcf_a.htm

EIA – U.S. Energy Information Administration. 2016c. *Natural Gas Heat Content*. U.S. Energy Information Administration, Washington D.C. Available at https://www.eia.gov/dnav/ng/ng_cons_heat_a_EPG0_VGTH_btucf_a.htm

EIA – U.S. Energy Information Administration. 2016d. *Petroleum Marketing*. U.S. Energy Information Administration. Washington D.C. Available at https://www.eia.gov/dnav/pet/pet_pri_refoth_dcu_nus_a.htm

EIA – U.S. Energy Information Administration. 2017. *Annual Energy Outlook 2017*. U.S. Energy Information Administration. Washington D.C. Available at https://www.eia.gov/outlooks/aeo/data/browser/#/?id=2-AEO2017&cases=ref2017&sourcekey=0

ENERGY STAR. 2013. *Energy Star Portfolio Manager Technical Reference: Source Energy*. U.S. Environmental Protection Agency. Washington D.C. Available at https://portfoliomanager.energystar.gov/pdf/reference/Source%20Energy.pdf?2da5-f44d

ICC – International Code Council. 2014. *2015 International Energy Conservation Code*. International Code Council, Washington, D.C.

ICC – International Code Council. 2016. *Results of the Final Action Hearings of the 2016 ICC Code Development Cycle*. Available at http://media.iccsafe.org/codes/2015-2017/GroupB/PCH/IECC-R-IRC-E.pdf

ICC – International Code Council. 2017. *2018 International Energy Conservation Code*. International Code Council, Washington, D.C.

Mendon VV, RG Lucas and SG Goel. 2013. *Cost-Effectiveness Analysis of the 2009 and 2012 IECC Residential Provisions – Technical Support Document*. Pacific Northwest National Laboratory, Richland, Washington. Available at http://www.energycodes.gov/sites/default/files/documents/State_CostEffectiveness_TSD_Final.pdf

Mendon VV and ZT Taylor. 2014. Development of Residential Prototype Building Models and Analysis System for Large-Scale Energy Efficiency Studies Using EnergyPlus. 2014 ASHRAE/IBPSA-USA Building Simulation Conference, Atlanta, Georgia.

Mendon VV, ZT Taylor, SU Rao, and YL Xie. 2015. *2015 IECC: Energy Savings Analysis*. Pacific Northwest National Laboratory, Richland, Washington. Available at https://www.energycodes.gov/sites/default/files/documents/2015_IECC_FinalDeterminationAnalysis.pdf

NAHB – National Association of Home Builders. 2009. *Builder Practices Reports*. National Association of Home Builders, Upper Marlboro, Maryland. Available at http://www.homeinnovation.com/trends_and_reports/data/new_construction

NCHH – National Center for Healthy Housing. 2015. Available at http://www.nchh.org/Portals/0/Contents/Exercise_1_Benchmarking1.pdf

RECS – Residential Energy Consumption Survey. 2013. *2009 RECS Survey Data*. U.S. Energy Information Administration. Washington D.C. Available at https://www.eia.gov/consumption/residential/data/2009/

Taylor ZT, VV Mendon, and N Fernandez. 2015. *Methodology for Evaluating Cost-Effectiveness of Residential Energy Code Changes*. Pacific Northwest National Laboratory, Richland, Washington. Available at https://www.energycodes.gov/sites/default/files/documents/residential_methodology_2015.pdf

Wilson E, C Engebrecht Metzger, S Horowitz, and R Hendron. 2014. *2014 Building America House Simulation Protocols*. National Renewable Energy Laboratory, Golden, Colorado. Available at http://energy.gov/sites/prod/files/2014/03/f13/house_simulation_protocols_2014.pdf

## Appendix A - Comprehensive List of Code Change Proposals Approved for Inclusion in the 2018 IECC

There were 46 formal code change proposals resulting in 47 classifiable changes to the IECC, as shown in Table 0.1. Of the 14 changes impacting energy use (11 decreasing, three increasing) two were further analyzed by energy simulation to quantify their impact.

**Table 0.1. Summary of Approved Code Changes in the 2018 IECC**

| Category of Change | Number |
|---|---|
| Decreases Energy Use | 11 |
| Increases Energy Use | 3 |
| Not Energy Related | 3 |
| Administrative | 30 |
| Total | 47 |

Table 0.2 lists all the successful code change proposals incorporated into the 2018 IECC. For each proposal, the following six columns of information are shown:

1. **Proposal Number**: the change proposal designation assigned by the ICC.
2. **Code Section(s)**: a list of the section numbers in the 2015 IECC that are affected by the code change. Because sections are often added or deleted, section numbers will often differ in the 2018 IECC.
3. **Description of Change(s)**: a brief summary of the changes made by the proposal.
4. **Category of Change**: the qualitative categorization of the nature of the change.
5. **Included in Energy Analysis**: an indication whether or not the change was subjected to an additional energy analysis in the subsequent quantitative analysis.
6. **Discussion**: a brief discussion expanding on the change categorization and providing additional rationale, for changes that impact energy use, explaining whether the change is to be included in the subsequent quantitative analysis.

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Table 0.2. Qualitative Analysis of All 2018 IECC Code Changes

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE3-16 | R202 | Copies definition of "air-impermeable insulation" from the IRC and adds new reference standard (ASTM E2178-13) | Administrative | | |
| RE5-16 | R202 (IRC N1101.6) | Enhances descriptive list of lighting types that meet the high-efficacy requirement | Administrative | | |
| RE8-16 | R202 (New) [IRC N1101.6 (New)] | Adds definition for "opaque door" | Administrative | | |
| RE14-16 | R401.3 (IRC N1101.14) | Modifies who may complete the home's energy features certificate | Not Energy Related | | Changes procedural requirements only. |
| RE22-16 | Table R402.1.2 (IRC Table N1102.1.2) | Requires R-5 under the entire slab-on-grade when the slab is heated | Decreases Energy Use | No | Reduces heat loss in homes with heated slabs, thereby decreasing energy use. Heated slabs are not a feature in typical homes as represented by the prototypes. |
| RE31-16 | Table R402.1.2 (IRC Table N1102.1.2), Table R402.1.4 (IRC Table N1101.1.4) | Lowers (improves) fenestration U-factors in climate zones 3-8 | Decreases Energy Use | Yes | Reduces heat loss/gain through windows and doors, thereby decreasing energy use. This change affects all residences in 6 of the IECC's 8 climate zones. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE40-16 | R402.2.2 (IRC N1102.2.2) | Clarifies that the R-30 allowance for ceiling insulation at eaves with energy trusses applies to R-38 and R-49 ceilings | Administrative | | |
| RE53-16 | Table R402.2.6 (IRC Table N1102.2.6) | Corrects an inconsistency in the steel framing R-value equivalency table | Decreases Energy Use | No | Effectively requires an additional R-1 continuous insulation if R-19 wall cavity insulation is used, thereby decreasing energy use. Typical home designs as represented by the prototype models do not include steel framing. |
| RE64-16 | Table R402.4.1.1 (IRC Table N1102.4.1.1) | Clarifies requirements for sealing Heating, ventilation, and air conditioning (HVAC) register boots | Administrative | | |
| RE65-16 | Table R402.4.1.1 (IRC Table N1102.4.1.1) | Clarifies requirements for sealing recessed lighting | Administrative | | |
| RE71-16 | Table R402.4.1.1 (IRC Table N1102.4.1.1) | Clarifies that sealing requirements for HVAC register boots apply to both supply and return ducts | Administrative | | |
| RE83-16 | R402.4.1.2 (IRC N1102.4.1.2) | Changes reference standard for testing envelope air tightness | Administrative | | The new reference standard is better aligned with how the industry typically performs tests. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE84-16 | R402.4.1.2 (IRC N1102.4.1.2) | Clarifies requirements for testing envelope air tightness | Administrative | | |
| RE90-16 | R402.4.2 (IRC N1102.4.2) | Eliminates requirement that masonry fireplace doors be listed and labeled in accordance with UL 907 | Administrative | | Corrects an error in the code—UL 907 is not applicable to fireplace doors, so no such doors can be so listed/labeled. |
| RE99-16 | R403.3 (IRC N1103.3), R403.3.6 (New) [IRC N1103.3.6 (New)] | Adds provisions for ducts buried in attic insulation | Decreases Energy Use | No | Adds new provisions for buried ducts as an optional feature. Not included in the quantitative analysis because buried ducts are not a feature of typical homes as represented by the prototypes, and because buried ducts are provided as an optional alternative to standard practice. See additional discussion in Section 3.1.2. |
| RE100-16 | R403.3 (IRC N1103.3), R403.3.6 (New) [IRC N1103.3.6 (New)], R403.3.7 (New) [(IRC N1103.3.7) (New)] | Allows buried attic ducts meeting stringent insulation and air-sealing criteria to be considered equivalent to ducts entirely within conditioned space in the simulated performance alternative compliance path | Increases Energy Use | No | Increases heat loss/gain and air leakage into attics compared to ducts entirely within conditioned space, a comparison relevant to a limited number of homes that both have buried ducts and comply via the performance path. Not included in the quantitative analysis as the provision for buried ducts is provided as an optional alternative, and because buried ducts are not a feature in typical homes as represented by the prototypes. See additional discussion in Section 3.1.2. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE102-16 | R403.3.2 (IRC N1103.3.2) | Clarifies duct sealing requirements | Administrative | | |
| RE105-16 | R403.3.3 (IRC N1103.3.3) | Clarifies that heat recovery ventilator/ energy recovery ventilator (HRV/ERV) ducts not integrated with HVAC ductwork are not to be included in HVAC duct pressure tests | Administrative | | |
| RE110-16 | R403.3 (IRC N1103.3), R403.3.6 (New) [IRC N1103.3.6) (New)], R403.3.6.1 (New) [IRC N1103.3.6.1 (New)] | Adds provisions for accounting for the efficiency of ducts buried in attic insulation when using the simulated performance alternative compliance path | Administrative | | Aligns performance path with provisions introduced by RE99-16. |
| RE121-16 | R403.6.1 (IRC N1103.6.1), Table R403.6.1 (IRC Table N1103.6.1) | Adds HRV/ERV-specific fan-efficacy requirements | Decreases Energy Use | No | Replaces prior efficacy values (for generic "in-line fans") that were considered inappropriate when installing an HRV/ERV systems. Not included in the energy analysis because HRV/ERV systems are an optional feature and not required by the IECC. See additional discussion in Section 3.1.2. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE126-16 | R404.1 (IRC N1104.1) | Eliminates exception for low-voltage lighting when determining high-efficacy lighting requirements | Administrative. | | Adjusts code language to match market realities—many light-emitting diode (LED) fixtures, which are inherently high efficacy, could be considered low voltage. |
| RE127-16 | R404.1 (IRC N1104.1) | Increases high-efficacy lighting requirements from 75% to 90% of permanently installed lighting fixtures in all homes. Eliminates option of calculating percentages based on lamp counts instead of fixture counts | Decreases Energy Use | Yes | The increased percentage of high-efficacy lighting results in a clear reduction in energy use. This change is applicable across all homes complying with the IECC. |
| RE132-16 | R405.1 (IRC N1101.5) | Modifies scope of simulated performance alternative compliance path to explicitly include energy used for mechanical ventilation | Administrative | | Corrects an ambiguity in the code, aligning scope definition with detailed provisions already in the performance path. |
| RE140-16 | R405.3 (IRC N1105.3) | Modifies an example data source for energy prices mentioned in the code | Administrative | | The example data source is informative, not normative. |
| RE142-16 | R405.4.2 (IRC N1105.4.2) | Allows sampling in the simulated performance alternative compliance path for stacked multifamily units | Not Energy Related | | Changes enforcement procedures without changing efficiency requirements. |
| RE143-16 | Table R405.5.2(1) [IRC Table N1105.5.2(1)] | Eliminates unused language related to buildings not tested for air leakage from simulated performance alternative compliance path | Administrative | | Removes legacy text; the code now requires all buildings to be tested for air leakage, so the separate requirement for untested buildings is not needed. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE149-16 | Table R405.5.2 [IRC Table N1105.5.2(1)] | Reformulates equation for ventilation fan energy in the Standard Reference Design of the simulated performance alternative compliance path to reference prescriptive fan-efficacy requirements. | Decreases Energy Use | No | Because the equation in the prior code used a term based on outdated fan efficacies, the change reduces ventilation fan energy in homes complying via the performance path.<br><br>Not included in the quantitative analysis as this provision is offered as an option under the performance path and is intended to create alignment with current prescriptive baseline requirements.<br><br>See additional discussion in Section 3.1.2. |
| RE152-16 | Table R405.5.2(1) [IRC Table N1105.5.2(1)] | Modifies distribution system efficiency of non-ducted, fan-less HVAC systems to be 1.0 in the simulated performance alternative compliance path | Administrative | | Clarifies that there are no distribution system losses when there is no distribution system; aligns standard reference design specifications with default values for "ductless" systems. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE166-16 | R406.3 (IRC N1106.3), R406.3.1 (IRC N1106.3.1), R406.6.1 (IRC N1106.6.1), R406.7 (IRC N1106.7), R406.7.1 (IRC N1106.7.1), R406.7.2 (IRC N1106.7.2), R406.7.3 (IRC N1106.7.3) | Replaces definition of Energy Rating Index (ERI) with a reference to ANSI/RESNET/ICC 301, except for Reference Home ventilation rates, which are modified to be consistent with IRC requirements (Section M1507.3 of the 2015 IRC) | Decreases Energy Use | No | Bases ERI target on the IRC's ventilation rates, which are lower than those in ANSI/RESNET/ICC 301. This reduces ventilation energy in homes meeting the target in the ERI path. However, RE166-16 did not modify the 301 standard's ventilation specifications for the Rated Home, which are generally equivalent to those of the Reference home, so the actual energy difference owing to this code change is expected to be minimal. See additional discussion in Section 3.1.2. |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| RE173-16 | Table R406.4 (IRC Table N1106.4) | Raises (relaxes) ERI thresholds | Increases Energy Use | No | Raising ERI thresholds allows higher energy use in residences under the ERI compliance path. |
| | | Improves mandatory envelope requirements in the ERI compliance path for homes with on-site generation | Decreases Energy Use | No | By strengthening mandatory minimum envelope efficiency requirements, the change prevents degrading envelope efficiency in trade for on-site generation. |
| RE183-16 | R502.1.1.2 (IRC N1108.1.1.2), R503.1.2 (IRC N1109.1.2) | Requires new HVAC systems in additions and alterations to comply with the same requirements as systems in new homes | Decreases Energy Use | No | Improves HVAC efficiency in some additions and alterations. Not included in the quantitative analysis because the established residential methodology and prototypes focus on new housing. |
| RE184-16 | R503.1.1.1 (IRC N1109.1.1.1) | Allows area-weighted averaging for compliance with fenestration requirements in fenestration replacements | Administrative | | |
| RE187-16 | Appendix RA (IRC Appendix T) | Deletes informative appendix on worst-case testing of atmospheric venting systems | Administrative | | |
| CE3-16, Part II | R202 (IRC N1101.6) | Modifies definition of "air barrier," eliminating a redundant definition of "continuous air barrier" | Administrative | | |
| CE4-16, Part II | R202 (IRC N1101.6) | Clarifies definition of "thermal envelope" | Administrative | | |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| CE11-16, Part II | R202 (IRC N1101.6), R202 | Slightly modifies definitions of fenestration, skylights, and doors | Administrative | | |
| CE26-16, Part II | IECC: R303.1.1 | Requires R-value mark for insulation installed above the roof deck consistent with International Building Code requirements | Not Energy Related | | Simplifies required means of identifying R-values for enforcement purposes without changing the required R-values. |
| CE30-16, Part II | Table R303.1.3(2) [IRC Table N1101.10.3(2)] | Makes editorial changes to default U-factor table for fenestration | Administrative | | |
| CE84-16, Part II | R402.2.5 (IRC N1102.2.5), Table R402.1.2 (IRC Table N1102.1.2), Table R402.1.4 (IRC Table N1102.1.4) | Makes editorial changes to clarify requirements for mass walls and mass floors | Administrative | | |
| CE157-16, Part II | IECC: R101.4.1, R101.5 | Clarifies terminology regarding mixed occupancy | Administrative | | |
| CE174-16, Part II | R403.5.2 (IRC N1103.5.2) | Makes editorial changes to clarify definitions and requirements related to circulating hot water systems | Administrative | | |

| Proposal Number[a] | Code Section(s)[b] | Description of Change(s) | Category of Change | Included in Energy Analysis | Discussion |
|---|---|---|---|---|---|
| CE176-16, Part II | R403.10.3 (IRC N1103.10.3) | Clarifies pool cover requirements | Administrative | | |
| CE177-16, Part II | R403.10.3 (IRC N1103.10.3) | Modifies and clarifies an exception to the pool cover requirements | Decreases Energy Use | No | Modestly increases the level of site-recovered energy required to qualify for the exception.<br><br>Not included in the quantitative analysis because pools are not part of typical homes as represented by the prototypes. |
| CE248-16, Part II | R406.3 (IRC N1106.3) | Explicitly excludes energy used to charge electric vehicles from the ERI calculations | Administrative | | |
| CE274-16, Part II | R501.4 (IRC N1107.4) | Explicitly adds the International Existing Building Code to the list of codes that must be satisfied | Administrative | | |

(a) Proposal numbers are as assigned by the ICC (http://media.iccsafe.org/codes/2015-2017/GroupB/CAH/IECC-R.pdf).
(b) Code sections refer to the 2015 IECC. Sections may be renumbered by the ICC in the 2018 IECC.
(c) Personal communication with Rob Pickett, Technical Consultant, Rob Pickett and Associates, LLC, 30 January 2017

## Appendix B - Detailed Weighting Factors for Each Residential Prototype

| Bldg. Type | Foundation | Heating System | CZ1 (%) | CZ2 (%) | CZ3 (%) | CZ4 (%) | CZ5 (%) | CZ6 (%) | CZ7 (%) | CZ8 (%) | Weights by Prototype (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Tropical Semi-Conditioned Single-family | Crawlspace | Electric Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Crawlspace | Gas-fired Furnace | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 |
| Tropical Semi-Conditioned Single-family | Crawlspace | Heat pump | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| Tropical Semi-Conditioned Single-family | Crawlspace | Oil-fired Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Heated Basement | Electric Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Heated Basement | Gas-fired Furnace | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| Tropical Semi-Conditioned Single-family | Heated Basement | Heat pump | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Heated Basement | Oil-fired Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Slab-on-grade | Electric Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Slab-on-grade | Gas-fired Furnace | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 |
| Tropical Semi-Conditioned Single-family | Slab-on-grade | Heat pump | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |

| Bldg. Type | Foundation | Heating System | CZ1 (%) | CZ2 (%) | CZ3 (%) | CZ4 (%) | CZ5 (%) | CZ6 (%) | CZ7 (%) | CZ8 (%) | Weights by Prototype (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Tropical Semi-Conditioned Single-family | Slab-on-grade | Oil-fired Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Unheated Basement | Electric Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Unheated Basement | Gas-fired Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Unheated Basement | Heat pump | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tropical Semi-Conditioned Single-family | Unheated Basement | Oil-fired Furnace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Single-family | Crawlspace | Electric Furnace | 0.01 | 0.31 | 0.46 | 0.17 | 0.07 | 0.02 | 0.01 | 0.00 | 1.04 |
| Single-family | Crawlspace | Gas-fired Furnace | 0.13 | 1.22 | 3.05 | 2.84 | 2.72 | 0.64 | 0.14 | 0.00 | 10.73 |
| Single-family | Crawlspace | Heat pump | 0.11 | 1.74 | 4.07 | 3.72 | 0.92 | 0.23 | 0.07 | 0.00 | 10.86 |
| Single-family | Crawlspace | Oil-fired Furnace | 0.00 | 0.00 | 0.01 | 0.04 | 0.15 | 0.04 | 0.00 | 0.00 | 0.24 |
| Single-family | Heated Basement | Electric Furnace | 0.00 | 0.01 | 0.02 | 0.07 | 0.08 | 0.04 | 0.01 | 0.00 | 0.23 |
| Single-family | Heated Basement | Gas-fired Furnace | 0.02 | 0.03 | 0.15 | 1.17 | 3.27 | 1.39 | 0.25 | 0.00 | 6.29 |
| Single-family | Heated Basement | Heat pump | 0.02 | 0.04 | 0.20 | 1.81 | 1.14 | 0.54 | 0.13 | 0.00 | 3.88 |
| Single-family | Heated Basement | Oil-fired Furnace | 0.00 | 0.00 | 0.00 | 0.02 | 0.23 | 0.11 | 0.00 | 0.00 | 0.37 |
| Single-family | Slab-on-grade | Electric Furnace | 0.01 | 1.27 | 0.73 | 0.17 | 0.08 | 0.02 | 0.01 | 0.00 | 2.29 |
| Single-family | Slab-on-grade | Gas-fired Furnace | 0.16 | 6.07 | 5.35 | 2.74 | 3.22 | 0.77 | 0.15 | 0.00 | 18.46 |
| Single-family | Slab-on-grade | Heat pump | 0.19 | 7.15 | 6.30 | 3.56 | 1.10 | 0.29 | 0.08 | 0.00 | 18.66 |
| Single-family | Slab-on-grade | Oil-fired Furnace | 0.00 | 0.01 | 0.01 | 0.04 | 0.19 | 0.06 | 0.00 | 0.00 | 0.31 |
| Single-family | Unheated Basement | Electric Furnace | 0.00 | 0.01 | 0.05 | 0.06 | 0.06 | 0.03 | 0.00 | 0.00 | 0.22 |
| Single-family | Unheated Basement | Gas-fired Furnace | 0.01 | 0.04 | 0.36 | 0.88 | 2.83 | 0.95 | 0.11 | 0.00 | 5.18 |
| Single-family | Unheated Basement | Heat pump | 0.00 | 0.06 | 0.47 | 1.46 | 1.01 | 0.38 | 0.06 | 0.00 | 3.44 |
| Single-family | Unheated Basement | Oil-fired Furnace | 0.00 | 0.00 | 0.00 | 0.02 | 0.23 | 0.08 | 0.00 | 0.00 | 0.34 |
| Multifamily | Crawlspace | Electric Furnace | 0.00 | 0.19 | 0.37 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 0.63 |

| Bldg. Type | Foundation | Heating System | CZ1 (%) | CZ2 (%) | CZ3 (%) | CZ4 (%) | CZ5 (%) | CZ6 (%) | CZ7 (%) | CZ8 (%) | Weights by Prototype (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Multifamily | Crawlspace | Gas-fired Furnace | 0.06 | 0.10 | 0.75 | 0.69 | 0.67 | 0.18 | 0.03 | 0.00 | 2.48 |
| Multifamily | Crawlspace | Heat pump | 0.05 | 0.18 | 0.56 | 0.73 | 0.09 | 0.02 | 0.01 | 0.00 | 1.63 |
| Multifamily | Crawlspace | Oil-fired Boiler | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.01 | 0.00 | 0.00 | 0.07 |
| Multifamily | Heated Basement | Electric Furnace | 0.00 | 0.00 | 0.02 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.07 |
| Multifamily | Heated Basement | Gas-fired Furnace | 0.01 | 0.00 | 0.02 | 0.31 | 0.80 | 0.43 | 0.07 | 0.00 | 1.65 |
| Multifamily | Heated Basement | Heat pump | 0.00 | 0.00 | 0.02 | 0.44 | 0.13 | 0.07 | 0.02 | 0.00 | 0.69 |
| Multifamily | Heated Basement | Oil-fired Boiler | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.02 | 0.00 | 0.00 | 0.09 |
| Multifamily | Slab-on-grade | Electric Furnace | 0.00 | 0.78 | 0.63 | 0.07 | 0.01 | 0.00 | 0.00 | 0.00 | 1.50 |
| Multifamily | Slab-on-grade | Gas-fired Furnace | 0.11 | 0.54 | 1.37 | 0.64 | 0.75 | 0.22 | 0.04 | 0.00 | 3.67 |
| Multifamily | Slab-on-grade | Heat pump | 0.16 | 0.73 | 0.93 | 0.72 | 0.11 | 0.03 | 0.01 | 0.00 | 2.68 |
| Multifamily | Slab-on-grade | Oil-fired Boiler | 0.00 | 0.00 | 0.00 | 0.02 | 0.04 | 0.01 | 0.00 | 0.00 | 0.08 |
| Multifamily | Unheated Basement | Electric Furnace | 0.00 | 0.01 | 0.04 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.09 |
| Multifamily | Unheated Basement | Gas-fired Furnace | 0.00 | 0.00 | 0.09 | 0.28 | 0.64 | 0.23 | 0.02 | 0.00 | 1.27 |
| Multifamily | Unheated Basement | Heat pump | 0.00 | 0.01 | 0.06 | 0.43 | 0.11 | 0.04 | 0.01 | 0.00 | 0.66 |
| Multifamily | Unheated Basement | Oil-fired Boiler | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.01 | 0.00 | 0.00 | 0.07 |
| Weights by Climate Zone | | | 1.20 | 20.50 | 26.09 | 23.23 | 20.83 | 6.88 | 1.26 | 0.01 | 100.00 |

# Appendix C - Updates to the Energy Savings Calculation Methodology

Although the present analysis of the 2018 IECC builds on the previous 2015 IECC energy savings analysis, it differs in a few ways:

1. A newer version of DOE's *EnergyPlus* building energy simulation software was used—this was done to accommodate the software update process and to incorporate software improvements and new data.
2. DOE's methodology has been revised since the 2015 IECC analysis to better represent typical construction. DOE typically updates its methodology through a public process at the beginning of each code cycle to ensure its analysis and underlying assumptions remain valid.
3. The efficiencies of furnaces, air conditioners, and heat pumps have been increased to reflect changes in federal minimum standards.

These changes are important because they impact the 2015 IECC models which are the baseline for this analysis. To ensure that the current analysis was both up-to-date and the comparison between the 2015 and 2018 IECC versions was valid, all 2015 models were re-run incorporating these changes.

## C.1. EnergyPlus Version Upgrade

The determination of energy savings for the 2015 IECC was conducted using *EnergyPlus* version 8.0. In the intervening years, DOE has periodically updated its *EnergyPlus* software program. The current analysis used *EnergyPlus* version 8.6, which has resulted in changes to the energy use intensity (EUI) of the baseline relative to the previous analysis.

### *C.1.1 Updated Residential Prototypes*

DOE's residential analysis methodology was updated in August 2015. Based on public comments, DOE made several changes to the single-family prototype, including increasing the aspect ratio—and hence, the relative areas of exterior walls and ceilings—to better reflect typical new home construction, and a simplification of roof/ceiling configurations when non-roof components are being evaluated. Table 0.3 summarizes these differences.

In addition to the changes shown in Table 0.3, a previously incorrect approach for modeling the interior shading fraction based on the fenestration solar heat gain coefficient was corrected. The regulated site energy calculation performed during post-processing was also revised to include the energy required to run the ventilation fans—assumed in the prototype models to be bathroom exhaust fans. This value ranges from 165 to 288 kWh annually, depending on the single-family or multifamily prototype building unit.

### *C.1.2 Federal Minimum Equipment Efficiencies*

The efficiencies of many types of HVAC equipment are regulated by federal appliance and equipment standards (i.e., not the IECC); therefore, the IECC does not directly specify minimum annual fuel utilization efficiencies (AFUE) for furnaces, seasonal energy efficiency ratios (SEER) for air conditioners and heat pumps in cooling mode, heating season performance factors (HSPF) for heat pumps in heating mode, or energy factors (EF) for water heaters. Efficiencies for both the baseline models and the 2018 models were set at the prevailing federal minimum manufacturing standard levels as specified in DOE's energy savings analysis methodology. The federal minimum efficiencies for some equipment classes have changed since the 2015 IECC was published in June 2014. Table 0.4 shows the efficiencies used for the previous 2015 IECC analysis and the present 2018 IECC.

**Table 0.3. Summary of Changes to Single-Family Prototype between 2015 IECC and 2018 IECC Energy Savings Analyses from DOE's Revised Methodology**

| Building Element | 2015 IECC Energy Savings Analysis | 2018 IECC Energy Savings Analysis |
|---|---|---|
| **Conditioned Floor Area** | 2,400 $ft^2$ | 2,376 $ft^2$ |
| **Aspect Ratio** | 1.33:1 (40' x 30') | 2.45:1 (54' x 22') |
| **Ceiling Area** | 1,200 $ft^2$, 70% under attic, 30% cathedral | 1,188 $ft^2$, 100% under attic unless specific roof/ceiling measures warrant other (or multiple) roof/ceiling types[(a)] |
| **Gross Exterior Wall Area** | 2,380 $ft^2$ | 2,584 $ft^2$ |
| **Foundation Perimeter Length** | 140 ft | 152 ft |

(a) The change to 100% ceiling under attic was also applied to the multifamily prototype.

**Table 0.4. Summary of Equipment Efficiencies Used in Previous and Present Analyses**

| IECC Edition | Gas Furnace AFUE (%) | Oil Furnace AFUE (%) | Air Conditioner/ Heat Pump SEER (Btu/Wh) | Air Conditioner/ Heat Pump EER (Btu/Wh) | Heat Pump HSPF (Btu/Wh) | Oil Boiler AFUE (%) | Gas-fired Storage Water Heater (EF) | Electric Storage Water Heater (EF) |
|---|---|---|---|---|---|---|---|---|
| 2015 IECC | 78% | 83% | 13 | N/A | 7.7 | 80% | 0.627 | 0.948 |
| 2018 IECC | 80% | 83% | 13/14[(a)] | 12.2[(b)] | 8.2 | 84% | 0.615 | 0.948 |

(a) The higher SEER of 14 applies in Alabama, Arkansas, Delaware, Florida, Georgia, Hawaii, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and in the District of Columbia.

(b) The energy efficiency ratio (EER) requirement, shown for a cooling capacity less than 45,000 Btu/hr, applies only in Arizona, California, Nevada, and New Mexico.

## C.2. Overall Energy Impact

Table 0.5 shows a comparison between the published 2015 IECC EUIs from the 2015 IECC determination (Mendon et al. 2015) and the 2015 IECC EUIs calculated after performing the updates discussed above. The revised EUIs are 4.8% higher than the previously published EUIs. The main reasons for this are the higher heating loads used in *EnergyPlus* version 8.6 compared to version 8.0, the inclusion of ventilation fan energy in the total site energy calculation, and the revised dimensions of the single-family prototype building with a smaller footprint and higher above-grade wall area.

**Table 0.5. Impact of Changes on 2015 IECC Estimated Regulated Annual EUI, by Climate Zone**

| Climate Zone | Weight (%) | Estimated Regulated Annual Site EUI, by Climate Zone (2015 IECC) | | Difference (%) |
|---|---|---|---|---|
| | | Published in the 2015 IECC Determination | Current Results with Changes | |
| 1 | 1.20 | 13.8 | 14.3 | 3.07 |
| 2 | 20.50 | 16.8 | 16.9 | 0.29 |
| 3 | 26.09 | 16.7 | 17.1 | 2.25 |
| 4 | 23.23 | 19.3 | 20.5 | 6.44 |
| 5 | 20.83 | 27.4 | 29.4 | 7.23 |
| 6 | 6.88 | 29.0 | 31.1 | 7.06 |
| 7 | 1.26 | 35.9 | 38.4 | 7.18 |
| 8 | 0.01 | 49.8 | 54.2 | 8.92 |
| National | 100.00 | 20.6 | 21.6 | 4.80 |

## Appendix D - Modeling of Individual Code Changes

This section describes the modeling strategies used for modeling the two code changes in the quantitative analysis.

### D.1. RE31-16: Fenestration U-Factors

This code change reduces the heat transfer coefficient (U-factor), and thus the building heating consumption, for fenestration in climate zones 3 through 8, and Table 0.1 compares the new requirements in the 2018 IECC to those in the 2015 IECC.

**Table 0.1. Fenestration U-Factors Requirements of the 2015 IECC and 2018 IECC**

| Climate Zone | Fenestration U-Factor (Btu/hr-ft2-F) | |
|---|---|---|
| | 2015 IECC | 2018 IECC |
| 1 | NR | NR |
| 2 | 0.40 | 0.40 |
| 3 and 4 (except 4C) | 0.35 | 0.32 |
| 4C, and 5 through 8 | 0.32 | 0.30 |

### D.2. RE127-16: High-Efficacy Lighting Requirements

RE127-16 reduces the lighting energy consumption in homes by increasing the requirement of high-efficacy lighting from 75 percent of permanently installed lighting fixtures to 90 percent. It also eliminates the option of calculating percentages based on lamp counts instead of fixture counts.

Lighting energy in the DOE prototypes is calculated based on the Building America House Simulation Protocols as detailed by Mendon et al. (2013) and divided into hardwired, plug-in, exterior, and garage lighting. The Building America protocols establish a set of equations that can be used to calculate annual lighting energy consumption depending on the fraction of incandescent lamps, compact fluorescents (CFLs), light emitting diodes (LEDs), and linear fluorescents (LFs) present in the home (Wilson et al. 2014). Because RE127-16 applies only to permanently installed (hardwired) fixtures, the impact of this code change is calculated using Building America's smart lamp replacement approach using Equations 3.1 and 3.2 and the fractions specified in Table 0.2. While LEDs are gaining popularity in the residential market, this analysis assumes that low-efficacy lighting is replaced by CFLs only—this yields a conservative estimate of energy savings from this measure.

$$\textit{Baseline Interior Hardwired Lighting Energy (kWh/yr)} = 0.8 \times (\textit{Conditioned Floor Area} \times 0.542 + 334) \quad (3.1)$$

$$\textit{Interior Hardwired lighting energy (kWh/yr)} = L_{HW} \times \{[(F_{inc,\,HW} + 0.34) + (F_{CFL,\,HW} - 0.21) \times 0.27 + F_{LED,\,HW} \times 0.30 + (F_{LF,\,HW} - 0.13) \times 0.17] \times SAF \times 0.9 + 0.1 \quad (3.2)$$

where
- $L_{HW}$ = Baseline annual interior hardwired lighting energy from equation 3.1
- $F_{inc,\,HW}$ = Fraction of hardwired lamps that are incandescent
- $F_{CFL,\,HW}$ = Fraction of hardwired lamps that are CFLs
- $F_{LF,\,HW}$ = Fraction of hardwired lamps that are LFs
- $SAF$ = Smart replacement algorithm factor: $1.1 \times F_{inc}^{4} - 1.9 \times F_{inc}^{3} + 1.5 \times F_{inc}^{2} - 0.7 \times Fi_{nc} + 1$

**Table 0.2. Lighting Type Fractions for the 2015 and 2018 IECC**

| | 2015 IECC | 2018 IECC |
|---|---|---|
| Fraction Incandescent ($F_{inc}$) | 0.25 | 0.10 |
| Fraction CFL ($F_{CFL}$) | 0.62 | 0.77 |

| | | |
|---|---|---|
| Fraction Linear Fluorescent ($F_{LF}$) | 0.13 | 0.13 |

Table 0.3 summarizes the resulting annual hardwired interior lighting energy consumption for the 2015 and 2018 IECC for the single-family building prototype and the multifamily prototype building unit. This value is converted to a lighting power density input for the models using the annual hours of use based on the lighting schedule. In addition to the direct reduction in lighting energy use, the energy simulation also accounts for the interactive effects between the reduced internal gains from the high-efficacy lighting and the corresponding increase in heating energy and reduction in cooling energy.

**Table 0.3. Calculated Annual Interior Hardwired Lighting Energy for the 2015 and 2018 IECC by Building Type**

| Building Type | 2015 IECC | 2018 IECC |
|---|---|---|
| Tropical Semi-Conditioned Single-family | 858 kWh | 744 kWh |
| Single-family | 858 kWh | 744 kWh |
| Multifamily Unit | 521 kWh | 452 kWh |

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DOE/EE-1972 • May 2019

**TOWN OF EATON, COLORADO**
**ORDINANCE NO. 637**

**AN ORDINANCE REPEALING AND READOPTING SECTION 6-1-7 OF THE EATON MUNICIPAL CODE CONCERNING THE INTERNATIONAL ENERGY CONSERVATION CODE, 2018 EDITION.**

**WHEREAS,** the Town of Eaton, Colorado ("Town") is a municipal corporation duly organized and existing under the Constitution and laws of the State of Colorado; and

**WHEREAS,** the Town Board of Trustees ("Town Board") is vested with the authority to administer the affairs of the Town; and

**WHEREAS,** the Town Board adopted Section I of Chapter VI of the Eaton Municipal Code ("Code"), adopting uniform building codes pursuant to Title 31, Article 16, Part 2, C.R.S.; and

**WHEREAS,** pursuant to Title 31, Article 16, Part 2, C.R.S., the Town Board desires to amend Section 6-1-7 of the Code to adopt the International Energy Conservation Code, 2018 Edition, with amendments; and

**WHEREAS,** the Town Board finds, determines and declares that this Ordinance is promulgated under the general police power of the Town, is promulgated for the preservation of public health, welfare, peace, safety and property and is in the best interests of the Town of Eaton.

**NOW, THEREFORE, BE IT ORDAINED BY THE TOWN BOARD OF TRUSTEES OF THE TOWN OF EATON, COLORADO, THAT:**

**Section 1.** Section 6-1-7. Eaton Municipal Code § 6-1-7 is hereby repealed and readopted in full to read as follows:

**Sec 6-1-7. International Energy Conservation Code.**

Pursuant to Title 31, Article 16, Part 2, C.R.S., the International Energy Conservation Code, 2018 Edition, as published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478, Chapters 1 through 5 inclusive ("IECC"), is hereby adopted by reference as the Town of Eaton Energy Conservation Code to have the same force and effect as if fully set forth herein. The International Energy Conservation Code, 2018 Edition, adopted herein is hereby modified by the following additions, deletions, insertions and changes as follows:

(1) IECC Section C101.1 (Title) is amended by the addition of the term "Town of Eaton" where indicated.

(2) IECC Section 109.1 (General) is amended by the deletion of the last three sentences and replacement with the following:

"The members of the Board of Appeals shall be comprised of the members of the Town Board."

(3) IECC Section 109.3 (Qualifications) is amended by the deletion of this section in its entirety.

(4) IECC Section C402.1.1 (Low energy buildings) is amended by the addition of Exception No. 4 to read as follows:

"Commercial structures that lack one or more of the basic amenities or utilities required for year-round occupancy or use such as a permanent heating system, insulation, and/or year-round usable plumbing."

(5) IECC Section R402.4.1.2 (Testing) is amended by the deletion of the first sentence and replacement with the following:

"The *building* or dwelling unit shall be tested and verified as having an air leakage rate not exceeding seven air changes per hour in *Climate Zones* 1 and 2, and five air changes per hour in *Climate Zones* 3 through 8."

**Section 2.** Subsections 6-1-1(4) and (19) and Subsections 6-1-2(15) and (25). The references to the 2012 International Energy Conservation Code set forth in Subsections 6-1-1(4) and (19) and Subsections 6-1-2(15) and (25) of the Eaton Municipal Code shall be amended to reflect the 2018 International Energy Conservation Code.

**Section 3.** Severability. If any part or provision of this Ordinance, or its application to any person or circumstance, is adjudged to be invalid or unenforceable, the invalidity or unenforceability of such part, provision, or application shall not affect any of the remaining parts, provisions or applications of this Ordinance that can be given effect without the invalid provision, part or application, and to this end the provisions and parts of this Ordinance are declared to be severable.

**Section 4.** Code revisions. Minor changes such as the format and other changes to unify the revised Code may be necessary. The Town Clerk is hereby authorized to make such changes, provided that neither the intent nor substantive content will be altered by such changes.

**Section 5.** Effective Date. This Ordinance shall be effective thirty (30) days after its publication. The Town Clerk shall certify the date of publication and such certification shall be maintained with the original of this Ordinance. The Town Clerk shall make not less than three copies of the adopted Town Code available for inspection by the public during regular business hours.

**INTRODUCED, AND APPROVED** on first reading by the Board of Trustees of the Town of Eaton, Colorado, this 15th day of June, 2023.

**TOWN OF EATON, COLORADO**

**ATTEST:**

By:_____ By:_____

Margaret Jane Winter, Town Clerk Scott E. Moser, Mayor

**PASSED UPON FINAL APPROVAL AND ADOPTED** on second reading by the Board of Trustees of the Town of Eaton, Colorado, this 20th day of July, 2023.

**TOWN OF EATON, COLORADO**

**ATTEST:**

By:_____ By:_____

Margaret Jane Winter, Town Clerk Scott E. Moser, Mayor

# Administrator's Report
# Board of Trustees Meeting
# June 2023

## Administration:

- **ALLO Fiber Network –** In response to the agreement with ALLO on revised SOP's and permit application, the Town now receives a weekly update of planned activity and outstanding complaint resolution. Please see below a partial sample of this past weeks' notice:

List of Contractors for construction:

| Crew Name | Location or intersection | Type of work |
|---|---|---|
| **Directional Trace** | Directional will be working on fixes and restoration in PON 1,2,3 and continuing in PON 5 with 1 drill. We will also be calling in locates to do some of the RFI changes in PON 3 as well. Calling in locates to verify location of clay pipe in alley. | Underground Construction |
| | | |
| | | |

Complaint Resolution Tracker:
2 – Not Started
2 - In Progress
3 - Hold Pending Restoration(Waiting on something to finish, Residents aware)
63-Resolved
***Oldest current ticket is from 5/22. This is the damage to the trail by the school. Plan in place to restore when doing project in Greeley. Second oldest ticket is from 6/1.

QR Code for the ALLO website and what to expect:

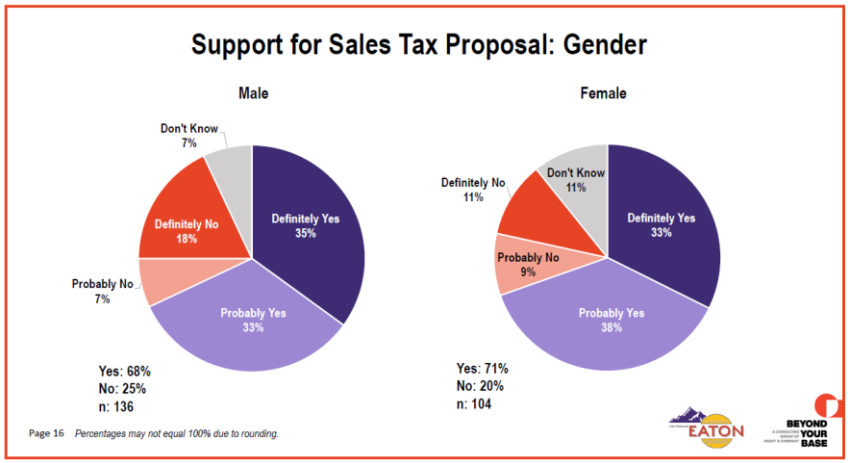
**Finance & Budget:**

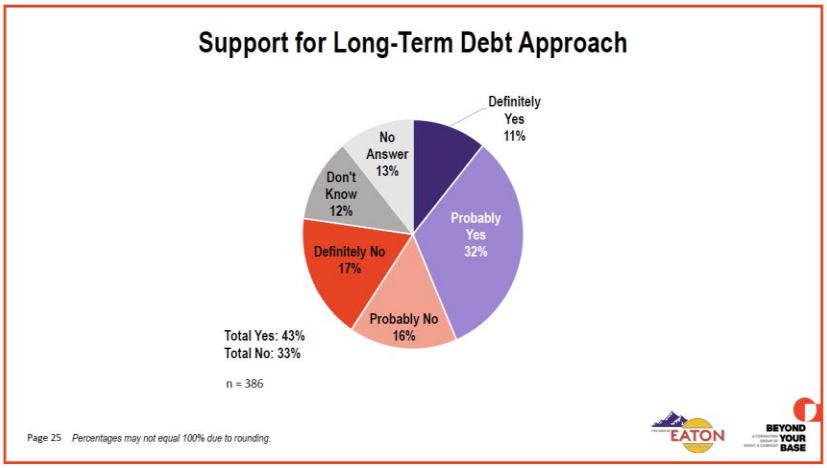
- **Sales Tax Revenue Collection –** Please see the attached spreadsheet. The Town's sales tax revenues were up again significantly for the month year over year actual receipts and that has the Town at an 8% YTD increase.

  As you recall, the Town's adopted 2023 budget was a 3% increase on anticipated year-end estimates which were more conservative than our final 2023 collections. As a result, we are up even more than the current **8%** for our 2023 budget.

| EATON SALES TAX REVENUE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MONTH | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| JANUARY | $ 117,383 | $ 115,508 | $ 148,478 | $ 247,302 | $ 264,114 | $ 325,462 | $ 310,368 | -4.64% |
| FEBRUARY | $ 125,168 | $ 133,449 | $ 155,032 | $ 263,335 | $ 204,045 | $ 255,289 | $ 268,430 | 5.15% |
| MARCH | $ 108,650 | $ 116,585 | $ 132,633 | $ 201,606 | $ 218,997 | $ 269,309 | $ 269,037 | -0.10% |
| APRIL | $ 119,001 | $ 131,067 | $ 205,063 | $ 265,572 | $ 309,747 | $ 287,382 | $ 343,950 | 19.68% |
| MAY | $ 121,707 | $ 131,726 | $ 241,561 | $ 286,634 | $ 268,755 | $ 262,003 | $ 322,989 | 23.28% |
| JUNE | $ 122,883 | $ 131,016 | $ 270,446 | $ 250,556 | $ 278,204 | $ 287,739 | | |
| JULY | $ 135,483 | $ 160,449 | $ 254,460 | $ 218,448 | $ 332,329 | $ 306,415 | | |
| AUGUST | $ 137,205 | $ 128,922 | $ 258,373 | $ 198,349 | $ 283,600 | $ 364,272 | | |
| SEPTEMBER | $ 134,308 | $ 161,560 | $ 212,889 | $ 194,457 | $ 286,652 | $ 393,407 | | |
| OCTOBER | $ 122,284 | $ 150,232 | $ 245,980 | $ 235,241 | $ 293,425 | $ 380,582 | | |
| NOVEMBER | $ 135,816 | $ 137,568 | $ 198,571 | $ 227,873 | $ 271,386 | $ 324,619 | | |
| DECEMBER | $ 117,311 | $ 136,501 | $ 213,118 | $ 233,058 | $ 281,838 | $ 345,475 | | |
| TOTALS | $1,497,199 | $1,634,583 | $2,536,604 | $2,822,432 | $3,293,091 | $3,801,953 | $1,514,775 | |
| | | $ 137,384 | $ 902,021 | $ 285,828 | $ 470,659 | $ 508,862 | $ 115,330 | |
| YTD Increase | | 9% | 55% | 11% | 17% | 15% | 8% | |

- **Proposed Street Sales Tax Initiative – The Citizen Task Force** met on June 8th to review the community survey results and to formulate a recommendation to the Board of Trustees. This information will come back to you at the July meeting for your consideration. **More information is attached to this report.**






## Water Usage Appendix

| | | |
|---|---|---|
| **Owned Water:** | | |
| Variable | 1005.00 | AF |
| | | AF |
| | | AF |
| | **1005.00** | AF |
| | 1005.00 | AF |
| **CBT Quota (NCWCD) November** | 40% | |
| **Quota 40%** | **402.00** | **AF** |
| | 1005.00 | AF |
| **CBT Quota (NCWCD) April** | 30% | |
| **Quota Increased by 30%** | **301.50** | AF |
| **Transferred Water:** | | |
| **Carryover** | 201.00 | AF |
| **NPIC** | 0.00 | AF |
| | | AF |
| | | AF |
| | 201.00 | AF |
| **Owned Water** | 703.50 | AF |
| **Transferred Water** | 201.00 | AF |
| **TOTAL WATER** | **904.50** | AF |

**Usage 2022-2023**

| | Usage Kgal | AF | Shrinkage AF | AF + Shrinkage |
|---|---|---|---|---|
| **November** | 15206.00 | 46.67 | 4.67 | 51.33 |
| **December** | 15966.00 | 49.00 | 4.90 | 53.90 |
| **January** | 16912.00 | 51.90 | 5.19 | 57.09 |
| **February** | 13418.00 | 41.18 | 4.12 | 45.30 |
| **March** | 15482.00 | 47.51 | 4.75 | 52.26 |
| **April** | 15268.00 | 46.86 | 4.69 | 51.54 |
| **May** | 19796.00 | 60.75 | 6.08 | 66.83 |
| **June** | | 0.00 | 0.00 | 0.00 |
| **July** | | 0.00 | 0.00 | 0.00 |
| **August** | | 0.00 | 0.00 | 0.00 |
| **September** | | 0.00 | 0.00 | 0.00 |
| **October** | | 0.00 | 0.00 | 0.00 |
| **Total Usage in Kgal** | 112048.00 | 343.86 | 34.39 | 378.25 |
| **10% Shrinkage in Kgal** | 11204.80 | | | |
| **Total Usage + Shrinkage in Kgal** | **123252.80** | | | |

| | | | | |
|---|---|---|---|---|
| **Total Water** | 294731.33 | KGal | **Total Water** | 904.50 |
| **Less Usage & Shrinkage** | 123252.80 | KGal | **Less Usage & Shrinkage** | -378.25 |
| **Remaining Water** | 171478.53 | KGal | **Remaining Water** | 526.25 |

# Citizen Task Force – Meeting #2

June 6, 2023

# Welcome!

Scott Moser, Mayor, Town of Eaton

# Tonight's Agenda

- Recap of Public Information Program
- Discuss Feedback at Public Outreach Meetings & What Task Force Members Heard
- Review and Discuss Results of Public Opinion Research
- Develop Recommendations
- Next Steps

# Public Information Program

- Letter & Attachment
- Newsletter
- Landing Page on Town’s Website
- Public Information Meetings
- Mail Survey

# Letter/Attachment

April 10, 2023

Dear Eaton Residents:

**About 59% of the Town of Eaton's roadways are i according to a recent pavement study.** Unfortunate percentage of roadways in Eaton that are currently in increase almost five-fold over the next five years.

**Fortunately, every $1 invested now in preventative rehabilitation and reconstruction costs later.** This is considering placing a 1% sales tax proposal on the

**If Eaton voters approve the proposed sales tax, th following projects:**

- Restoring roadways that are in poor, marginal, maintaining them
- Properly maintaining roadways that are alread excellent condition
- Adding turn lanes and bike lanes along certair widening them

**There are many anticipated benefits of the propos**

- Protecting property values
- Reducing roadway repair costs and extending preventative maintenance
- Decreasing wear and tear on residents' vehicl and pedestrian safety
- Enabling faster response times for first respon

**By funding roadway improvements with a sales ta measure—everyone pays their fair share.** Out-of-to our roadway improvements.

223 1st St, Eaton, CO 80615 (970) 454-3

**No decisions will be made until we hear from you.** Please consider attending an upcoming public information meeting to learn more about the proposal, ask questions, and provide input.

- Tuesday, May 2, Town Board Room, 224 1st St, 6:00-7:00 pm
- Thursday, May 11, Eaton Area Community Center, Maple Room, 1675 3rd St, 6:00-7:00 pm
- Saturday, May 13, Eaton Library, Colorado Room, 132 Maple Ave, Noon-1:00 pm

**In the coming weeks, we will also be mailing to you a community opinion survey.** We greatly appreciate your participation.

You have the final word in how we move forward to protect and preserve some of Eaton's most valuable public assets, our roadways.

Respectfully,

**Eaton Town Board**

Scott Moser, Mayor
Elizabeth Heid, Mayor Pro-Tem
Coby Gentry, Trustee
Karla Winter, Trustee
Glenn Ledall, Trustee
Lee D. Griffith, Trustee
Nina Lewis, Trustee

223 1st St, Eaton, CO 80615 (970) 454-3338 townofeaton.colorado.gov

## Roadway Improvement Proposal

### Preventative Maintenance is the Key to Reducing Costs

- The current value of the Town of Eaton's 32 miles of roadway is estimated to be more than $69.5 million.
- The Eaton Town Board is considering placing a 1% sales tax on the November 2023 ballot to protect and improve the Town's roadways.
- The sales tax would be used to:
  - > Restore roadways that are in poor, marginal, or fair condition, and then maintain them
  - > Properly maintain roadways that are already in good, very good, or excellent condition
  - > Add turn lanes and bike lanes along certain roadways, as well as widen them
- Although pavement deterioration begins at a slow rate, it picks up dramatically if preventative maintenance is not provided early and efficiently. This is an important reason why the Town Board seeks to invest more in our community's roadways.
- Every $1 invested now in preventative maintenance saves $4 to $10 in rehabilitation/reconstruction costs later.

### 2022 Pavement Study

According to a recent pavement study, almost 59% of Eaton's roadways are in poor, marginal, or fair condition.

- Even roadways in good to excellent condition, which represent about 41% of the Town's roadways, will benefit. These roadways, like Benjamin Drive between Fall Line Road and Rock Road (pictured above), will continue to be monitored and maintained through various sealing strategies to slow crack growth.
- Roadway improvements would provide many anticipated benefits:
  - > Protecting property values
  - > Reducing roadway repair costs
  - > Extending the useful life of the Town's roadways
  - > Decreasing wear and tear on residents' vehicles
  - > Improving driver and pedestrian safety
  - > Enabling faster response times for first responders

### A Number of Eaton Roadways are in Need of Major Rehabilitation

Following are some of the roadway rehabilitation projects being considered if the proposed sales tax is approved and a portion of the revenues are used to pursue bond financing:

- 10th Street rehabilitation, from Hwy 85 to WCR 39
- First Street rehabilitation, from Park Avenue to Juniper Avenue
- Christensen Avenue (Town portions) rehabilitation, from cemetery to country club
- Cheyenne Avenue rehabilitation, from Collins Street South to Town boundary

Widening of Collins Street, including the addition of turn lanes and bike lanes, is another larger project being considered.

10th Street

townofeaton.colorado.gov/roads

## n's Roadways

### air or Worse Condition

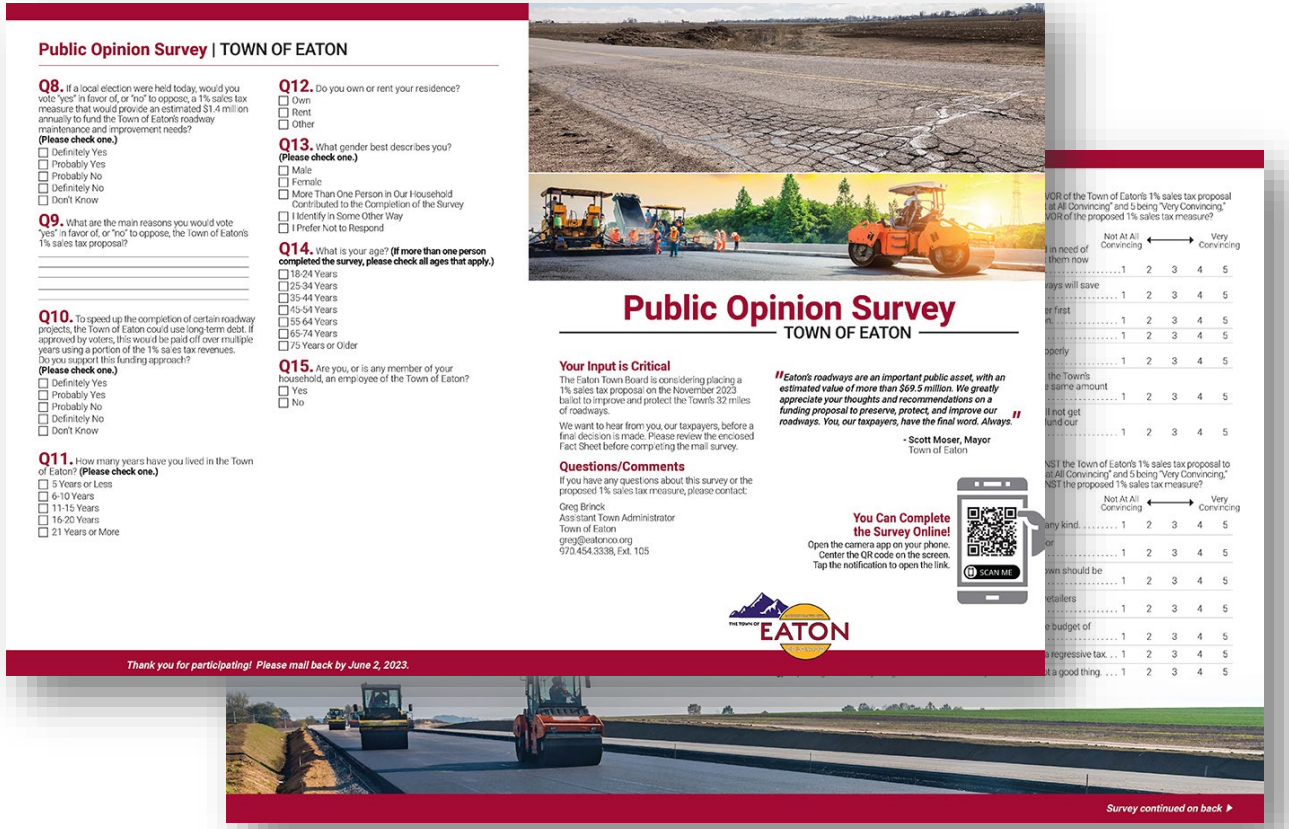
Scan the QR code to see a detailed list of the condition of every roadway segment/block in Eaton, or go to **www.townofeaton.colorado.gov/roads**.

townofeaton.colorado.gov/roads

# Newsletter

THE TOWN OF EATON COLORADO

# Mail Survey



## Public Opinion Survey | TOWN OF EATON

**Q8.** If a local election were held today, would you vote "yes" in favor of, or "no" to oppose, a 1% sales tax measure that would provide an estimated $1.4 million annually to fund the Town of Eaton's roadway maintenance and improvement needs? **(Please check one.)**
- ☐ Definitely Yes
- ☐ Probably Yes
- ☐ Probably No
- ☐ Definitely No
- ☐ Don't Know

**Q9.** What are the main reasons you would vote "yes" in favor of, or "no" to oppose, the Town of Eaton's 1% sales tax proposal?

**Q10.** To speed up the completion of certain roadway projects, the Town of Eaton could use long-term debt. If approved by voters, this would be paid off over multiple years using a portion of the 1% sales tax revenues. Do you support this funding approach? **(Please check one.)**
- ☐ Definitely Yes
- ☐ Probably Yes
- ☐ Probably No
- ☐ Definitely No
- ☐ Don't Know

**Q11.** How many years have you lived in the Town of Eaton? **(Please check one.)**
- ☐ 5 Years or Less
- ☐ 6-10 Years
- ☐ 11-15 Years
- ☐ 16-20 Years
- ☐ 21 Years or More

**Q12.** Do you own or rent your residence?
- ☐ Own
- ☐ Rent
- ☐ Other

**Q13.** What gender best describes you? **(Please check one.)**
- ☐ Male
- ☐ Female
- ☐ More Than One Person in Our Household Contributed to the Completion of the Survey
- ☐ I Identify in Some Other Way
- ☐ I Prefer Not to Respond

**Q14.** What is your age? **(If more than one person completed the survey, please check all ages that apply.)**
- ☐ 18-24 Years
- ☐ 25-34 Years
- ☐ 35-44 Years
- ☐ 45-54 Years
- ☐ 55-64 Years
- ☐ 65-74 Years
- ☐ 75 Years or Older

**Q15.** Are you, or is any member of your household, an employee of the Town of Eaton?
- ☐ Yes
- ☐ No

## Public Opinion Survey
### TOWN OF EATON

**Your Input is Critical**

The Eaton Town Board is considering placing a 1% sales tax proposal on the November 2023 ballot to improve and protect the Town's 32 miles of roadways.

We want to hear from you, our taxpayers, before a final decision is made. Please review the enclosed Fact Sheet before completing the mail survey.

*"Eaton's roadways are an important public asset, with an estimated value of more than $69.5 million. We greatly appreciate your thoughts and recommendations on a funding proposal to preserve, protect, and improve our roadways. You, our taxpayers, have the final word. Always."*

- Scott Moser, Mayor
Town of Eaton

**Questions/Comments**

If you have any questions about this survey or the proposed 1% sales tax measure, please contact:

Greg Brinck
Assistant Town Administrator
Town of Eaton
greg@eatonco.org
970.454.3338, Ext. 105

**You Can Complete the Survey Online!**
Open the camera app on your phone.
Center the QR code on the screen.
Tap the notification to open the link.

SCAN ME

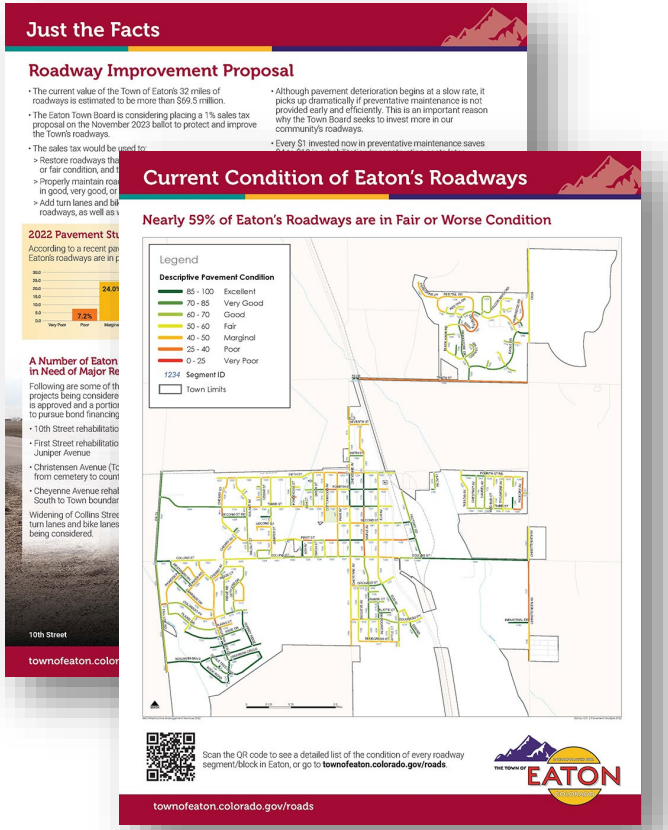
THE TOWN OF EATON COLORADO

*Thank you for participating! Please mail back by June 2, 2023.*

VOR of the Town of Eaton's 1% sales tax proposal
Not At All Convincing ⟷ Very Convincing
VOR of the proposed 1% sales tax measure?
Not At All Convincing ⟷ Very Convincing

| | | | | | |
|---|---|---|---|---|---|
| ...them now | 1 | 2 | 3 | 4 | 5 |
| ...ways will save | 1 | 2 | 3 | 4 | 5 |
| ...r first | 1 | 2 | 3 | 4 | 5 |
| | 1 | 2 | 3 | 4 | 5 |
| ...operly | 1 | 2 | 3 | 4 | 5 |
| ...the Town's ...e same amount | 1 | 2 | 3 | 4 | 5 |
| ...l not get ...fund our | 1 | 2 | 3 | 4 | 5 |
| NST the Town of Eaton's 1% sales tax proposal to ...at All Convincing" and 5 being "Very Convincing," NST the proposed 1% sales tax measure? | | | | | |
| ...any kind. | 1 | 2 | 3 | 4 | 5 |
| ...or | 1 | 2 | 3 | 4 | 5 |
| ...wn should be | 1 | 2 | 3 | 4 | 5 |
| ...etailers | 1 | 2 | 3 | 4 | 5 |
| ...e budget of | 1 | 2 | 3 | 4 | 5 |
| ...s regressive tax. | 1 | 2 | 3 | 4 | 5 |
| ...t a good thing. | 1 | 2 | 3 | 4 | 5 |

*Survey continued on back ▶*



## Just the Facts

### Roadway Improvement Proposal

- The current value of the Town of Eaton's 32 miles of roadways is estimated to be more than $69.5 million.
- The Eaton Town Board is considering placing a 1% sales tax proposal on the November 2023 ballot to protect and improve the Town's roadways.
- The sales tax would be used to:
  - > Restore roadways tha... or fair condition, and b...
  - > Properly maintain roa... in good, very good, or...
  - > Add turn lanes and bi... roadways, as well as ...
- Although pavement deterioration begins at a slow rate, it picks up dramatically if preventative maintenance is not provided early and efficiently. This is an important reason why the Town Board seeks to invest more in our community's roadways.
- Every $1 invested now in preventative maintenance saves

**2022 Pavement Stu...**

According to a recent pa... Eaton's roadways are in p...

24.0% 7.2%
Very Poor | Poor | Marginal

**A Number of Eaton... in Need of Major Re...**

Following are some of th... projects being considere... is approved and a portio... to pursue bond financing...

- 10th Street rehabilitatio...
- First Street rehabilitatio... Juniper Avenue
- Christensen Avenue (To... from cemetery to coun...
- Cheyenne Avenue rehab... South to Town boundar...

Widening of Collins Stree... turn lanes and bike lanes... being considered.

10th Street

townofeaton.colo...

## Current Condition of Eaton's Roadways

### Nearly 59% of Eaton's Roadways are in Fair or Worse Condition

Legend
**Descriptive Pavement Condition**
- 85 - 100 Excellent
- 70 - 85 Very Good
- 60 - 70 Good
- 50 - 60 Fair
- 40 - 50 Marginal
- 25 - 40 Poor
- 0 - 25 Very Poor

*1234* Segment ID
Town Limits

Scan the QR code to see a detailed list of the condition of every roadway segment/block in Eaton, or go to **townofeaton.colorado.gov/roads**.

THE TOWN OF EATON COLORADO

townofeaton.colorado.gov/roads

THE TOWN OF EATON COLORADO
INCORPORATED 1892

# Website Landing Page

Search

Home | Government › | Departments › | Community Resources › | Business Resources › | How Do I..? › | Contact Us | Backflow Program - BPCCC

Home › Government › Streets and Roads

## Streets and Roads

## Streets and Pavement Maintenance

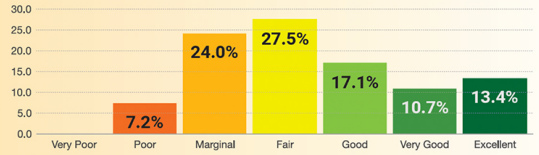
*Last updated April 2023*

The Town of Eaton is taking a strategic approach to improving our road conditions and improving our transportation systems. A modest 1% sales tax could provide funding to repair and reconstruct roads to extend the lifespan of roadways, minimize the cost for the future, and prioritize projects to increase pedestrian safety.

## Eaton's current pavement conditions:

### 2022 Pavement Study

According to a recent pavement study, almost 59% of Eaton's roadways are in poor, marginal, or fair condition.




**About 59% of the Town of Eaton's roadways are in fair, marginal, or poor condition.** Without additional funding, the percentage of roadways in Eaton that are currently in poor condition

# Public Feedback at Public Information Meetings

# What did the Task Force read, see, or hear regarding the sales tax proposal?

# 2023 Mail Survey Results
# Town of Eaton

**JUNE 6, 2023**

BEYOND YOUR BASE
A CONSULTING GROUP OF WIGHT & COMPANY

# Introduction, Purpose & Approach

This report addresses the methodology and findings derived from public opinion research conducted by Beyond Your Base, a consulting firm of Wight & Company, on behalf of the Town of Eaton, Colorado.

A public opinion questionnaire was **mailed on May 10, 2023, to 2,032 households within the Town of Eaton, Colorado**. The mailing list included all registered voter households within the Town, versus a subset of active or likely voter households. **The questionnaire served as an invitation for public reaction to a possible sales tax proposal.**

The mail survey included a total of 15 questions, including one open-ended question.

**The mail questionnaire used for this research is not a scientific poll, but a tool for collecting public input and understanding the general tone of the public's receptiveness to the issue presented.** The overall summaries and conclusions drawn in this report are therefore not presented as predictors of an issue's likely success or failure at the polls. They are only presented to aid the Town with another means for collecting community input and initial reaction to the funding proposal.

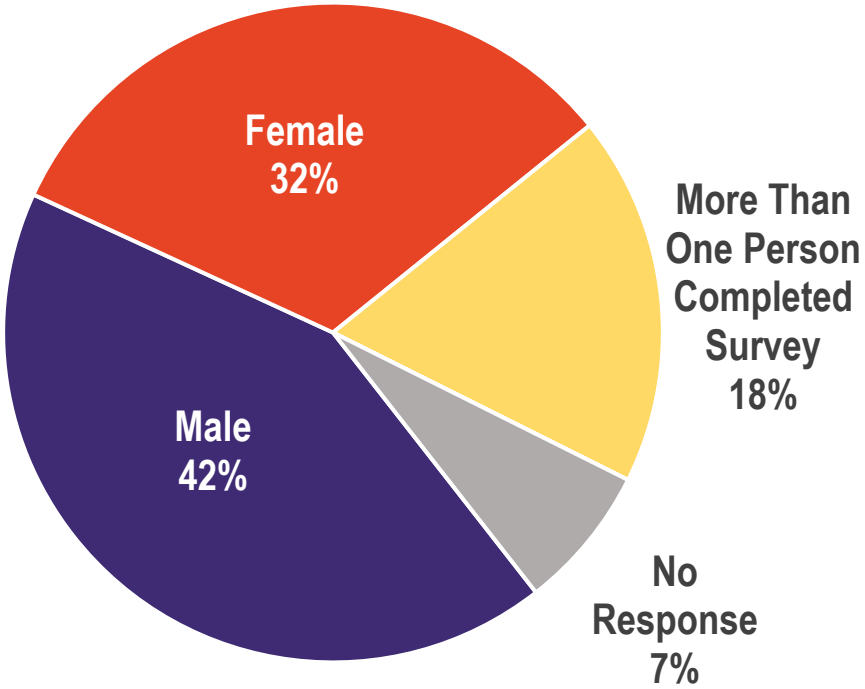
Beyond Your Base acknowledges that this particular questionnaire functions as an opportunity to disseminate information and as an information-gathering tool, and in no way represents a scientific survey, or one that estimates statistical margin of error. **The chief distinction is that this questionnaire was returned in lieu of people attending a public hearing (a non-representative sample of the *registered voter* population) as opposed to the returns representing a *scientific sub-sample* of the registered voter population. The results are subjective and limited in interpretation based on the *volume* of returns, not the *science* of returns. Think of this document as a written collection of comments from people who would have stood up and participated in a public hearing, but instead preferred to express their feelings in writing.**

A total of **323 surveys were returned** and processed as of May 31, 2023. This represents **a response rate of approximately 16%**. Previous mail surveys conducted by Beyond Your Base have typically yielded response rates between 8% and 17%. **An additional 63 surveys were received following preparation of the crosstabs, bringing the response rate up to 19%. The data tied to these additional surveys was included in the results for Question 8 (ballot question) and Question 10 (debt service question). They are also reflected in the age breakdown.**

# Summary of Approach

- Survey mailed to 2,032 households within the Town of Eaton, Colorado.
- A total of 15 questions.
- Expected 8%-17% response rate.
- 323 replied prior to preparation of the crosstabs, representing a response rate of approximately 16%.
- An additional 63 surveys were received after the crosstabs were prepared, bringing the response rate to 19%. The data tied to the additional surveys were included in the results for Questions 8 and 10.
- 89% of respondents had at least one person in their household who was identified as a likely voter.
- The mail survey is not a scientific poll and is not a predictor of a ballot measure's likely success or failure.
- The survey results provide a general undertone of the electorate.

# Gender of Survey Respondents




**November 2023 Likely Voters:**
Male: 50%
Female: 50%

 *Percentages may not equal 100% due to rounding.*

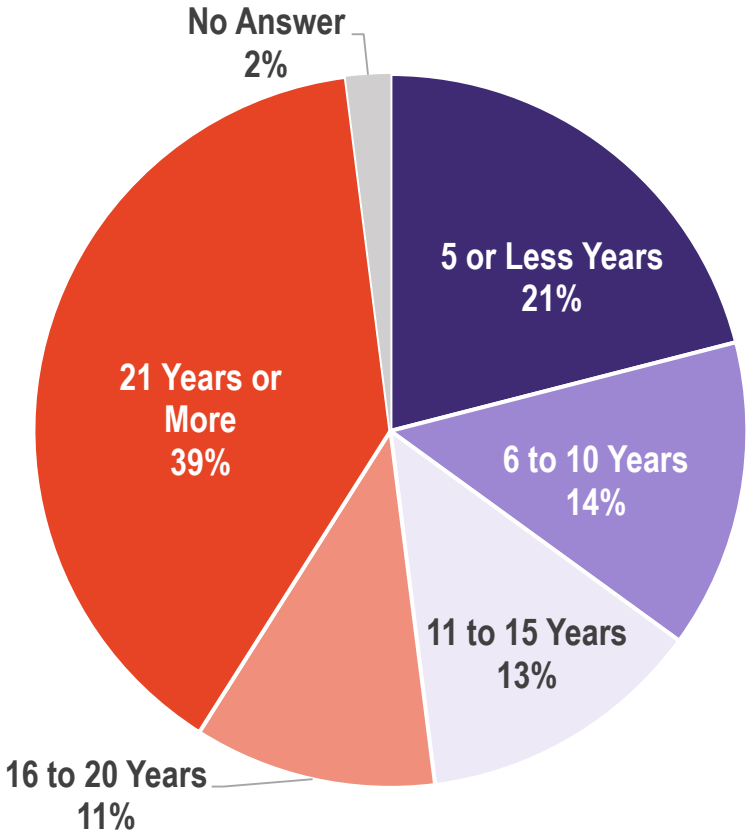
# Age of Survey Respondents

| Age | Likely Voters (Nov 2023) | Survey Respondents |
|---|---|---|
| 18-34 | 12% | 6% |
| 35-44 | 18% | 9% |
| 45-54 | 14% | 8% |
| 55-64 | 16% | 17% |
| 65-74 | 21% | 31% |
| 75+ | 19% | 26% |
| No Response | - | 3% |

*Percentages may not equal 100% due to rounding.*

# Duration of Residency

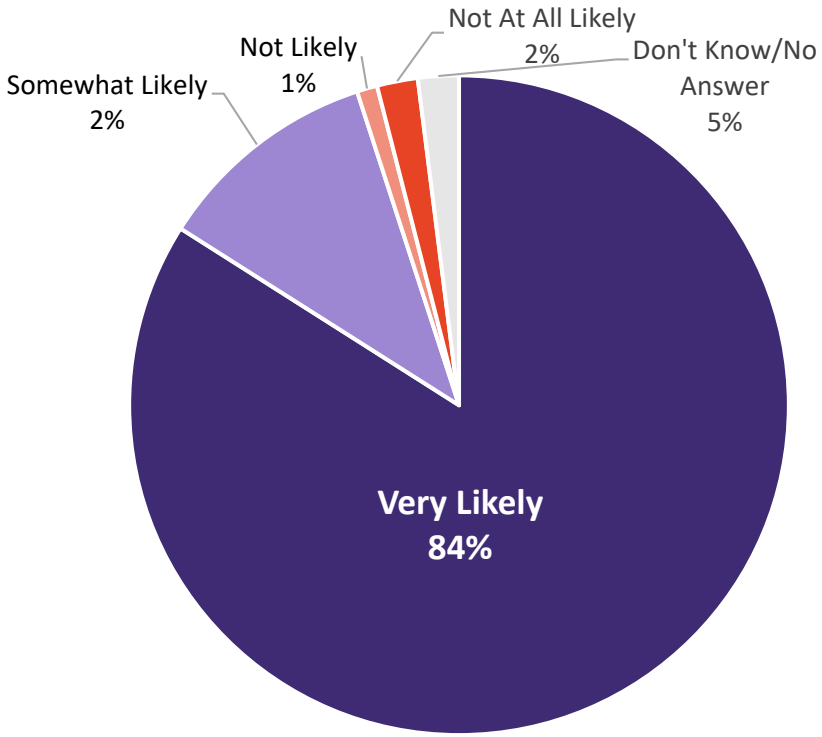
How many years have you lived in the Town of Eaton?

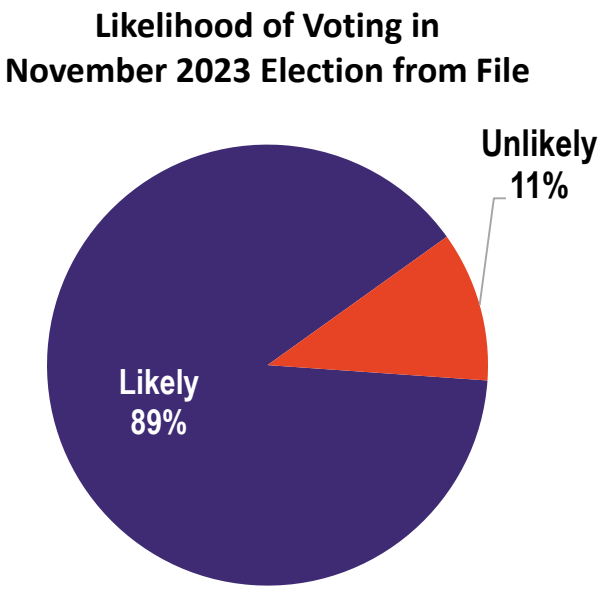



*Percentages may not equal 100% due to rounding.*

# Likelihood of Participation in November 2023 Election

How likely are you to vote in the November 7, 2023 Coordinated Election?



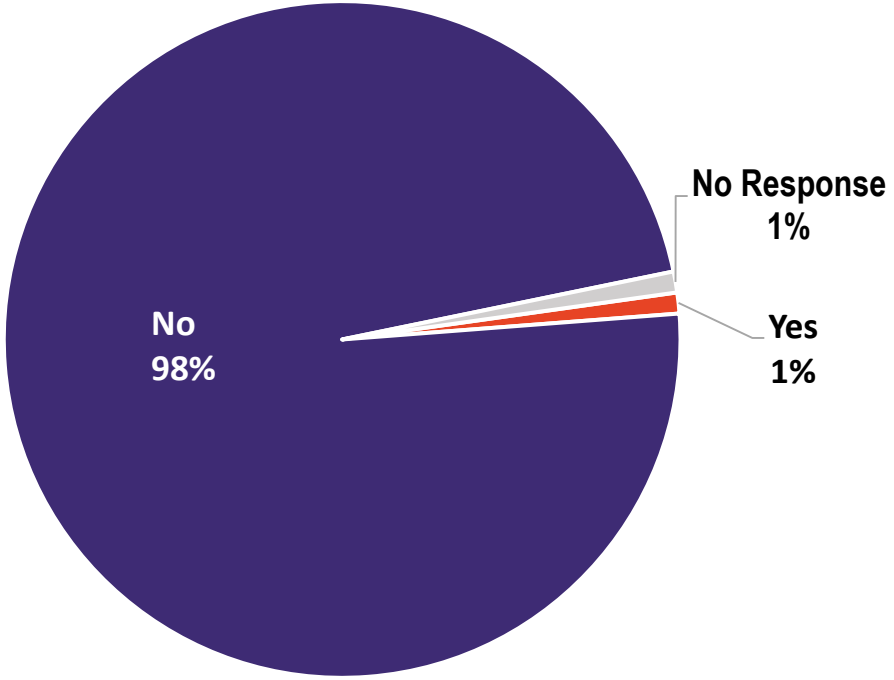






*Percentages may not equal 100% due to rounding.*

# Town of Eaton Employee

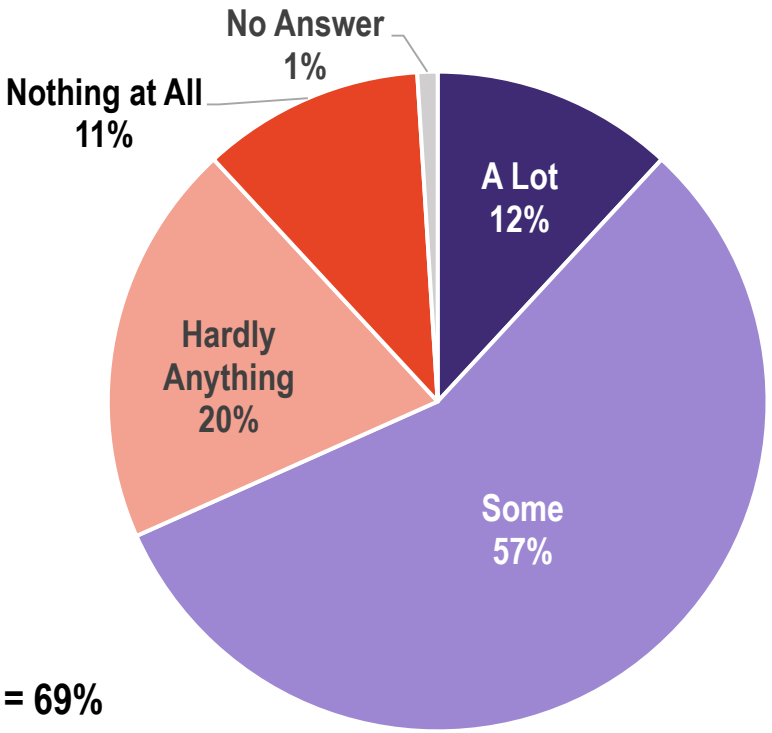
Are you, or is any member of your family, an employee of the Town of Eaton?




*Percentages may not equal 100% due to rounding.*

# Level of Awareness of Sales Tax Proposal

Before receiving the enclosed information, how much had you read, seen, or heard about the Town of Eaton's 1% sales tax proposal to fund roadway improvements?

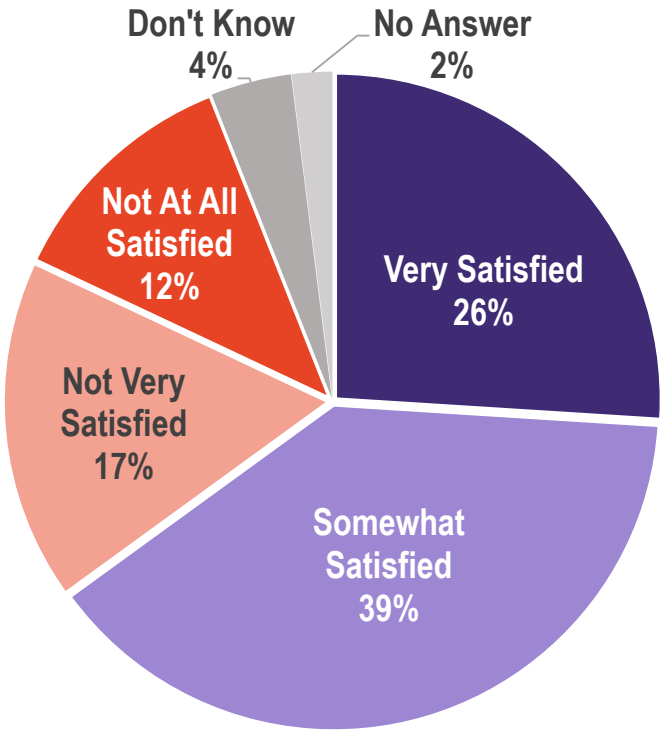



**A Lot + Some = 69%**

*Percentages may not equal 100% due to rounding.*

# Satisfaction Level with Amount of Information Received

How satisfied are you with the amount of information you have received regarding the Town of Eaton's proposed 1% sales tax proposal?

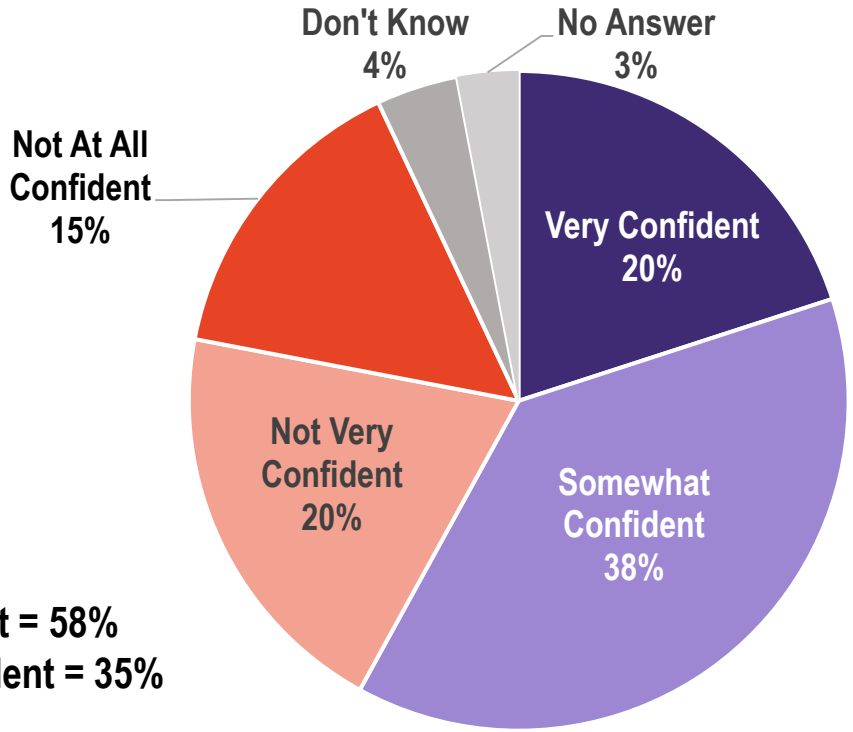



**Very + Somewhat Satisfied = 65%**

*Percentages may not equal 100% due to rounding.*

# Confidence in Handling Taxpayers' Money Wisely

How confident are you that the Town of Eaton would spend funds from a new voter-approved sales tax measure wisely?




**Very + Somewhat Confident = 58%**
**Not at All + Not Very Confident = 35%**

*Percentages may not equal 100% due to rounding.*

# Priority on Parts of Sales Tax Proposal

The 1% sales tax proposal being considered by the Town of Eaton would address a variety of roadway improvements. On a scale of 1 to 5, with 1 being "Low Priority" and 5 being "High Priority," what priority should be given to funding each of the following items? (Please circle one number next to each item.)

| Priority on Funding Parts of Possible Sales Tax Measure | Low Priority (1) | (2) | (3) | (4) | High Priority (5) | (4) + (5) |
|---|---|---|---|---|---|---|
| **Restoring roadways** that are in poor, marginal, or fair condition, and then maintaining them. | 2% | 3% | 7% | 20% | 66% | **86%** |
| **Properly maintaining roadways** that are already in good, very good, or excellent condition to extend their useful life. | 5% | 10% | 23% | 27% | 33% | **60%** |
| **Adding turn lanes and bike lanes along certain roadways**, as well as widening them, to reduce congestion and improve safety. | 23% | 18% | 22% | 17% | 18% | **35%** |

*Percentages may not equal 100% due to rounding and not presenting percentages tied to no answer.*

# Statements in Favor of the Sales Tax Proposal

Following are some of the statements people have made IN FAVOR of the Town of Eaton's 1% sales tax proposal to address roadway improvements. On a scale of 1 to 5, with 1 being "Not at All Convincing" and 5 being "Very Convincing," how would you rate each of these statements as a reason to vote IN FAVOR of the proposed 1% sales tax measure?

| Statements in Favor of the Sales Tax Proposal | Not At All Convincing (1) | (2) | (3) | (4) | Very Convincing (5) |
|---|---|---|---|---|---|
| **By using a sales tax, homeowners and other property owners will not get stuck with 100% of the bill**. Even out-of-town shoppers will help fund our roadway improvements. | 7% | 5% | 11% | 23% | **51%** |
| **A sales tax makes much more sense than a property tax.** In fact, the Town's existing property tax rate would need to be tripled to generate the same amount of revenues as a 1% sales tax. | 9% | 6% | 14% | 24% | **46%** |
| **Almost 59% of Eaton's streets are in marginal to fair condition** and in need of repairs, rehabilitation, and/or reconstruction. It makes sense to fix them now before they get worse. | 8% | 6% | 17% | 31% | **38%** |
| **Deteriorating streets negatively impact our property values.** | 8% | 11% | 21% | 28% | **30%** |

*Percentages may not equal 100% due to rounding and not presenting percentages tied to no answer.*

# Statements in Favor of the Sales Tax Proposal (cont.)

Following are some of the statements people have made IN FAVOR of the Town of Eaton's 1% sales tax proposal to address roadway improvements. On a scale of 1 to 5, with 1 being "Not at All Convincing" and 5 being "Very Convincing," how would you rate each of these statements as a reason to vote IN FAVOR of the proposed 1% sales tax measure?

| Statements in Favor of the Sales Tax Proposal | Not At All Convincing (1) | (2) | (3) | (4) | Very Convincing (5) |
|---|---|---|---|---|---|
| **Driver and pedestrian safety would be improved** by fixing and properly maintaining our roadways. | 9% | 14% | 21% | 26% | **28%** |
| **Every $1 invested now in preventative maintenance of our roadways will save $4 to $10** in rehabilitation and reconstruction costs later. | 10% | 10% | 21% | 32% | **26%** |
| **Emergency response times for firefighters, paramedics, and other first responders can be reduced when roadways are in good condition.** | 17% | 17% | 25% | 19% | **20%** |

*Percentages may not equal 100% due to rounding and not presenting percentages tied to no answer.*

# Statements Against the Sales Tax Proposal

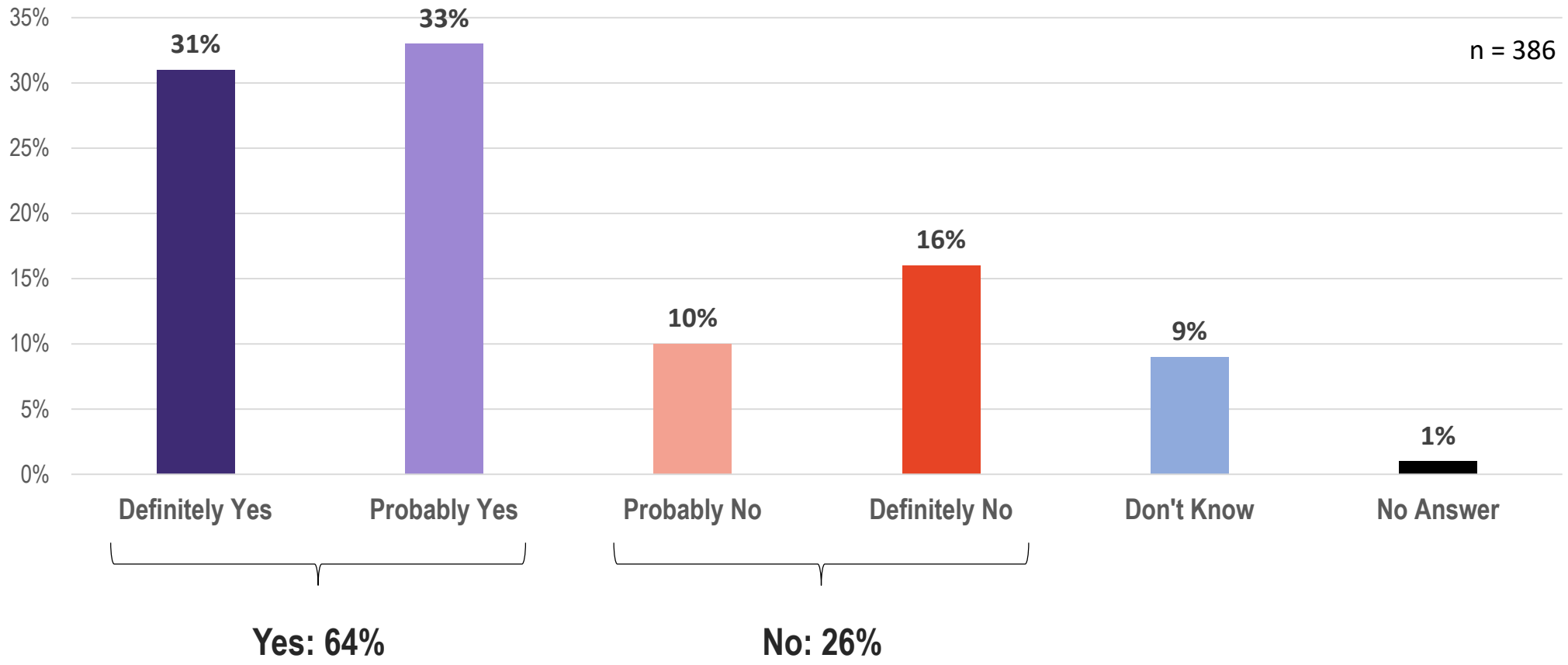
Following are some statements people have made AGAINST the Town of Eaton's 1% sales tax proposal to address roadway improvements. On a scale of 1 to 5, with 1 being "Not At All Convincing" and 5 being "Very Convincing," how would you rate each of these statements as a reason to vote AGAINST the proposed 1% sales tax measure?

| Statements Against the Sales Tax Proposal | Not At All Convincing (1) | (2) | (3) | (4) | Very Convincing (5) |
|---|---|---|---|---|---|
| **The Town should be putting money aside** and budgeting better for roadway improvements. | 8% | 11% | 19% | 24% | **36%** |
| **A sales tax increase raises costs on essential items**, straining the budget of families already burdened with the high cost of goods. | 11% | 20% | 25% | 19% | **22%** |
| **Given the cost of living, now is not a good time to raise taxes of any kind.** | 15% | 19% | 26% | 16% | **22%** |
| **Even lower income residents would be impacted by a sales tax.** It's a regressive tax. | 18% | 21% | 23% | 15% | **20%** |
| **Improving our roadways might result in more development.** That's not a good thing. | 29% | 23% | 18% | 11% | **16%** |
| **Local residents will go to grocery stores, restaurants, and other retailers outside of Eaton** if our sales tax is increased. | 36% | 26% | 15% | 8% | **13%** |
| **It seems like many of Eaton's streets are in decent shape.** The Town should be able to make do with the funds they already receive. | 18% | 26% | 29% | 13% | **12%** |

*Percentages may not equal 100% due to rounding and not presenting percentages tied to no answer.*

# Ballot Question

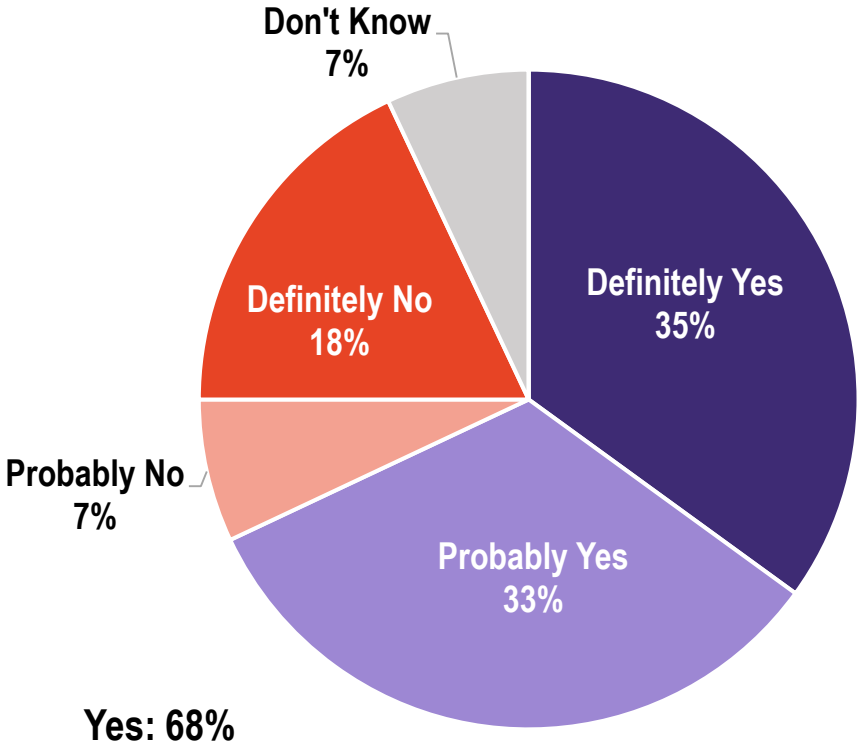
If a local election were held today, would you vote "yes" in favor of, or "no" to oppose, a 1% sales tax measure that would provide an estimated $1.4 million annually, to fund the Town of Eaton's roadway maintenance and improvement needs?




*Percentages may not equal 100% due to rounding.*

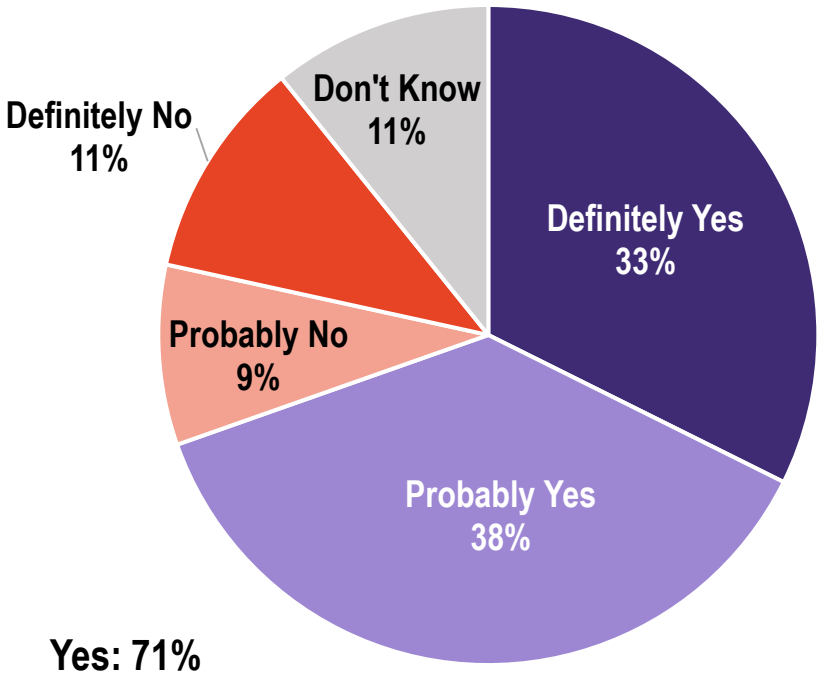
# Support for Sales Tax Proposal: Gender

## Male




Yes: 68%
No: 25%
n: 136

## Female



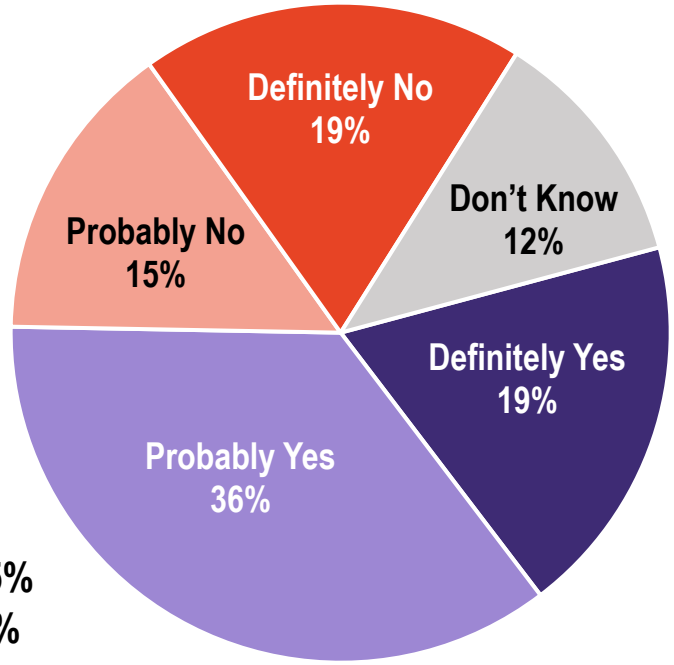

Yes: 71%
No: 20%
n: 104



*Percentages may not equal 100% due to rounding.*

# Support for Sales Tax Proposal: Gender (cont.)

## More Than One Person in Household Responded to Survey

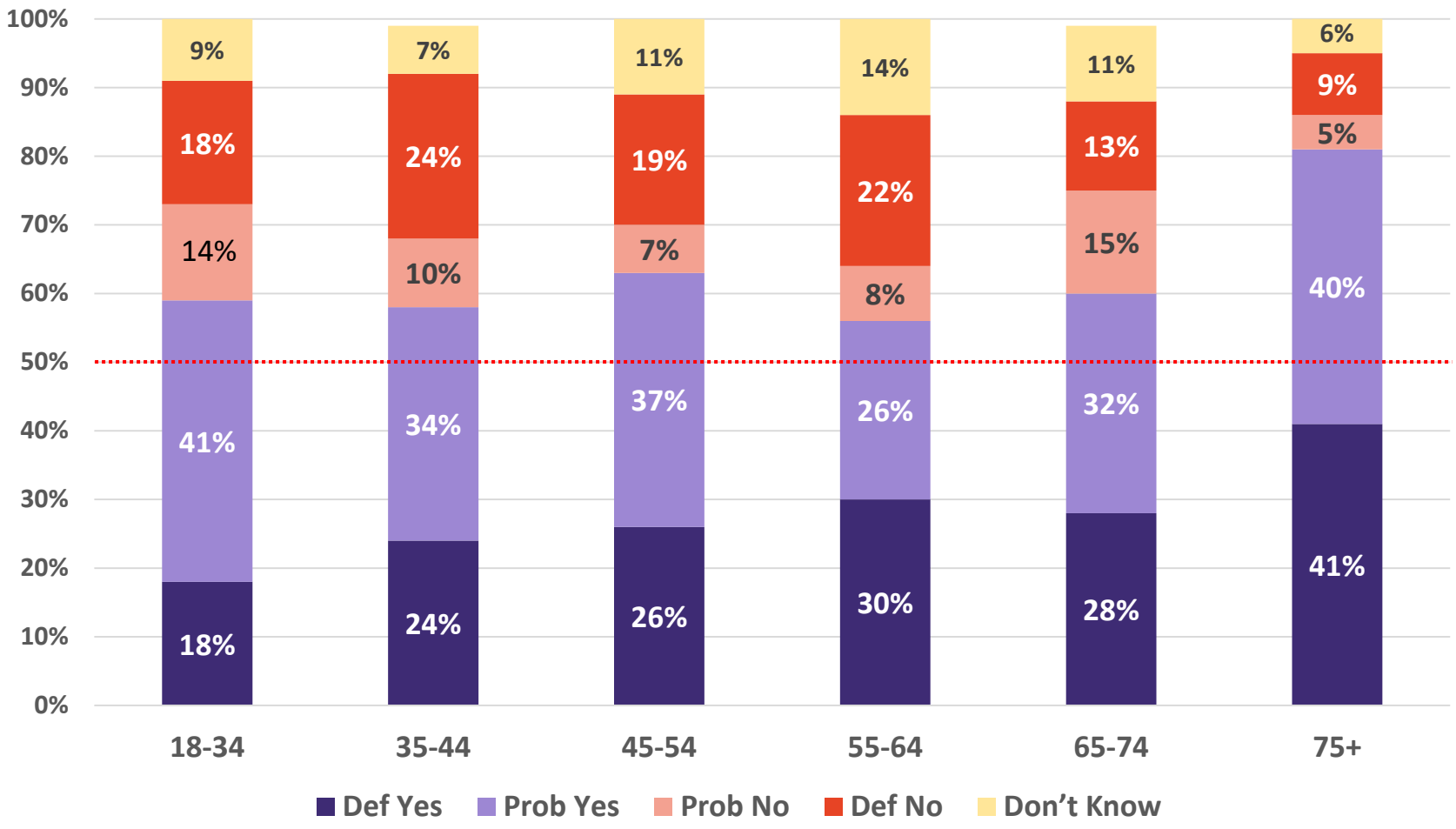



**Yes: 55%**
**No: 34%**
**n: 59**



*Percentages may not equal 100% due to rounding.*

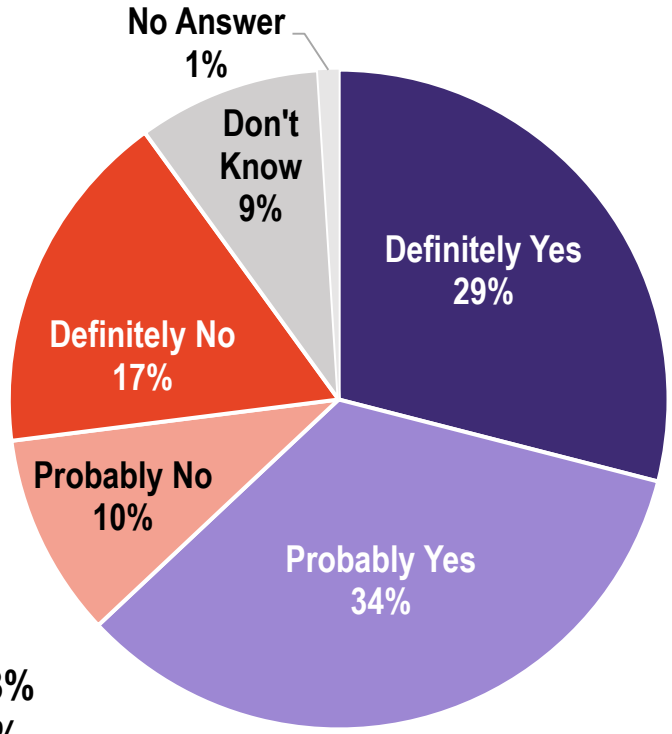
# Support for Sales Tax Proposal: Age




*Percentages may not equal 100% due to rounding.*

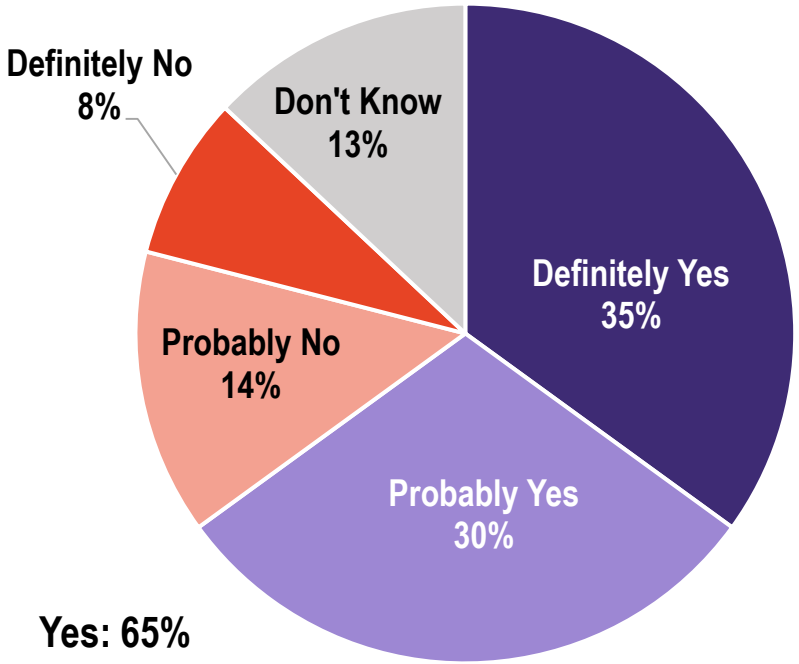
# Support for Sales Tax Proposal: Likely Vs. Unlikely Voter

## Likely (from File)




Yes: 63%
No: 27%
n: 286

## Unlikely (from File)

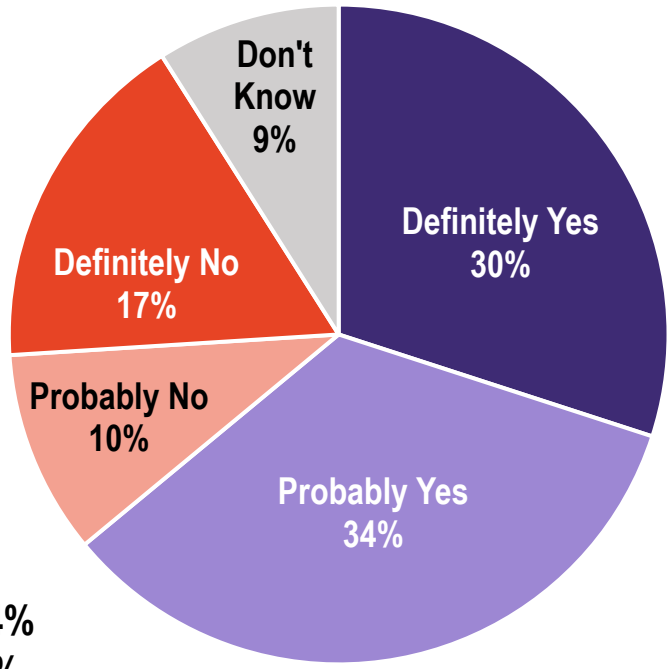



Yes: 65%
No: 22%
n: 37

 *Percentages may not equal 100% due to rounding.*

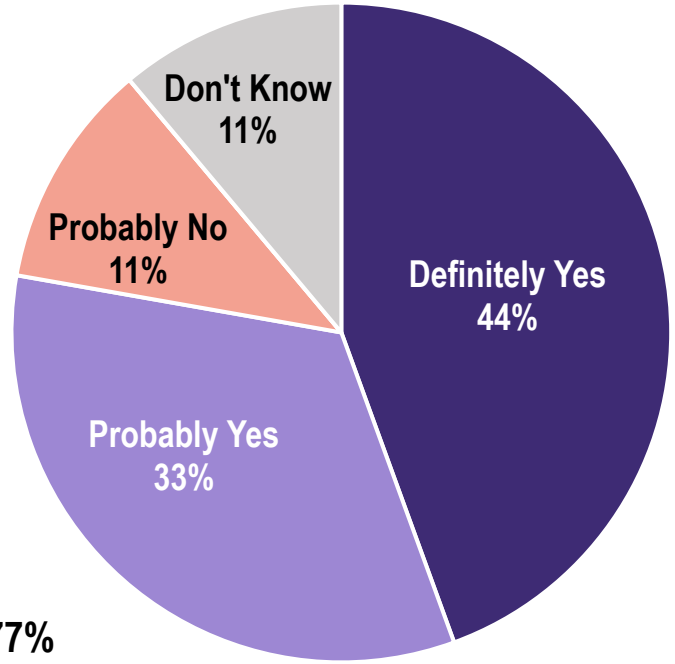
# Support for Sales Tax Proposal: Home Ownership

## Own




Yes: 64%
No: 27%
n: 309

## Rent

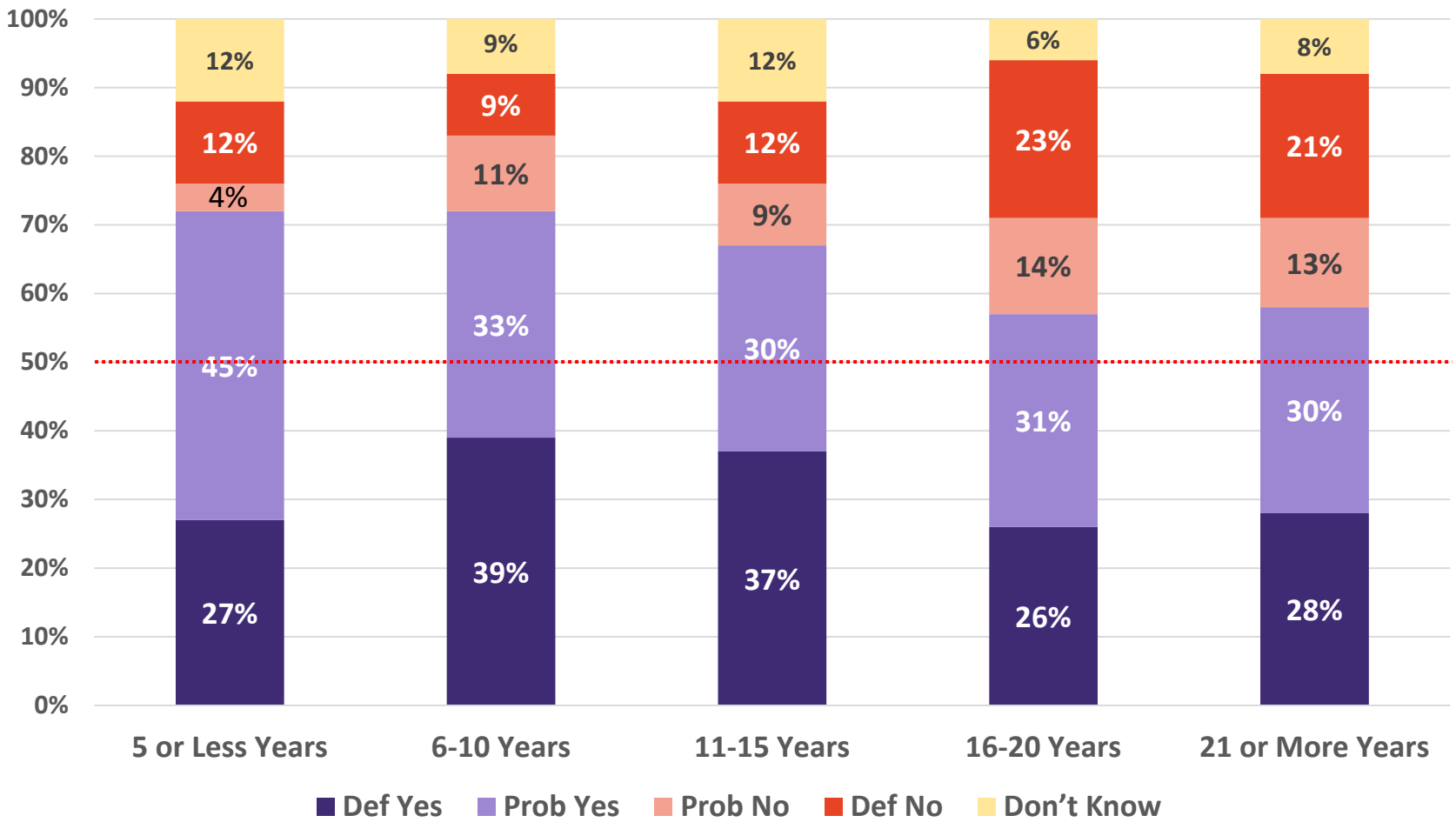



Yes: 77%
No: 11%
n: 9



*Percentages may not equal 100% due to rounding.*

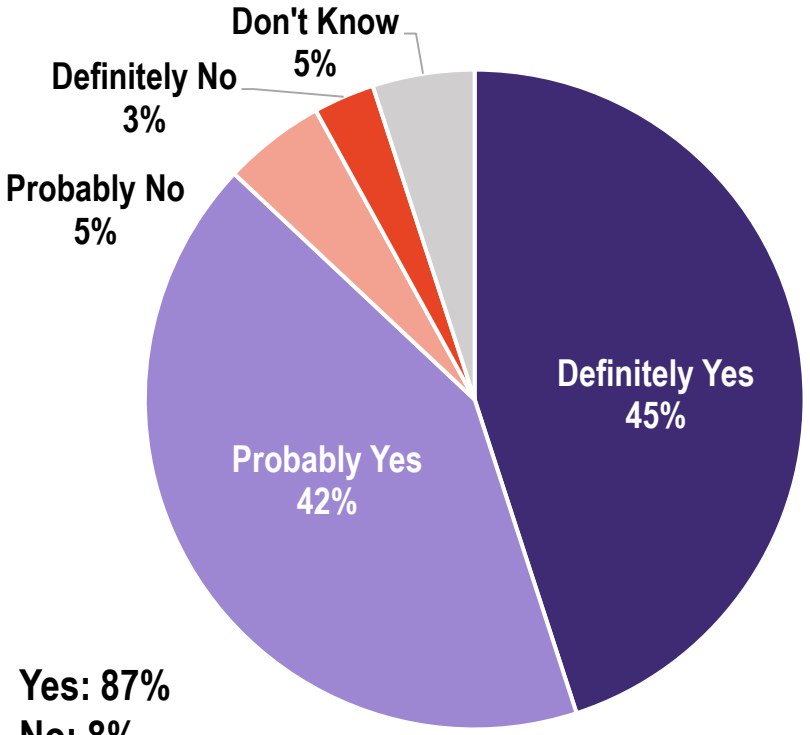
# Support for Sales Tax Proposal: Length of Residency




*Percentages may not equal 100% due to rounding.*

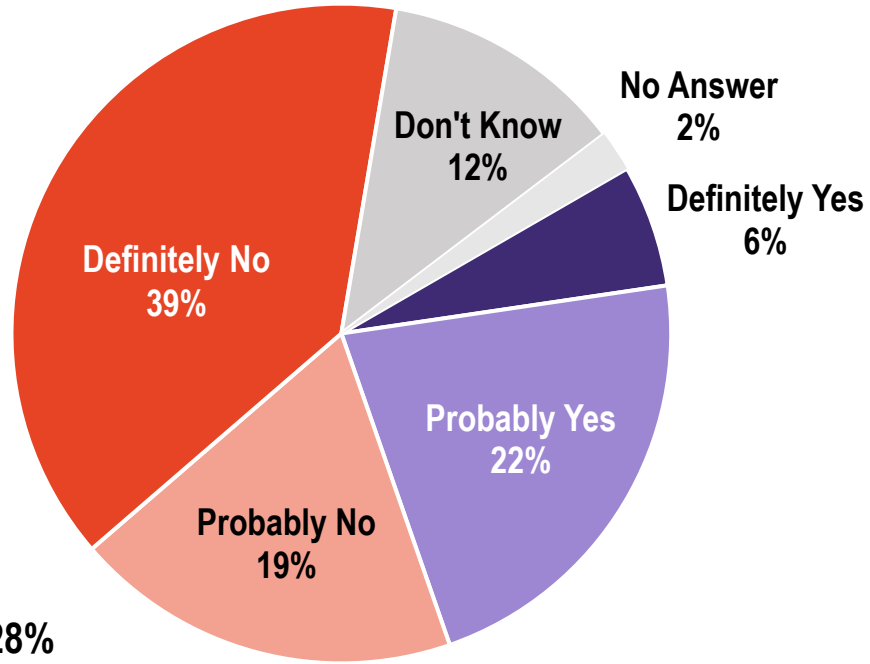
# Support for Sales Tax Proposal: Confidence Level

## Total Confident




Yes: 87%
No: 8%
n: 187

## Total Not Confident




Yes: 28%
No: 58%
n: 114

 *Percentages may not equal 100% due to rounding.*

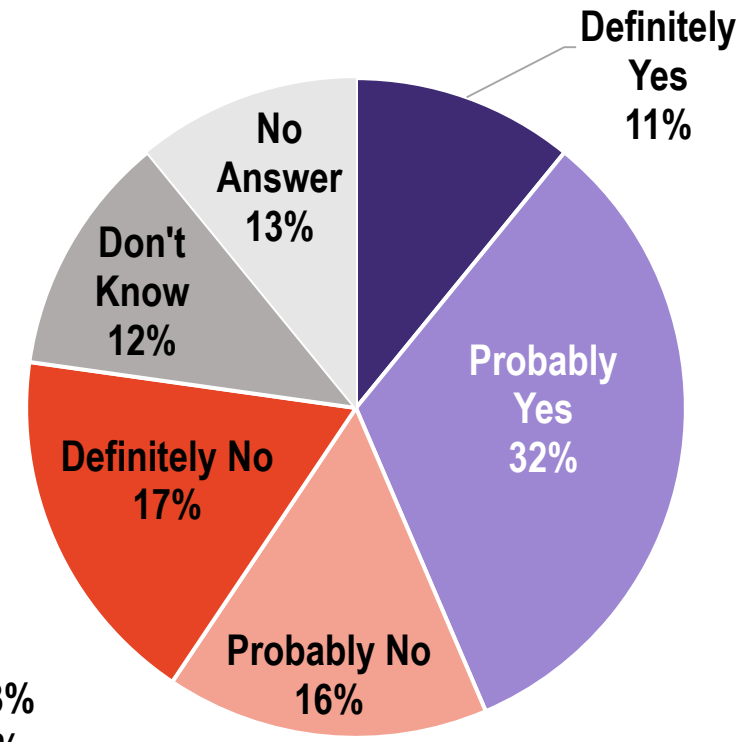
# Verbatims: Reasons Would Vote Yes

- Improvements needed/Better roads
- In favor of sales tax over property tax/Everyone pays
- Value to the community/Protect property values
- Proper maintenance needed
- Safer roads
- Transparency needed
- Decrease wear and tear on vehicles
- Cost more/Roads worse the longer we wait
- Potholes
- Bike lanes
- ADA/Sidewalk improvements

# Verbatims: Reasons Would Vote No

- Distrust/Oversight concerns
- Live within means/Existing budget should be enough
- Taxes/Pocketbook concerns/Fixed income
- Need more information
- Use other funding sources
- Cost of living/Inflation
- Trucks are a problem
- Asking for too much
- Not needed/Roads are not that bad
- Against sales tax/Businesses would suffer
- Use other funding

# Support for Long-Term Debt Approach




**Total Yes: 43%**
**Total No: 33%**

n = 386

 *Percentages may not equal 100% due to rounding.*

# Summary of Results

- Compared to likely voters for the November 2023 Election, voters 18 to 54 were underrepresented and voters 55+ were overrepresented.
- Male voters were slightly overrepresented in the survey compared to likely voters for the November 2023 election.
- There is strong awareness of the District's funding proposal among those participating in the survey, with 69% of respondents having read, seen, or heard a lot or some about the funding proposal, and 65% very satisfied or somewhat satisfied with the amount of information received.
- The priority placed on parts of the funding proposal by the survey respondents clearly fall into three tiers:
  - Tier 1: Restoring roadways that are in poor, marginal, or fair condition.
  - Tier 2: Properly maintaining roadways that are already in good, very good, or excellent condition.
  - Tier 3: Adding turn lanes and bike lanes along certain roadways, as well as widening them to reduce congestion and improve safety.

# Summary of Results (cont.)

- Arguments in favor of the possible sales tax proposal that resonated most with survey participants were tied to:
  - A sales tax makes more sense than a property tax
    - Property owners do not get stuck with 100% of the bill
    - Out-of-town shoppers help fund roadway improvements
    - Property tax would need to be tripled to generate the same amount of revenues
  - Almost 59% of Eaton's streets are in marginal to fair condition.
  - Road improvements protect property values.
- Arguments against the possible sales tax proposal that resonated most with survey participants were tied to:
  - The need for the Town to have been putting aside funds for roadway improvements, versus a new tax.
  - Cost of living concerns.
  - It's a regressive tax.

# Summary of Results (cont.)

- The mail survey indicates support for the proposed referendum in its current form, with a total of 64% in support, 26% against, and 9% undecided. Support intensity is stronger than opposition intensity (31% Definitely Yes vs. 16% Definitely No).

- Following are additional details regarding support levels for the proposed sales tax proposal across demographics:
    - Those confident that the Town will spend tax dollars wisely are much more supportive than who are not confident.
    - Support levels of males and females is similar.
    - Respondents 75 years and older are more supportive than other age groups.
    - Renters are more supportive than those who own their home.
    - Support levels of likely and unlikely voters is similar.
    - Newer residents are slightly more supportive than longtime residents.

- There is limited support for the use of long-term debt to speed up the roadway projects (44% Yes).

# Thoughts? Questions?

# Group Questions to Define Final Recommendations

1. Should the Town of Eaton proceed in placing a sales tax proposal on the November 2023 ballot? If not, why not?

2. If the sales tax proposal is pursued this fall, should the measure include what was tested in the mail survey, including:
   - restoring roadways that are in poor, marginal, or fair condition
   - properly maintaining roadways that are already in good, very good, or excellent condition to extend their useful life
   - Adding turn lanes and bike lanes along certain roadways, as well as widening them to reduce congestion and improve safety?

3. If the Town proceeds in placing a sales tax proposal on the ballot, should it be a 1% increase? If not, what size proposal should be pursued?

4. If a sales tax proposal is pursued, should language be included in the ballot question to allow for the use of long-term debt to speed up certain roadway improvements?

THE TOWN OF EATON COLORADO

# Next Steps

- ✓ *Ongoing communications*
- ✓ *Board meeting – July 20, 2023*
- ✓ *Adoption of ballot question, if pursued – August 2023*

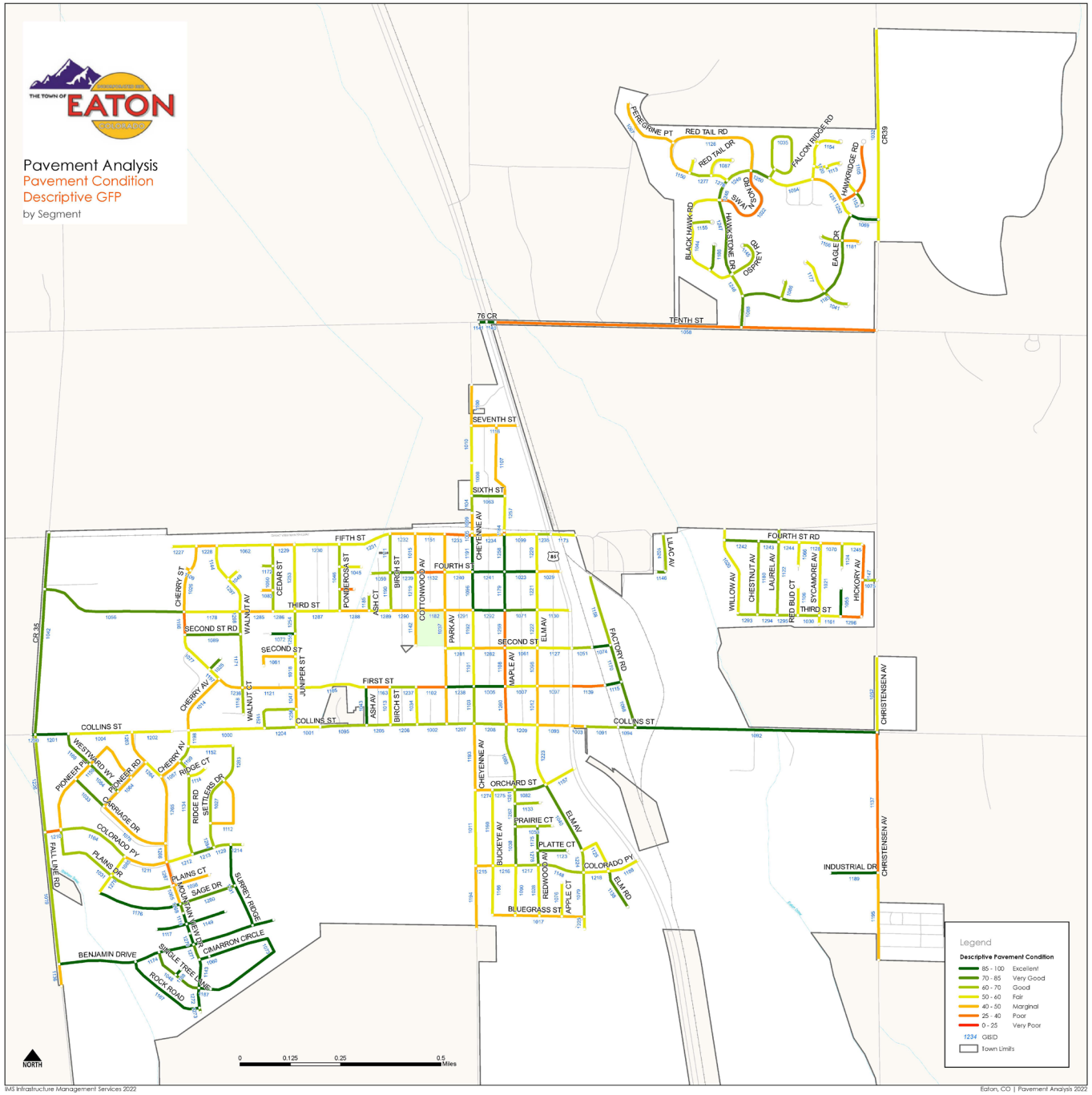
# Thank you!

Scott Moser, Mayor, Town of Eaton

THE TOWN OF EATON
INCORPORATED 1892
COLORADO

# Background Info

# Current Pavement Condition



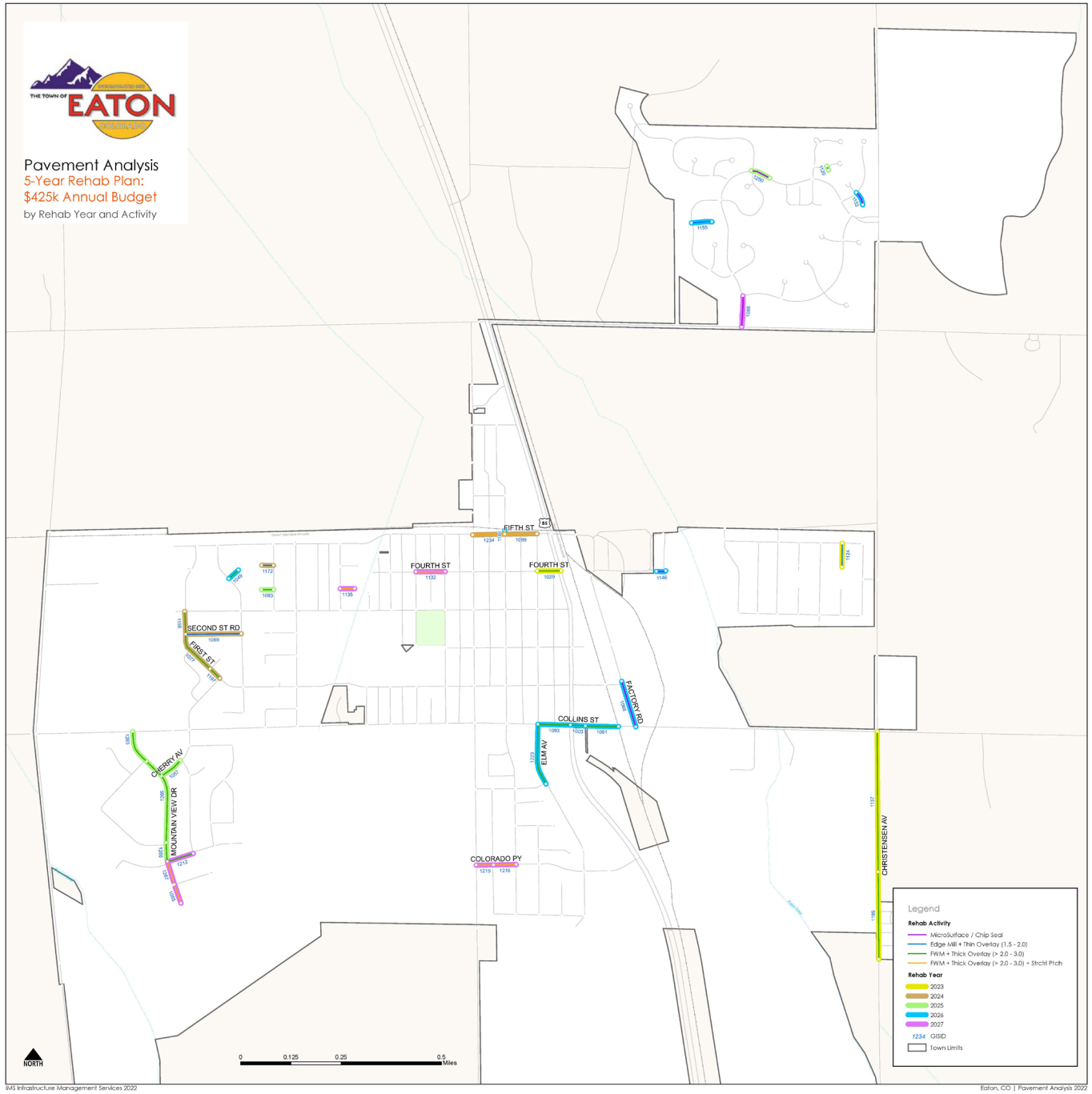

## Legend

**Descriptive Pavement Condition**

| | |
|---|---|
| 85 - 100 | Excellent |
| 70 - 85 | Very Good |
| 60 - 70 | Good |
| 50 - 60 | Fair |
| 40 - 50 | Marginal |
| 25 - 40 | Poor |
| 0 - 25 | Very Poor |
| 1234 | GISID |
| | Town Limits |

THE TOWN OF EATON COLORADO INCORPORATED 1892

# 5-Year Rehab Plan with Existing $425,000 Annual Budget




## Legend

**Rehab Activity**

- MicroSurface / Chip Seal
- Edge Mill + Thin Overlay (1.5 - 2.0)
- FWM + Thick Overlay (> 2.0 - 3.0)
- FWM + Thick Overlay (> 2.0 - 3.0) + Strctrl Ptch

**Rehab Year**

- 2023
- 2024
- 2025
- 2026
- 2027

*1234* GISID

Town Limits

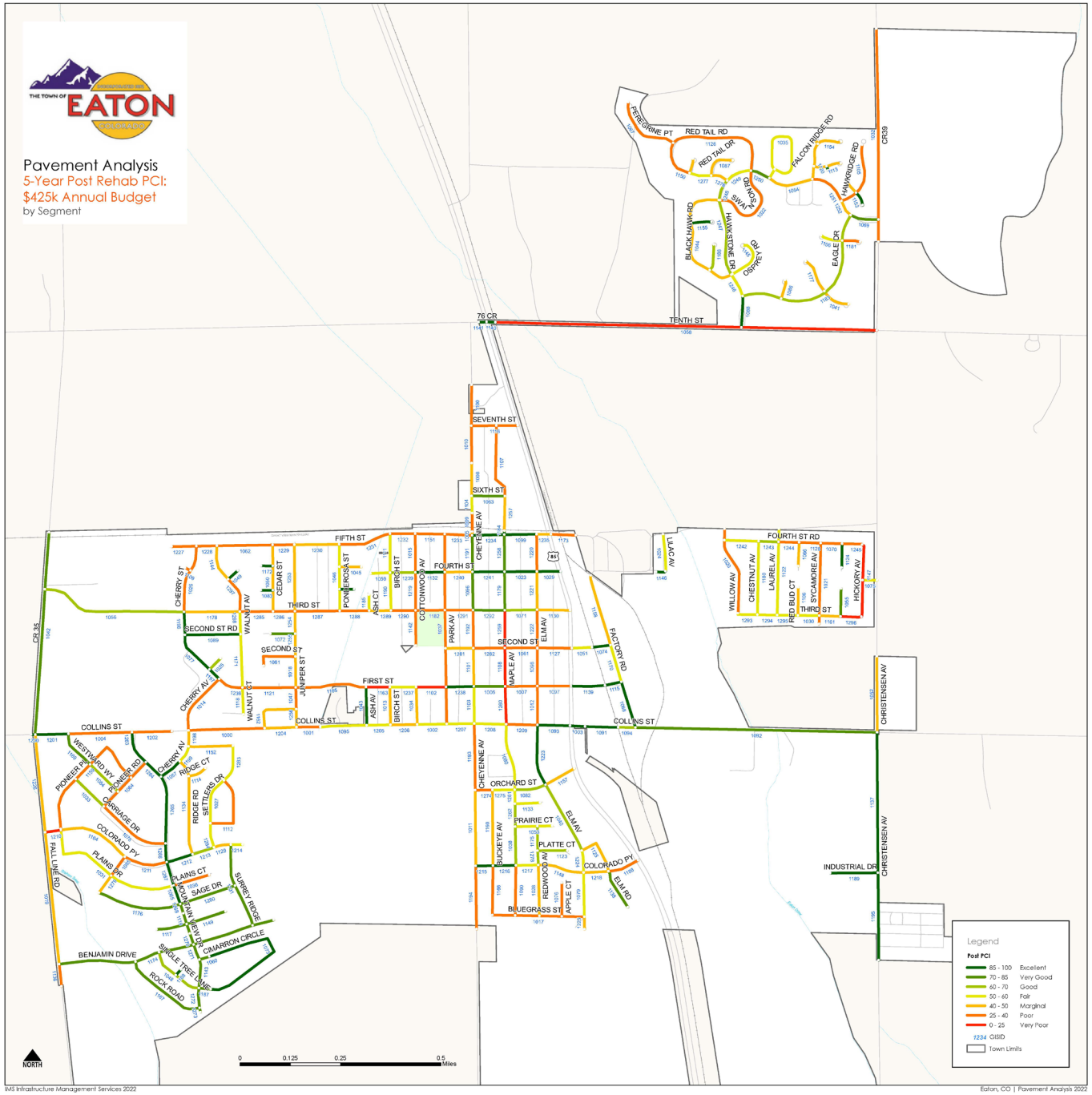
THE TOWN OF EATON COLORADO
INCORPORATED 1892

# 5-Year Rehab Plan with Existing $425,000 Annual Budget

| | | FROM | TO |
|---|---|---|---|
| **2023** | CHRISTIENSEN AVENUE | E COLLINS ST | SOUTH END |
| | DOGWOOD CT. | CDS | E. FOURTH ST |
| | FOURTH ST. | ELM | SH 85 |
| **2024** | FIFTH ST. | CHEYYENNE AVE | ELM AVE |
| | FIRST ST. | THIRD ST | CHERRY AVE |
| | FOURTH ST. | BGN | CEDAR AVE |
| | SECOND ST. | FIRST ST | WALNUT AVE |
| **2025** | CHERRY AVENUE | RIDGE DR | MOUNTAINVIEW DR |
| | FALCON RIDGE CT. | FACLCON RIDGE RD | CDS |
| | HAWKSTONE DR. | RED TAIL RD | PRARIE HAWK DR |
| | MOUNTIAN VIEW DR. | COLLINS ST | COLORADO PARKWAY |
| | THIRD ST. RD. | BGN | CEDAR ST |
| **2026** | ASPEN CT. | WALNUT CT | CDS |
| | BLACKHAWK DR. | BLACKHAWK RD. | CDS |
| | COLLINS ST. | RRX | ELM AVE |
| | ELM AVENUE | COLLINS ST | ORCHARD ST |
| | FACTORY RD. | COLLINS ST | FIRST ST |
| | FOURTH ST. | CL | LILAC AVE |
| | HAWKRIDGE CT. | HAWKRIDGE RD. | CDS |
| **2027** | COLORADO PARKWAY | CHEYEENE AVE. | MAPLE AVE |
| | FOURTH ST. | COTTONWOOD AVE | PARK AVE |
| | HAWKSTONE DR. | TENTH ST. | EAGLE DR |
| | PONDEROSA PL. | PONDEROSA ST | END |

THE TOWN OF EATON COLORADO

# Results after 5 Years if Limited to Existing $425,000 Annual Budget




## Legend

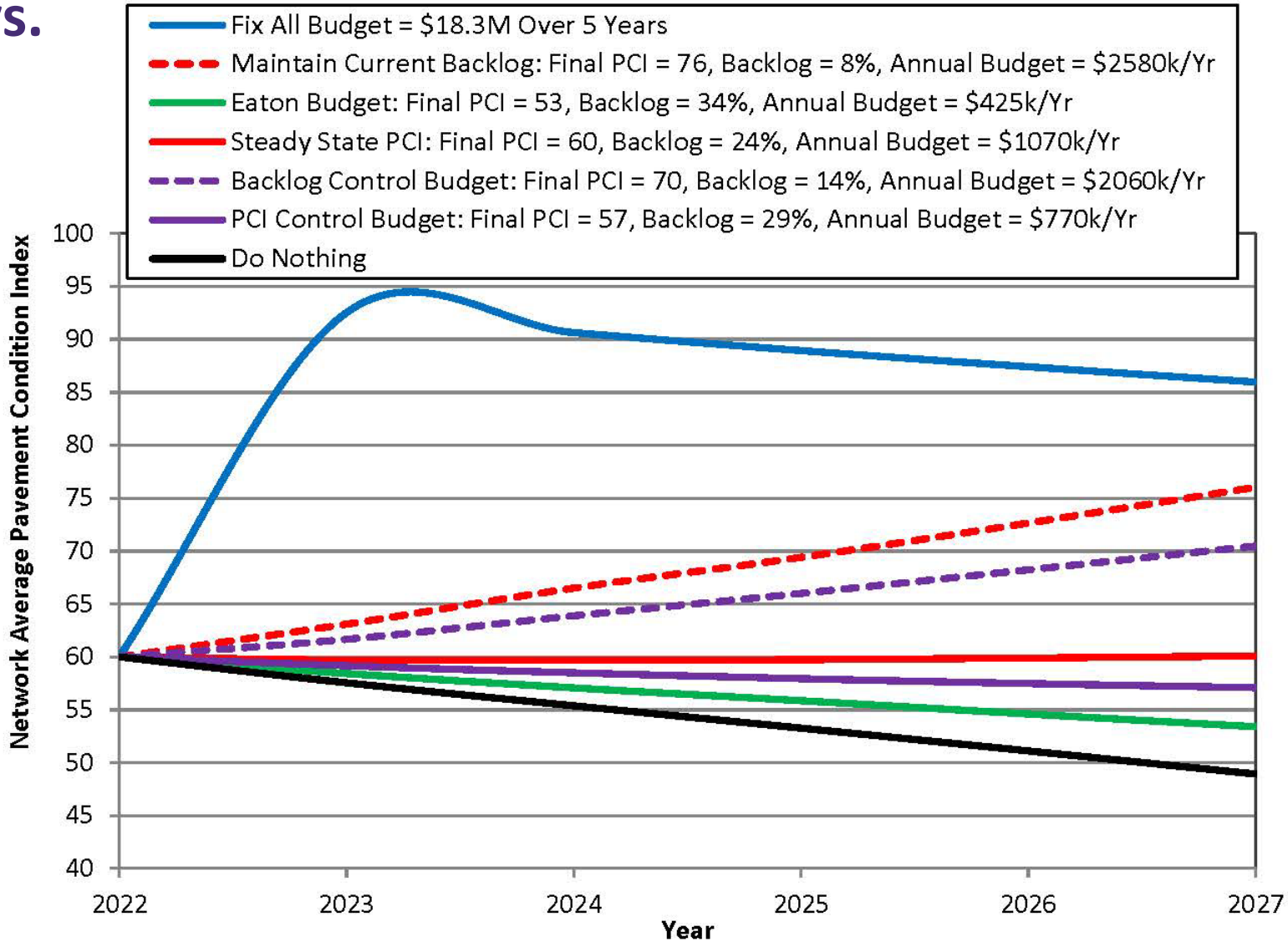
**Descriptive Pavement Condition**

- 85 - 100 Excellent
- 70 - 85 Very Good
- 60 - 70 Good
- 50 - 60 Fair
- 40 - 50 Marginal
- 25 - 40 Poor
- 0 - 25 Very Poor
- 1234 GISID
- Town Limits

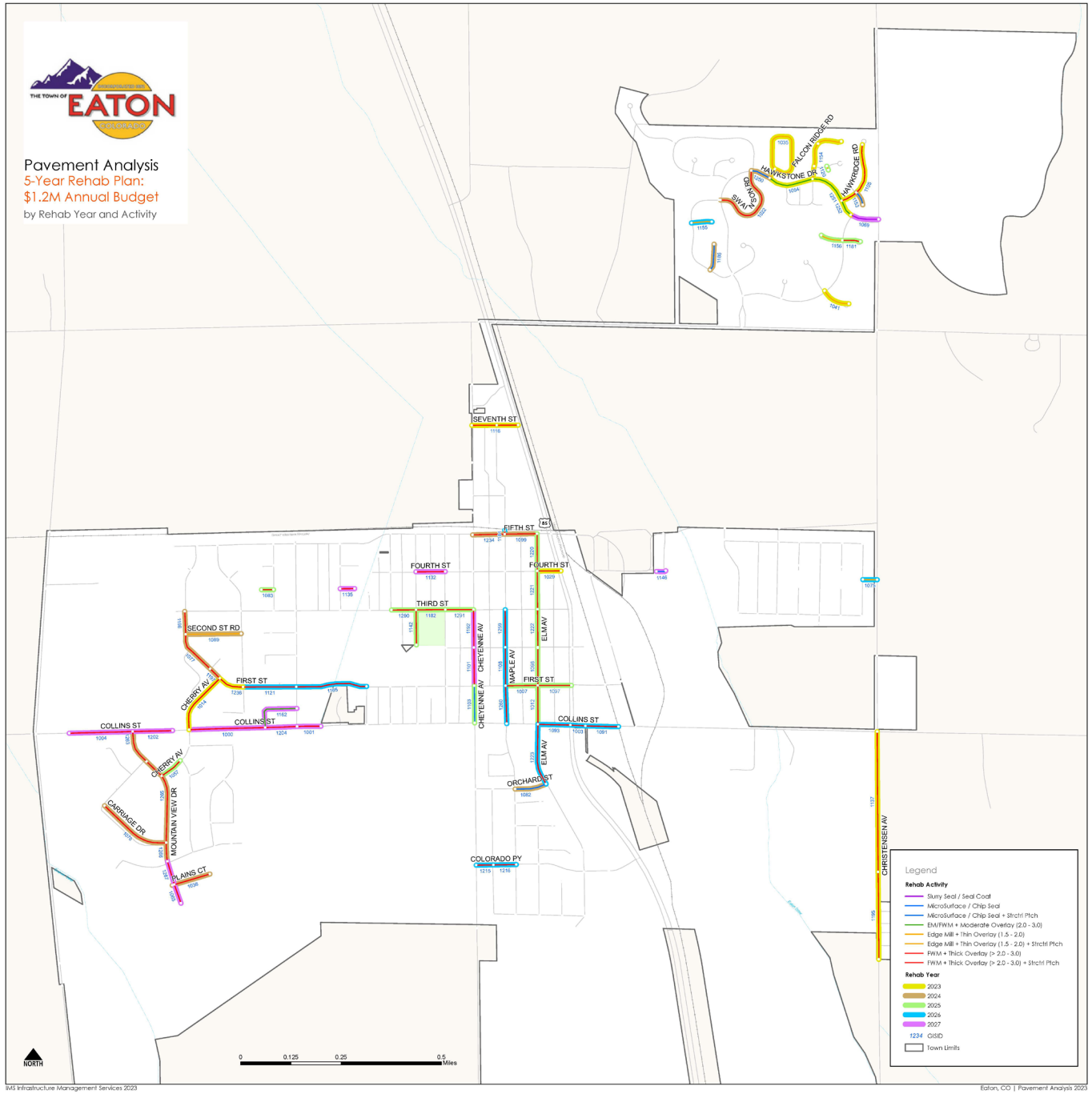
THE TOWN OF EATON COLORADO INCORPORATED 1892

# Proposed Solutions

# Investment vs. Impact



# 5-Year Rehab Plan if $1,200,000 Annual Budget




## Legend

**Rehab Activity**

- MicroSurface / Chip Seal
- Edge Mill + Thin Overlay (1.5 - 2.0)
- FWM + Thick Overlay (> 2.0 - 3.0)
- FWM + Thick Overlay (> 2.0 - 3.0) + Strctrl Ptch

**Rehab Year**

- 2023
- 2024
- 2025
- 2026
- 2027
- *1234* GISID
- Town Limits

THE TOWN OF EATON COLORADO

# 5-Year Rehab Plan if $1,200,000 Annual Budget

| | | FROM | TO |
|---|---|---|---|
| **2023** | CHERRY AVENUE. | FIRST ST | COLLINS ST |
| | CHRISTIENSEN AVENUE | E. COLLINS ST | SOUTH END |
| | FALCON RIDGE RD. | HAWKSTONE DR | CDS |
| | FIRST ST. | CHERRY AVE | WALNUT AVE |
| | FOURTH ST. | ELM AVE | SH 85 |
| | GOSHAWK RD. | EAGLE DR | CDS |
| | HAWKRIDGE RD. | FALCON RIDGE RD | HAWKRIDGE RD |
| | HAWKSTONE DR. | HAWKRIDGE RD | EAGLE DR |
| | PRAIRE HAWK RD. | HAWKSTON DR | HAWKSTONE DR |
| | SEVENTH ST. | CHEYENNE AVE | SH 85 |
| **2024** | BLACKHAWK LN. | BLACK HAWK RD | CDS |
| | CARRIAGE DR. | S MOUNTAIN VIEW DR | PIONEER RD |
| | CHERRY AVENUE | CHERRY CT | THIRD ST. |
| | FIFTH ST. | CHEYENNE AVE | ELM AV. |
| | MOUNTIAN VIEW DR. | CARRIAGE DR | COLORADO PARKWAY |
| | ORCHARD ST. | MAPLE AVE | ELM AVE |
| | PLAINS CT. | S MOUNTAIN VIEW DR | CDS |
| | SECOND ST. RD. | FIRST ST | WALNUT AVE |
| | SWAINSON RD. | HAWKSTONE DR | PRAIRE HAWK RD |

THE TOWN OF EATON COLORADO

# 5-Year Rehab Plan if $1,200,000 Annual Budget

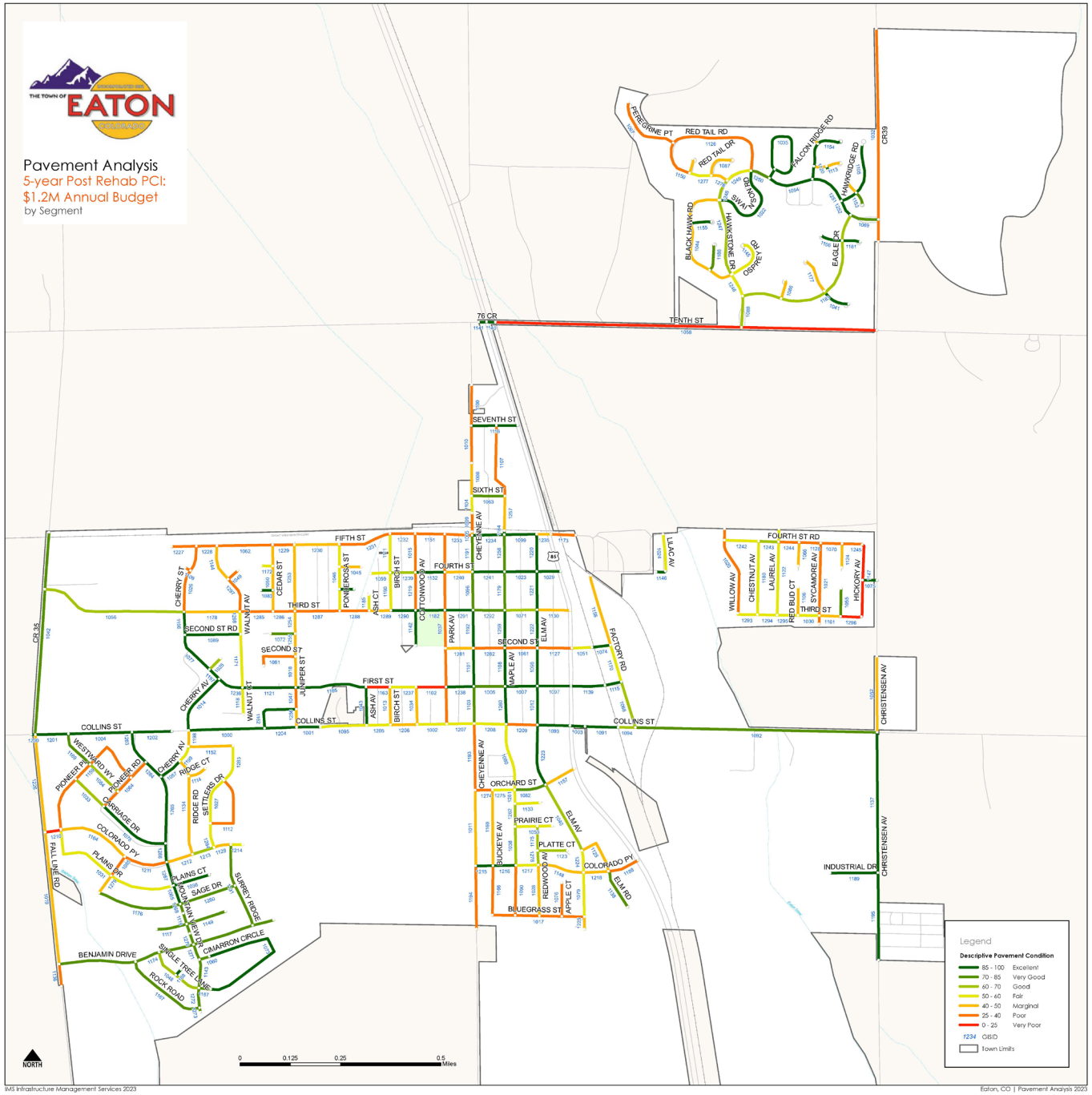
| | | FROM | TO |
|---|---|---|---|
| **2025** | CHERRY AVENUE | RIDGE DR | MOUNTAIN VIEW DR |
| | CHEYENNE AVENUE | FIRST ST | COLLINS ST |
| | CONDOR RD. | CDS | EAGLE DR |
| | COOPER HAWK RD. | EAGLE DR | CDS |
| | ELM AVENUE | COLLINS ST | FIFTH ST |
| | FALCON RIDGE CT | FALCON RIDGE CT | CDS |
| | FIRST ST. | MAPLE AVE | SH 85 |
| | S. COTTONWOOD AVENUE | THIRD ST | GATE |
| | THIRD ST. | BIRCH AVE | CHEYENNE AVE |
| | THIRD ST. RD. | BGN | CEDAR ST |
| **2026** | BLACKHAWK DR. | BLACK HAWK RD | CDS |
| | COLLINS ST. | ELM AVE | RRX |
| | COLORADO PARKWAY | CHEYENNE AVE | MAPLE AVE |
| | ELM AVENUE | COLLINS ST | ORCHARD ST |
| | FIRST ST. | WALNUT AVE | ASH AVE |
| | FOURTH ST. | HICKORY AVE | ECL |
| | MAPLE AVENUE | DS@458FT | FIFTH ST |
| | MAPLE AVENUE | COLLINS ST | THIRD ST |

THE TOWN OF EATON COLORADO

# 5-Year Rehab Plan if $1,200,000 Annual Budget

| | | FROM | TO |
|---|---|---|---|
| **2027** | CHEYENNE AVENUE | FIRST ST | THIRD ST |
| | COLLINS ST. | WESTWARD WY | SRFCH |
| | FOURTH ST. | CL | LILAC AVE |
| | FOURTH ST. | COTTONWOOD AV | PARK AVE |
| | HAWKSTONE DR. | EAGLE DR | CR 39 |
| | HUCKLEBERRY LN. | COLLINS ST | JUNIPER ST |
| | MOUNTIAN VIEW DR. | SAGE DR | COLORADO PARKWAY |
| | PONDEROSA PL. | PONDEROSA ST | END |

# Results After 5 Years if $1,200,000 Annual Budget




Legend

**Descriptive Pavement Condition**

- 85 - 100 Excellent
- 70 - 85 Very Good
- 60 - 70 Good
- 50 - 60 Fair
- 40 - 50 Marginal
- 25 - 40 Poor
- 0 - 25 Very Poor
- 1234 GISID
- Town Limits

THE TOWN OF EATON COLORADO INCORPORATED 1892

# Funding Options

# Estimated Sales Tax Revenues

Each 0.1% (one-tenth of one percent) sales tax = $130,000

0.75% sales tax = $975,000

1% sales tax = $1,300,000

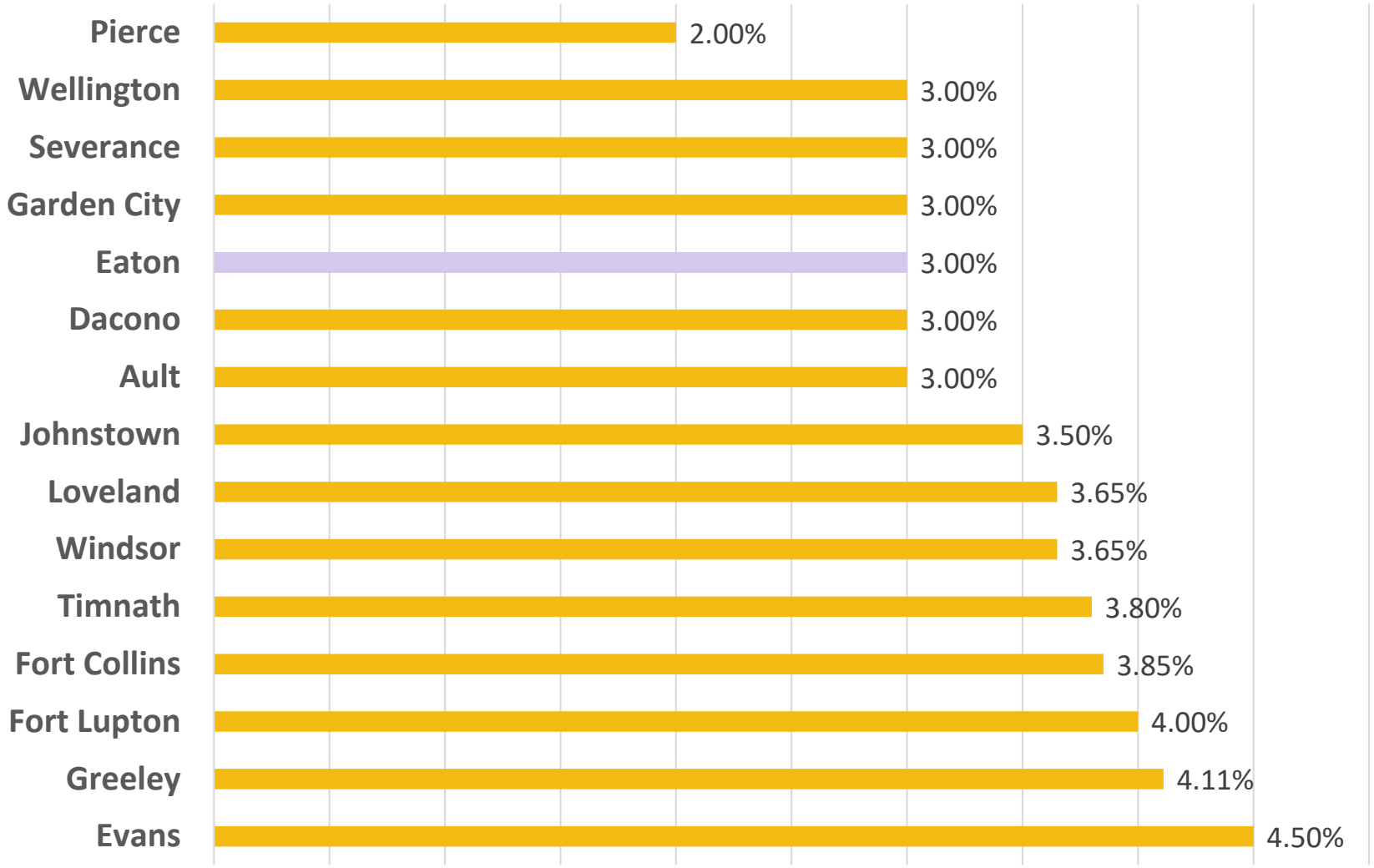
$1,300,000 in annual revenue could repay about $20 million in debt over 30 years

$1,300,000 in annual revenue could repay about $17.5 million in debt over 25 years

$1,300,000 in annual revenue could repay about $15 million in debt over 20 years

THE TOWN OF EATON COLORADO

# Current Sales Tax Comparison



# Sample Ballot Question (Without Debt Language)

SHALL TOWN OF EATON TAXES BE INCREASED BY $1,450,000 IN THE FIRST FULL FISCAL YEAR (2024), AND BY WHATEVER ADDITIONAL AMOUNTS ARE RAISED ANNUALLY IN EACH SUBSEQUENT YEAR, BY INCREASING THE TOWN'S SALES TAX RATE BY 1.0% (EQUIVALENT TO 10 CENTS ON A $10.00 PURCHASE), COMMENCING ON JANUARY 1, 2024, TO FUND:

- STREET AND SIDEWALK MAINTENANCE AND REPAIRS, INCLUDING, BUT NOT LIMITED TO, PAVING, PATCHING, POTHOLE REPAIR, SEAL COATING, CHIP SEAL APPLICATION, ASPHALT OVERLAY, AND RECONSTRUCTION; AND

- TRANSPORTATION RELATED PROJECTS, INCLUDING, BUT NOT LIMITED TO, THOSE RELATED TO ROADWAYS, CURBS, GUTTERS, BRIDGES, SIDEWALKS, SHOULDERS, TRAFFIC SIGNALS, PEDESTRIAN SIGNALS AND MEDIANS;

AND SHALL ALL REVENUES GENERATED FROM THE INCREASED TAX AUTHORIZED HEREIN AND FROM ANY EARNINGS FROM THE INVESTMENT OF SUCH REVENUES CONSTITUTE A VOTER-APPROVED REVENUE CHANGE AND AN EXCEPTION TO THE REVENUE AND SPENDING LIMITS OF ARTICLE X, SECTION 20 OF THE COLORADO CONSTITUTION OR ANY OTHER LAW?

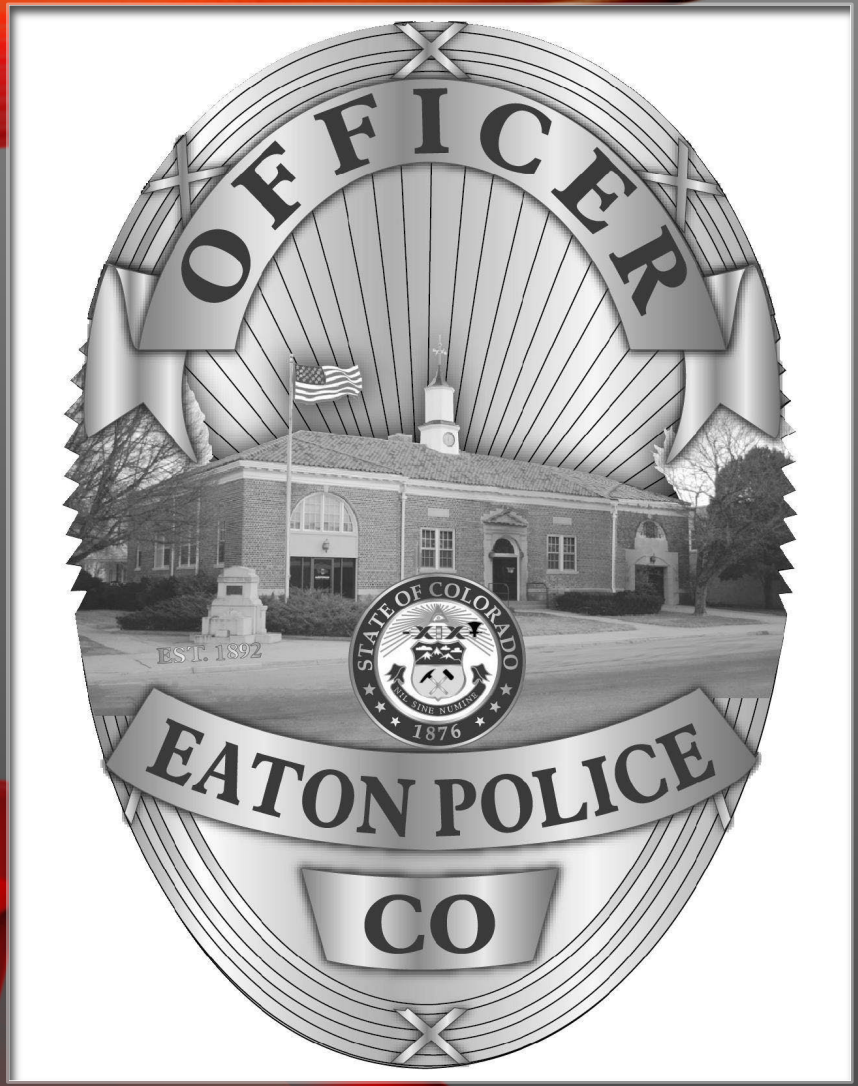
# Sample Ballot Question (With Debt Language)

SHALL TOWN OF EATON DEBT BE INCREASED UP TO $_____, WITH A MAXIMUM REPAYMENT COST OF $_____, AND SHALL TOWN OF EATON SALES TAXES BE INCREASED UP TO $1,370,000 ANNUALLY IN THE FIRST FULL FISCAL YEAR (2024) AND BY WHATEVER ADDITIONAL AMOUNTS ARE RAISED ANNUALLY THEREAFTER, BY INCREASING THE RATE OF SALES TAX LEVIED BY THE TOWN BY 1.0% (EQUIVALENT TO 10 CENTS ON A $10.00 PURCHASE), COMMENCING ON JANUARY 1, 2024, WITH THE PROCEEDS OF SUCH DEBT AND SUCH TAXES TO BE USED FOR THE PURPOSE OF FINANCING ALL OR ANY PART OF:

- STREET AND SIDEWALK MAINTENANCE AND REPAIRS, INCLUDING, BUT NOT LIMITED TO, PAVING, PATCHING, POTHOLE REPAIR, SEAL COATING, CHIP SEAL APPLICATION, ASPHALT OVERLAY, AND RECONSTRUCTION; AND

- TRANSPORTATION RELATED PROJECTS, INCLUDING, BUT NOT LIMITED TO, THOSE RELATED TO ROADWAYS, CURBS, GUTTERS, BRIDGES, SIDEWALKS, SHOULDERS, TRAFFIC SIGNALS, PEDESTRIAN SIGNALS AND MEDIANS:

SUCH DEBT TO BE SOLD IN ONE SERIES OR MORE AT A PRICE ABOVE, BELOW OR EQUAL TO THE PRINCIPAL AMOUNT OF SUCH DEBT AND ON SUCH TERMS AND CONDITIONS AS THE TOWN MAY DETERMINE, INCLUDING PROVISIONS FOR REDEMPTION OF THE DEBT PRIOR TO MATURITY WITH OR WITHOUT PAYMENT OF PREMIUM OF NOT TO EXCEED __%; AND SHALL THE TOWN BE AUTHORIZED TO ISSUE DEBT TO REFUND THE DEBT AUTHORIZED IN THIS QUESTION AT A HIGHER OR LOWER RATE; AND SHALL THE REVENUES RAISED BY SUCH SALES TAX RATE INCREASE AND PROCEEDS OF SUCH DEBT, ANY OTHER REVENUE USED TO PAY SUCH DEBT, AND INVESTMENT INCOME THEREON, BE COLLECTED AND SPENT BY THE TOWN AS A VOTER-APPROVED REVENUE CHANGE PURSUANT TO ARTICLE X, SECTION 20 OF THE COLORADO CONSTITUTION?




# EATON POLICE DEPARTMENT

Chiefs Report

Revised 06/01/2023

# COMMUNITY POLICING REPORT

## Toys from a cop

**Kick ball brought in nearly $900 dollars to share between Toys from a Cop and the Fire Fighter Fund. Yes, we lost but the charities won!!**

## Misc. Activity

- Welcome to the team Officer Lemay. We are excited to have you at the EPD.

## Upcoming Events

- **Movie in the Park Chief and staff will be handing out popcorn.**
- **EATON DAYS!**

# CRIME REPORT

See new report( the new report is a more in depth crime report and shows the type of calls and areas of calls that are taken.  It also shows a hot and cold calendar to pin point when we are busy and when we are not.  I have included it at with this slide show and will talk about it during reports.  Thank you.

# CRIME REPORT CONT.

## Fines Collected

$30556.25

## Clearance Rate

92.3 May

## Misc.

Officers responded to a burglary at Seasons Liquor. With in 12 hours they had a suspect in custody and recovered the items taken. The individual was charged with burglary, theft and criminal mischief.  GREAT POLICE WORK!!!!

# EATON POLICE DEPARTMENT HAPPENINGS

## Officer Recognition

Officer Raber made it through his FTO and is now patrolling the streets as a solo officer.

After 29 years in law enforcement, with 14 being at EPD, Lt. Suter will be retiring effective 06/23/2023. Congratulations on your retirement Lt!

We ♥ our police!

AED

RABER 23-01
JENKINS 17-01
RUNDLE 13-01
STURCH 07-01
PETTIT 21-03
RAMIREZ 23-03
TORRES 15-01
BENNETT 21-04
EDWARDS 22-01
LOOS 19-07

POLICE

EATON FIRE PROTECTION DISTRICT STATION 1
SUTER 14-01
LOOS 19-01
PENA 20-02
RUNDLE 13-01

THE TOWN OF
EATON
COLORADO
POLICE

# THANK YOU FOR TAKING THE TIME TO READ THIS REPORT!!

Chief Kevin Sturch

# Eaton Police Department

Monthly CAD Incidents / Calls For Service

05 / 2023

## Total Overall Incidents (By Method Received)

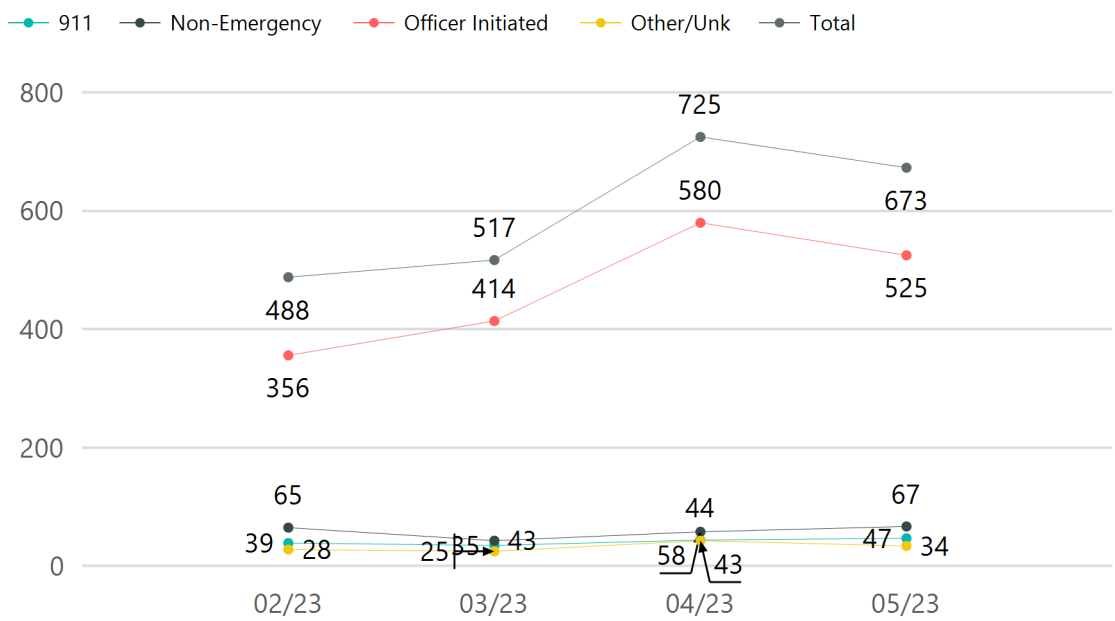
| Total | 673 |
|---|---|
| 911 | 47 |
| Non-Emergency | 67 |
| Officer Initiated | 525 |
| Safe2Tell | 3 |
| Teletype | 1 |
| Unknown | 30 |

## Total Overall Incidents (By Priority)

| Total | 673 |
|---|---|
| 1 - Critical | 1 |
| 2 - High | 18 |
| 3 - Medium | 103 |
| 4 - Low | 78 |
| 5 - General Services | 233 |
| 6 - Planned | 5 |
| 8 - Informational | 6 |
| 9 - Traffic / CC | 227 |
| 10 - Civil / Home | 2 |

*The Incidents counted and considered in this report are any Incidents in which any "Unit" belonging to the listed Agency was attached to - regardless of physical jurisdiction, regardless of disposition, and regardless of whether or not that "Unit" or the listed Agency was considered "Primary". The primary scope of this report inculdes incidents which occurred within the prior month from the time of publishing - although some report objects may include historical data for comparison.*

Incident counts over Last 4 Months (By Category of Method Received)




## Top 10 Incident Locations

| | |
|---|---|
| 525 COLLINS ST | 4 |
| 151 S OAK AVE (ACE HARDWARE - OAK AVE) | 4 |
| 1125 BLACK HAWK RD | 4 |
| 1661 COLLINS ST (EATON HIGH SCHOOL) | 3 |
| 355 S ELM AVE (DOLLAR GENERAL - S ELM AVE) | 3 |
| 1675 3RD ST (EATON RECREATION CENTER) | 3 |
| 680 OAK AVE (A AND W) | 2 |
| 425 S ELM AVE (CIRCLE K - S ELM AVE) | 2 |
| 100 S MAPLE AVE | 2 |
| 222 MAPLE AVE | 2 |

*This list includes the top 10 locations by incident occurrence during the last month. This list does not include officer-initiated incidents, or any incidents located at the address of the Police Department.*

## Count of Incidents (Overall) by Day of Week and Hour of Day - 05 / 2023

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sunday | 3 | 2 | | 2 | 1 | | | 1 | 1 | 5 | 2 | 3 | 4 | 5 | 2 | 3 | 10 | 3 | 5 | 7 | 8 | 10 | 5 | 3 | 85 |
| Monday | 3 | | 1 | 1 | 1 | 1 | 5 | 6 | 8 | 8 | 7 | 3 | 8 | 6 | 6 | 3 | 9 | 3 | 6 | 6 | 6 | 6 | 10 | 5 | 118 |
| Tuesday | 3 | 1 | 2 | | | 1 | 5 | 2 | 8 | 6 | **14** | 8 | 7 | 8 | 7 | 3 | 5 | 5 | 3 | 3 | 8 | 5 | 6 | 3 | 113 |
| Wednesday | 2 | 2 | 3 | 1 | 2 | | 2 | 4 | 6 | 4 | 9 | 6 | 7 | 7 | 9 | 11 | 7 | 7 | 5 | 4 | 13 | 8 | 5 | 3 | **127** |
| Thursday | 2 | | 3 | | | | 2 | 4 | 9 | 7 | 6 | 6 | 7 | 6 | 6 | 5 | 4 | | 3 | | 4 | 2 | 5 | 2 | 83 |
| Friday | | 2 | 3 | | | | 1 | 2 | 5 | 6 | 10 | 10 | 8 | 5 | 9 | 3 | 6 | 1 | 1 | 2 | 3 | 5 | 4 | 2 | 88 |
| Saturday | 1 | | 1 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 5 | 1 | 5 | 2 | 2 | 6 | 1 | 1 | 2 | 3 | 3 | 5 | 6 | 1 | 59 |
| Total | 14 | 7 | 13 | 6 | 6 | 3 | 16 | 23 | 39 | 38 | **53** | 37 | 46 | 39 | 41 | 34 | 42 | 20 | 25 | 25 | 45 | 41 | 41 | 19 | **673** |

## Count of Incidents (Recieved Calls) by Day of Week and Hour of Day - 05 / 2023

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sunday | 1 | 2 | | | | | | 1 | | 2 | | 2 | 2 | 2 | | | 2 | | | 1 | 3 | 1 | | | 19 |
| Monday | | | 1 | | | 1 | | | | 1 | | | | 1 | 1 | 1 | **4** | 1 | 1 | 1 | **4** | 2 | **4** | | 23 |
| Tuesday | | 1 | 2 | | | | 1 | | 1 | 1 | 3 | 1 | | | | 2 | 2 | | | | 1 | 2 | 2 | 1 | 20 |
| Wednesday | | 1 | 2 | 1 | 2 | | | 1 | | 1 | 2 | | 1 | | 1 | 2 | 1 | **4** | 2 | 1 | **4** | 2 | | | **28** |
| Thursday | 2 | | 1 | | | | | | 1 | 2 | 1 | 1 | | | 2 | 1 | | | 2 | | 3 | | 1 | 1 | 18 |
| Friday | | 1 | 1 | | | | | | 1 | | 1 | 1 | | 2 | | 1 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | | 19 |
| Saturday | | | 1 | 1 | 2 | 1 | 1 | 1 | | | | 1 | 2 | 2 | | **4** | | 1 | | 1 | 1 | | 2 | | 21 |
| Total | 3 | 5 | 8 | 2 | 4 | 2 | 2 | 3 | 3 | 7 | 7 | 6 | 5 | 7 | 4 | 11 | 11 | 7 | 6 | 6 | **17** | 10 | 10 | 2 | **148** |

## Count of Incidents (Officer Initiated) by Day of Week and Hour of Day - 05 / 2023

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sunday | 2 | | | 2 | 1 | | | | 1 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 8 | 3 | 5 | 6 | 5 | 9 | 5 | 3 | 66 |
| Monday | 3 | | | 1 | 1 | | 5 | 6 | 8 | 7 | 7 | 3 | 8 | 5 | 5 | 2 | 5 | 2 | 5 | 5 | 2 | 4 | 6 | 5 | 95 |
| Tuesday | 3 | | | | | 1 | 4 | 2 | 7 | 5 | **11** | 7 | 7 | 8 | 7 | 1 | 3 | 5 | 3 | 3 | 7 | 3 | 4 | 2 | 93 |
| Wednesday | 2 | 1 | 1 | | | | 2 | 3 | 6 | 3 | 7 | 6 | 6 | 7 | 8 | 9 | 6 | 3 | 3 | 3 | 9 | 6 | 5 | 3 | **99** |
| Thursday | | | 2 | | | | 2 | 4 | 8 | 5 | 5 | 5 | 7 | 6 | 4 | 4 | 4 | | 1 | | 1 | 2 | 4 | 1 | 65 |
| Friday | | 1 | 2 | | | | 1 | 2 | 4 | 6 | 9 | 9 | 8 | 3 | 9 | 2 | 4 | | | | 2 | 2 | 3 | 2 | 69 |
| Saturday | 1 | | | 1 | | | | 3 | 2 | 2 | 5 | | 3 | | 2 | 2 | 1 | | 2 | 2 | 2 | 5 | 4 | 1 | 38 |
| Total | 11 | 2 | 5 | 4 | 2 | 1 | 14 | 20 | 36 | 31 | **46** | 31 | 41 | 32 | 37 | 23 | 31 | 13 | 19 | 19 | 28 | 31 | 31 | 17 | **525** |

## *Traffic Data - 05 / 2023*

### *Traffic Accidents*

| Nature | Total | Report | Ticket Issued |
|---|---|---|---|
| **Total** | **8** | **6** | **2** |
| Traffic Accident | 3 | 2 | 1 |
| Traffic Accident Hit and Run | 3 | 3 | 0 |
| Traffic Accident Unknown Inj. | 1 | 1 | 0 |
| Traffic Accident with Inj. | 1 | 0 | 1 |

**Top 5 Traffic Accident Locations**

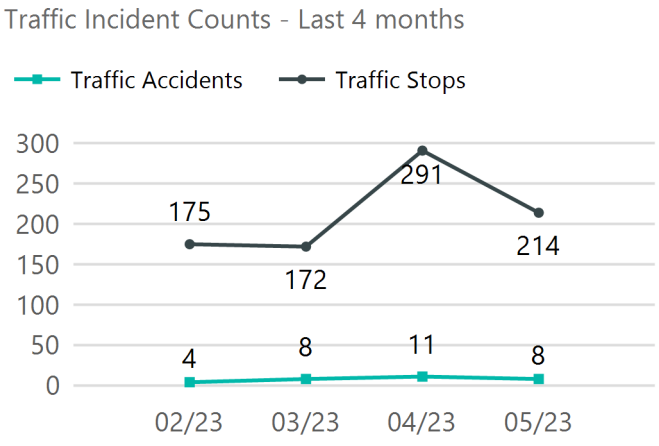
| | |
|---|---|
| 3301-3303 37TH ST | **1** |
| 151 S OAK AVE (ACE HARDWARE - OAK AVE) | **1** |
| 1675 3RD ST (EATON RECREATION CENTER) | **1** |
| 55 S OAK AVE (MCDONALDS - S OAK AVE) | **1** |
| 5TH ST / CHEYENNE AVE | **1** |

### *Traffic Stops*

| | Total | Report | Serviced call | Ticket Issued | Warning |
|---|---|---|---|---|---|
| **Total** | **214** | **4** | **6** | **126** | **78** |
| Traffic Stop | 214 | 4 | 6 | 126 | 78 |

**Top 5 Traffic Stop Locations**

| | |
|---|---|
| 100 OAK AVE | **23** |
| 10 OAK AVE | **11** |
| ORCHARD ST / S OAK AVE | **8** |
| COLORADO PKWY / S OAK AVE | **8** |
| 600 OAK AVE | **7** |



***All Incidents by Nature/Disposition in Time Period - 05 / 2023***

| Problem | Total | False Alarm | Message Left | Report | Serviced call | Ticket Issued | Warning |
|---|---|---|---|---|---|---|---|
| **Total** | **673** | **2** | **7** | **159** | **250** | **151** | **104** |
| Animal At Large | **13** | 0 | 0 | 0 | 12 | 0 | 1 |
| Animal Complaint | **21** | 0 | 0 | 5 | 14 | 1 | 1 |
| Assault | **1** | 0 | 0 | 0 | 1 | 0 | 0 |
| Assist Other Agency | **7** | 0 | 0 | 5 | 2 | 0 | 0 |
| Bailiff Duties | **1** | 0 | 0 | 0 | 1 | 0 | 0 |
| Burglary | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Burglary Alarm | **15** | 1 | 0 | 3 | 11 | 0 | 0 |
| Certified Vin Inspection | **2** | 0 | 0 | 0 | 2 | 0 | 0 |
| Check Wellbeing | **12** | 0 | 0 | 9 | 3 | 0 | 0 |
| Citizen Assist | **5** | 0 | 0 | 1 | 4 | 0 | 0 |
| Citizen Contact | **13** | 0 | 0 | 0 | 13 | 0 | 0 |
| Civil Process | **2** | 0 | 0 | 0 | 2 | 0 | 0 |
| Code Violation | **49** | 0 | 0 | 3 | 9 | 15 | 22 |
| Detail | **8** | 0 | 0 | 0 | 8 | 0 | 0 |
| Disturbance | **10** | 0 | 0 | 5 | 5 | 0 | 0 |
| Drill | **2** | 0 | 0 | 0 | 2 | 0 | 0 |
| Follow Up | **96** | 0 | 5 | 46 | 40 | 5 | 0 |
| Hang Up | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Harass | **9** | 0 | 1 | 4 | 4 | 0 | 0 |
| Hold Up Alarm | **3** | 1 | 0 | 0 | 2 | 0 | 0 |
| Loud Party | **1** | 0 | 0 | 0 | 0 | 0 | 1 |
| Medical | **6** | 0 | 0 | 0 | 6 | 0 | 0 |
| Medical Assist | **2** | 0 | 0 | 0 | 2 | 0 | 0 |
| Medical Assist - Echo | **1** | 0 | 0 | 0 | 1 | 0 | 0 |
| Meet | **39** | 0 | 0 | 17 | 22 | 0 | 0 |
| Mental Health Crisis | **3** | 0 | 0 | 2 | 1 | 0 | 0 |
| Missing Adult | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Noise Complaint | **1** | 0 | 0 | 0 | 0 | 1 | 0 |
| Overdose | **1** | 0 | 0 | 0 | 1 | 0 | 0 |

| Problem | Total | False Alarm | Message Left | Report | Serviced call | Ticket Issued | Warning |
|---|---|---|---|---|---|---|---|
| Property | **5** | 0 | 0 | 4 | 1 | 0 | 0 |
| Request for Backup | **4** | 0 | 0 | 3 | 1 | 0 | 0 |
| Request for Supervisor | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Residential Structure Fire | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Restraining Order Violation | **3** | 0 | 0 | 3 | 0 | 0 | 0 |
| School Assignment | **6** | 0 | 0 | 0 | 6 | 0 | 0 |
| Selective Enforcement | **2** | 0 | 0 | 0 | 2 | 0 | 0 |
| Shots Fired | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Stolen Vehicle | **3** | 0 | 0 | 1 | 2 | 0 | 0 |
| Subject With A Warrant | **2** | 0 | 0 | 2 | 0 | 0 | 0 |
| Suspicious | **48** | 0 | 0 | 12 | 35 | 1 | 0 |
| Theft | **12** | 0 | 0 | 11 | 1 | 0 | 0 |
| Theft In-Progress | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Traffic Accident | **3** | 0 | 0 | 2 | 0 | 1 | 0 |
| Traffic Accident Hit and Run | **3** | 0 | 0 | 3 | 0 | 0 | 0 |
| Traffic Accident Unknown Inj. | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Traffic Accident with Inj. | **1** | 0 | 0 | 0 | 0 | 1 | 0 |
| Traffic Complaint | **4** | 0 | 1 | 0 | 2 | 0 | 1 |
| Traffic Hazard | **5** | 0 | 0 | 0 | 5 | 0 | 0 |
| Traffic Stop | **214** | 0 | 0 | 4 | 6 | 126 | 78 |
| Trespass | **1** | 0 | 0 | 1 | 0 | 0 | 0 |
| Unwant | **3** | 0 | 0 | 3 | 0 | 0 | 0 |
| Vandalism | **3** | 0 | 0 | 2 | 1 | 0 | 0 |
| Vin Inspection | **20** | 0 | 0 | 0 | 20 | 0 | 0 |