

**DRCOG Transportation Improvement Program (TIP)
FY 2024-2027 TIP Subregional Share (Call #4) –
Southwest Weld County Subregion
Air Quality/Multimodal (AQ/MM) Project Application
APPLICATION OVERVIEW**

What: The Regional Share Call for Projects for the FY 2024-2027 TIP (Call #4)

Funding Available: \$2,099,000 for this subregion and this AQ/MM Track. In the AQ/MM Track, a majority of the funding is in FY26 and FY27, with a very small amount in FY25.

Eligibility: Air Quality & Multimodal (AQ/MM) eligible projects only.

Major Project Eligibility Exceptions: Roadway capacity, roadway reconstruction, bridge, interchange projects (*Note: these types of projects are only allowed to be submitted with the STBG application*)

Call Dates: November 28, 2022 until January 27, 2023, 3 pm

Application Submittals: submit the items below online through the submittal link on the [TIP Data Hub](#)

1. REQUIRED: a **single PDF document** containing 1) this application (**before saving to PDF, press Ctrl-A to select all, and F9 to update all formulas**), 2) one location map/graphic, 3) cost estimate (your own or the CDOT [cost estimate form](#)), 4) CDOT/RTD concurrence response (if applicable), 5) any required documentation based on the application text (i.e., FHWA emissions calculators), and 6) project support letters and/or [peer agency support](#). Please **DO NOT** attach additional cover pages, embed graphics in the application, or otherwise change the format of the application form
2. OPTIONAL: Submit **one additional** PDF document containing any supplemental materials, if applicable
3. REQUIRED: Submit a single zipped GIS shapefile of your project. The shapefile should consist of only your project limits. No particular attributes need to be included. Requests for assistance with creating a shapefile should be submitted to tipapplications@drcog.org no later than December 30, 2022

Other Notable items:

- **Eligibility:** Projects must align with the eligibility guidelines in [Appendices B and C](#) of the TIP Policy. Proposed work on roadways must primarily be located on the [DRCOG Regional Roadway System](#) to be eligible for TIP funding (the DRCOG RRS can also be viewed within the [TIP Data Tool](#)). Reconstruction and added capacity are ineligible for the AQ/MM application (see the STBG application). Further details can be found in the [Policies for TIP Program Development](#) document (a [quick-guide](#) is also available for reference)
- **TIP Trainings:** To be eligible to submit an application, at least one person from your agency must have attended one of the two mandatory TIP training workshops ([February 10](#) and [February 16, 2022](#))
- **CDOT/RTD Concurrence:** If required, [CDOT and/or RTD concurrence](#) must be provided with the application submittal. The CDOT/RTD concurrence request is due to CDOT/RTD no later than December 9, 2022, with CDOT/RTD providing a response no later than January 13, 2023. Submit requests to the following: CDOT Region 1 – [JoAnn Mattson](#), CDOT Region 4 – [Josie Thomas](#), RTD – [Chris Quinn](#)
- **If a submitted application in Calls #1-3 was not funded,** and you wish to resubmit the same application for this call, please [contact DRCOG](#). In these cases, we can unlock the application, change the title, and save the applicant some work in the resubmittal process
- **Application Data:** To assist sponsors in filling out the application, DRCOG has developed a TIP Data Tool. A link to the TIP Data Tool and instructions on how to use it, and datasets for download are available on the [TIP Data Hub](#). Requests for additional data or calculations from DRCOG staff should be submitted to tipapplications@drcog.org no later than December 30, 2022
- **Project Affirmation:** The application must be affirmed by either the applicant's City or County Manager, Chief Elected Official (Mayor or County Commission Chair) for local governments, or agency director or equivalent for other applicants
- **Evaluation Process:** DRCOG staff will review submittals for eligibility, develop scoring sheets, and post all applications (Jan. 30-Feb. 3, 2023). On Feb. 6, a public comment period will open until Feb. 24. Also at that time, details will be provided to each subregion to begin scoring, discussing, and recommending their projects back to DRCOG by March 15. Each forums' recommendation will then be forwarded to the DRCOG committee process for incorporation into a new 24-27 TIP anticipated to be adopted in August 2023
- If you have any questions or need assistance, reach out to us at tipapplications@drcog.org

APPLICATION FORMAT

The AQ/MM Subregional Share application contains two parts: *project information* and *evaluation questions*.

Project Information

Applicants enter **foundational** information for the *project/program/study* (hereafter referred to as *project*), including a problem statement, project description, and concurrence documentation from CDOT and/or RTD, if applicable. This section is not scored.

Evaluation Questions

This part includes four sections (A-D) for the **applicant to provide qualitative and quantitative responses** to use for scoring projects. The checkboxes and data entry fields should guide the applicant’s responses. They are not directly scored but provide context as reviewers consider the full response to each question. Applicants may access the TIP Data Tool and additional data resources which applicants may find useful [here](#).

Scoring Methodology: Each section will be scored on a scale of 0 to 5, relative to other applications received. All questions will be factored into the final score, with any questions left blank receiving 0 points. The four sections are weighted and scored as follows:

Section A. Subregional Impact of Proposed Projects..... 30%

Projects will be evaluated on the degree to which they address a significant subregional problem or benefit people throughout the subregion. Relevant quantitative data should be included within narrative responses.

5	The project benefits will substantially address a major subregional problem and benefit people and businesses in multiple communities.
4	The project benefits will significantly address a major subregional problem primarily benefiting people and businesses in one community.
3	The project benefits will either moderately address a major subregional problem or significantly address a moderate -level subregional problem.
2	The project benefits will moderately address a moderate -level subregional problem.
1	The project benefits will address a minor subregional problem.
0	The project does not address a subregional problem.

Section B. Metro Vision Regional Transportation Plan Priorities50%

The TIP’s investments should implement the 2050 Metro Vision Regional Transportation Plan (2050 MVRTP) regional project and program investment priorities, which contribute to addressing the Board-adopted Metro Vision objectives and the federal performance-based planning framework required by the Federal Highway Administration and Federal Transit Administration as outlined in current federal transportation legislation and regulations. Therefore, projects will be evaluated on the degree to which they address the six priorities identified in the 2050 MVRTP: safety, active transportation, air quality, multimodal mobility, freight, and regional transit. It is anticipated that projects may not be able to address all six priorities, but it’s in the applicant’s interest to address as many priority areas as possible. Relevant quantitative data is required to be included within narrative responses. The table below demonstrates how each priority area will be scored.

5	The project provides demonstrable substantial benefits in the 2050 MVRTP priority area and is determined to be in the top fifth of applications based on the magnitude of benefits in that priority area.
4	The project provides demonstrable significant benefits in the 2050 MVRTP priority area.
3	The project provides demonstrable moderate benefits in the 2050 MVRTP priority area and is determined to be in the middle fifth of applications based on the magnitude of benefits in that priority area.
2	The project provides demonstrable modest benefits in the 2050 MVRTP priority area.
1	The project provides demonstrable slight benefits in the 2050 MVRTP priority area and is determined to be in the bottom fifth of applications based on the magnitude of benefits in that priority area.
0	The project does not provide demonstrable benefits in the 2050 MVRTP priority area.

Section C. Project Leveraging (“overmatch”) 10%

Scores are assigned based on the percent of other funding sources (non-Subregional Share funds).

Score	% non-Subregional Share funds
5	60% and above
4	50-59.9%
3	40-49.9%
2	20-39.9%
1	10.1-19.9%
0	10%

Section D. Project Readiness 10%

Be sure to answer ALL questions. While “Yes” answers will generally reflect greater readiness, opportunities are given to provide additional details to assist reviewers in fully evaluating the readiness of your project.

5	Substantial readiness is demonstrated and all known obstacles that are likely to result in project delays have been mitigated.
4	Significant readiness is demonstrated and several known obstacles that are likely to result in project delays have been mitigated.
3	Moderate readiness is demonstrated and some known obstacles that are likely to result in project delays have been mitigated.
2	Slight readiness is demonstrated and some known obstacles that are likely to result in project delays have been mitigated.
1	Few mitigation or readiness activities have been demonstrated.
0	No mitigation or readiness activities have been demonstrated.

Project Information

1. Project Title		Erie Flex Ride Starter Service	
2. Project Location <i>Provide a map, as appropriate (see Page 1)</i>		Start point: Town of Erie boundary End point: Town of Erie boundary OR Geographic Area: Attached.	
3. Project Sponsor <i>(entity that will be financially responsible for the project)</i>		Town of Erie	
4. Project Contact Person:			
Name: Miguel Aguilar		Title: Senior Transportation Planner	
Phone: 720-648-2293		Email: maguilar@erieco.gov	
5. Required CDOT and/or RTD Concurrence: Does this project touch CDOT Right-of-Way, involve a CDOT roadway, access RTD property, or request RTD involvement to operate service?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, provide applicable concurrence documentation</i>
6. What planning document(s) identifies this project? <i>Provide link to document(s) and referenced page number if possible, or provide documentation in the supplement</i>			
If this project is listed in the DRCOG 2050 Metro Vision Regional Transportation Plan (2050 MVRTP) , provide the staging period: Click or tap here to enter text.			
Local/Regional/Subregional plan:		Planning Document Title: Erie Transportation Mobility Plan (TMP) Adopting agency (local agency Council, CDOT, RTD, etc.): Town of Erie Board of Trustees Provide date of adoption by council/board/commission, if applicable: 1/5/2018	
Please describe public review/engagement to date:		Engagement and outreach will commence upon Board approval and allocation of grant funds.	
Other pertinent details:		The Town of Erie is the fastest growing community in Boulder County and will add over 10,000 new households in the coming decade. The TMP identifies the need and provides flexible transit solutions in places that RTD has been unable to provide services.	
7. Identify the project's key phases and the anticipated schedule of phase milestones. (phases and dates should correspond with the "Phase to be Initiated" in the Funding Breakdown table below)			
Phases to be included:	Major phase milestones:		Anticipated completion date (based on 8/16/2023 DRCOG approval date): (MM/YYYY)
	<input type="checkbox"/> Preconstruction (including studies)	<input type="checkbox"/> Construction	<input type="checkbox"/> Both
<u>REQUIRED FOR ALL PHASES</u>	Intergovernmental Agreement (IGA) executed with CDOT/RTD (Assumed process is 4-9 months; any work performed before execution is NOT reimbursable)		5/1/2023
<input type="checkbox"/> Design	Design contract Notice to Proceed (NTP) issued (if using a consultant):		Enter Date
	Design scoping meeting held with CDOT (if no consultant):		Enter Date
	FIR (Field Inspection Review):		Enter Date
	FOR (Final Office Review):		Enter Date

<input type="checkbox"/> Environmental	Environmental contract Notice to Proceed (NTP) issued (if using a consultant):	Enter Date
	Environmental scoping meeting held with CDOT (if no consultant):	Enter Date
<input type="checkbox"/> Right-of-Way	Initial set of ROW plans submitted to CDOT:	Enter Date
	Estimated number of parcels to acquire: <input type="text" value="Enter Number"/>	Enter Date
	ROW acquisition completed:	Enter Date
<input type="checkbox"/> Construction	Required clearances:	Enter Date
	Project publicly advertised:	Enter Date
<input type="checkbox"/> Study	Kick-off meeting held after consultant NTP (or internal if no consultant):	Enter Date
<input checked="" type="checkbox"/> Bus Service	Service begins:	9/1/2023
<input type="checkbox"/> Equipment Purchase (Procurement)	RFP/RFQ/RFB (bids) issued:	Enter Date
<input type="checkbox"/> Other Phase not Listed Describe: Describe	First invoice submitted to CDOT/RTD:	Enter Date

8. **Problem Statement:** What specific subregional problem/issue will the transportation project address?

The Town of Erie lacks sufficient transit service, both geographically and operationally, and the Town seeks to provide a flex ride transit service to close the gap of the first/last mile connections and to connect Town residents to needed services and activities. This includes connection to the BRT Starter Service in CO 7 that will also launch in 2025

9. Identify the project's **key elements**. A single project may have multiple project elements.

Roadway

Operational Improvements

Grade Separation

Roadway

Railway

Bicycle

Pedestrian

Regional Transit¹

Rapid Transit Capacity (2050 MVRTP)

Mobility Hub(s)

Transit Planning Corridors

Transit Facilities/Service (Expansion/New)

Safety Improvements

Active Transportation Improvements

Bicycle Facility

Pedestrian Facility

Air Quality Improvements

Improvements Impacting Freight

Multimodal Mobility (i.e., accommodating a broad range of users)

Complete Streets Improvements

Study

Other, briefly describe: Click or tap here to enter text.

¹For any project with transit elements, the sponsor must coordinate with RTD to ensure RTD agrees to the scope and cost. Be sure to include RTD's concurrence in your application submittal.

10. Define the **scope** and **specific elements** of the project (including any elements checked in #9 above). *DO NOT include scope elements that will not be part of the DRCOG funded project or your IGA scope of work (i.e., adjacent locally funded improvements or the project merits and benefits). Please keep the response to this question tailored to details of the scope only and no more than five sentences.*

The Town of Erie seeks a qualified vendor to provide supplemental flex ride transit service for Town residents. The vendor will have the appropriate and sufficient resources for the operations of the flex ride including but not limited to, licensed drivers, multiple vans or shuttles with an ADA approved lift, a dispatcher, a call center, scheduler, or representative to schedule trips, a scheduling software, and an operations plan for the next five years. The vendor will operate a flex ride service in Town with service to three additional locations just outside of the Town boundary that connect to the RTD network. The vendor will log sufficient and accurate ridership and trip data to determine future needs and service changes.

11. What is the current status of the proposed scope as defined in Question 10 above? *Note that overall project readiness is addressed in more detail in Section D below.*

The Town met with service providers to prepare a service area and vehicle plan. Town of Erie staff are working on a detailed RFP to select a provider and launch the service.

12. Would a smaller DRCOG-allocation than requested be acceptable, while maintaining the original intent of the project?

Yes No

*If yes, smaller meaningful limits, size, service level, phases, or scopes, along with the cost, **MUST** be defined.*

Smaller DRCOG funding request: \$450,000

Outline the differences between the scope outlined above and the reduced scope: Everything in the scope would remain the same but the reduced scope would be one less vehicle to operate with.

Project Financial Information and Funding Request		(All funding amounts in \$1,000s)	
<i>To update the formulas below, enter your information, highlight the formulas, and press F9 or right-click and select Update Field.</i>			
Total amount of Subregional Share Funding Request (in \$1,000's) <i>(Not to exceed 90% of the total project cost)</i> <input type="checkbox"/> Check box if requesting only state MMOF funds (requires minimum 50% local funds) ¹	\$540	90.00% of total project cost	
Match Funds (in \$1,000's)	Contribution Amount		% Contribution to Overall Project Total
List each funding source and contribution amount.			
Town of Erie	\$60	10.0%	
Click or tap here to enter text.	\$Match Amount	0.0%	
Click or tap here to enter text.	\$Match Amount	0.0%	
Click or tap here to enter text.	\$Match Amount	0.0%	
Click or tap here to enter text.	\$Match Amount	0.0%	
Click or tap here to enter text.	\$Match Amount	0.0%	
Total Match <i>(private, local, state, regional, or federal)</i>	\$ 60	10.0%	
Project Total	\$ 600		

Notes:

1. If you elect to ONLY receive state MMOF and per CDOT action, the following jurisdictions are only required to provide 25% match on the MMOF funds: Englewood, Jamestown, and Wheat Ridge.
Federal Heights, Lakeside, Larkspur, Sheridan, and Ward are not required to provide a match on the MMOF funds.
All sponsors will still be required to have 20% match on any added federal funds.

Funding Breakdown (in \$1,000s) (by program year)¹ (Total funding should match the Project Total from above)

To update the formulas below, enter your information, highlight the formulas (or Ctrl-A), and press F9. OR close and reopen the file.

	FY 2025	FY 2026	FY 2027	Total
DRCOG Requested Funds	\$267.5	\$267.5	\$Enter Amount	\$ 535
CDOT or RTD Supplied Funds²	\$Enter Amount	\$Enter Amount	\$Enter Amount	\$ 0
Local Funds (Funding from sources other than DRCOG, CDOT, or RTD)	\$32.5	\$32.5	\$Enter Amount	\$ 65
Total Funding	\$ 300	\$ 300	\$ 0	\$ 600
Phase to be Initiated	Bus Service	Bus Service	Choose an item.	
Notes:	<ol style="list-style-type: none"> 1. Fiscal years are October 1 through September 30 (e.g., FY 2026 is October 1, 2025 through September 30, 2026). The proposed funding plan is not guaranteed if the project is selected for funding. While DRCOG will do everything it can to accommodate the applicants' request, final funding will be assigned at DRCOG's discretion within fiscal constraint. Funding amounts must be provided in year of expenditure dollars using a recommended minimum 3% inflation factor. 2. Only enter funding in this line if CDOT and/or RTD specifically give permission via concurrence letters or other written source. 			
Affirmation:	By checking this box, the applicant's Chief Elected Official (Mayor or County Commission Chair/City or County Manager/Agency Director) has certified it allows this application to be submitted for potential DRCOG-allocated funding and will follow all local, DRCOG, state, and federal policies and regulations if funding is awarded. <input checked="" type="checkbox"/>			

Evaluation Questions

A. Subregional Impact of Proposed Project

WEIGHT

30%

Provide **qualitative and quantitative** responses to the following questions on the subregional impact of the proposed project. Be sure to provide all required information for each question. Quantitative data from DRCOG is available [here](#).

1. Why is this project subregionally important? *Relevant quantitative data in your response is required.*

This project is subregionally important as it closes a transit service gap transit service in a community that is on the edges of the RTD boundary and lacks sufficient fixed-route service. The Erie Flex Ride Starter Service will connect an additional 26,000 households to RTD fixed routes in the Town of Erie, which can then connect those households to the RTD regional transit network. As stated in DRCOG's MVRTP, and Town of Erie Transportation Plan, providing the additional transit services will reduce travel times, congestion, transportation emissions and provide reliable access to transportation for Erie households that do not own or operate a personal motor vehicle.

The Erie Flex Ride Starter Service will connect fill a missing transit link to the rest of the subregion by connecting to destinations in Frederick, Dacono and the planned CDOT Bustang stop in Firestone. This flex ride service will help meet the goals of:

- Connecting residents to the rest of the transit network,
- Providing a means of transportation to access destinations within the Town,
- Providing a means of transportation to access medical facilities and appointments,
- Providing a means of transportation to access educational facilities,
- Providing a means of transportation to access employment and shopping,
- Expanding the transit network,
- Reducing congestion on road infrastructure,
- Reducing travel times,
- Reducing transportation carbon emissions,
- Reducing the reliance on a personal vehicle

2. How will the proposed project address the specific transportation problem described in the **Problem Statement** (as submitted in Project Information, #8)? Relevant quantitative data in your response is required.

People living in the Town of Erie on the Weld County side contribute sales tax to the RTD system but have limited access to RTD services. The only RTD route offered in Erie is the JUMP and there is one stop in Weld County at the Erie Community Center. There are currently 5,000 people within a ¼ mile of the JUMP route, but most are in Boulder County.

The limited transit service in Weld County available to Erie residents increases the need to own an automobile or rely on private ridesharing. This impacts Erie’s most vulnerable residents who cannot access nearby health services, educational facilities, shopping, employment, or recreational areas. Erie Flex Ride Starter Service will fill the gap for the first/last mile connection in Erie to the JUMP and the planned BRT Starter Service on Colorado State Highway 7.

3. Does the proposed project benefit multiple municipalities and/or subregions? If yes, which ones and how? Also describe any funding partnerships (other subregions, regional agencies, municipalities, private, etc.) established in association with this project.

This project will benefit the DRCOG subregions of SW Weld County and Boulder County by connecting Town of Erie residents to services and activities in those subregions. It will also benefit the RTD regional transit system by connecting Erie riders to regions and subregions in the Denver area. Erie Flex Ride Starter Service will provide an initial service plan that the Town can use as a proof of concept with RTD and the Federal Transit Administration to advance long term transit services in Erie on the Weld County side.

Weld County, Frederick, Dacono, Lafayette and Broomfield will have a SOV reduction and economic benefit from this service. The service will allow Erie residents to access governmental and medical services within these communities without the use of a single occupant vehicle. The Erie Flex Ride Starter Service will also provide Erie riders with access to the goods and groceries at lower prices that are not currently available in the Town of Erie.

4. Disproportionately Impacted and Environmental Justice Communities
This data is available in the TIP Data Tool. Completing the below table and referencing relevant quantitative data in your response is required.

To update the formulas below, enter your information, highlight the formulas (or Ctrl-A), and press F9. OR close and reopen the file.

	DI & EJ Population Groups	Number within ½ mile	% of Total	Regional %
Use 2015-2019 American Community Survey Data (In the TIP Data Tool, use a 0.5 mile buffer)	a. Total population	30273	-	-
	b. Total households	11513	-	-
	c. Individuals of color	5715	19%	33%
	d. Low-income households	535	5%	9%
	e. Individuals with limited English proficiency	366	1%	3%
	f. Adults age 65 and over	4128	14%	13%
	g. Children age 5-17	6270	21%	16%
	h. Individuals with a disability	751	2%	9%
	i. Households without a motor vehicle	91	1%	5%
	j. Households that are housing cost-burdened	2407	21%	32%

For Lines c. – i. use definitions in the [DRCOG Title VI Implementation Plan](#). For Line j., as defined in C.R.S. 24-38.5-302(3)(b)(I): “cost-burdened’ means a household that spends more than thirty percent of its income on housing.”

Describe how this project will improve access and mobility for each of the applicable disproportionately impacted and environmental justice population groups identified in the table above, *including the required quantitative analysis*:

The service will provide a means of transportation for diverse economic and demographic groups for a multitude of reasons. All demographic groups will benefit from the service.

- *All Population Groups* – All members of the Erie community will benefit from this service currently and as the Town of Erie grows. This service will allow community members transportation choices that provide connections and access to medical services, educational facilities, employment, shopping, and recreational activities. This service will add to the quality of life in Erie knowing that reliable and easily accessed transportation services available near their home, school, job or recreation area.
- *Low-income households; Households without a motor vehicle; Households that are housing cost-burdened* – This group makes up 5%, 1%, and 21% respectively, of the population in the proposed Weld County project area. Households in this area will no longer have to exclusively rely on a personal vehicle or private ridersharing to make trips around Erie and beyond. Using this service will allow these households to spend their income on other household needs.
- *Individuals with limited English proficiency* – This group represents 1% of the population in the project area. The contracted transit provider will have support staff to communicate with residents in their respective language via the call in center and mobile app. Erie's Transportation Management Organizations (TMOs) will also conduct outreach as required with people who use English as a second language to explain how to use the transit service, schedule trips and how to interconnect with other transit services.
- *Adults age 65 and over; Children age 5-17* – This group is 14% and 21% of the population respectively. Erie has a higher percentage of children per capita than most communities in the project area. This service will allow both groups mobility without the use of a caregiver, parent, companion or driver. This includes some residents in both age groups who choose or are not able to drive or may not own a vehicle. Providing this service will close that transportation gap and connect these residents to others in their peer group.
- *Individuals with a disability* – This group is 2% of the population in the project area. The service will include ADA accessible lifts and drivers trained to use the equipment.

5. How will this project move the subregion toward achieving the shared [regional transportation outcomes](#) established in [Metro Vision](#) in terms of...
- Land Use, community, urban development, housing, employment? *(Improve the diversity and livability of communities. Contain urban development in locations designated for urban growth and services. Increase housing and employment in urban centers. Diversify the region's housing stock. Improve the region's competitive position.)*
 - Transit service is a critical mobility option that creates thriving neighborhoods, commercial centers and community centers. The Erie Flex Ride Starter Service will provide an opportunity for the community in various neighborhoods to access three urban centers along the Colorado State Highway 7 corridor. In addition, the transit service will provide access to other transit agency services where Town residents can access a multitude of employment, services, educational facilities, medical appointments, and other destinations.
 - Multimodal transportation, safety, reliability, air quality? *(Improve and expand the region's multimodal transportation system, services, and connections. Operate, manage, and maintain a safe and reliable transportation system. Improve air quality and reduce greenhouse gas emissions. Reduce the risk of hazards and their impact.)*
 - The service will connect residents to RTD services, the future the Colorado State Highway 7 BRT Starter Service, CDOT's Bustang service and the urban centers along the SH 7 corridor. The service will require less reliance on a personal vehicle and offer new mobility choices. The service will have the capacity to pick up multiple passengers which will help reduce emissions from multiple personal vehicles on roadways in the area and reduce travel times on local roadways.
 - Connection/accessibility to particular locations supporting healthy and active choices? *(Connect people to natural resource and recreational areas. Increase access to amenities that support healthy, active choices. Improve transportation connections to health care facilities and service providers. Improve access to opportunity.)*
 - The transit service will provide access to recreational activities, parks and trail systems across south west Weld County.
 - Several regional and local plans call for mobility hubs around the edge of the Town boundary. The new transit service will provide an additional access point to either RTD services, CDOT's Bustang, or other services once those hubs are built. The mobility hubs will be connected to Erie's core trail network, providing easy and safe access to the mobility hubs for people who choose active transportation to reach transit services.

6. Items marked with an asterisk (*) below are available in the TIP Data Tool.

- Is there a DRCOG designated urban center within ½ mile of the project limits?*
- Yes No If yes, please provide the name: [I-25 & SH 7 urban center; North End Station urban center](#)
- Does the project connect two or more urban centers?*
- Yes No If yes, please provide the names: [Click or tap here to enter text.](#)
- Is there a transit stop or station within ½ mile of the project limits?*
- Bus stop: Yes No If yes, how many: [13](#)
- Rail station: Yes No If yes, how many: [Click or tap here to enter text.](#)
- Is the project in a locally-defined priority growth and development area and/or an area with zoning that supports compact, mixed-use development patterns and a variety of housing options?
- Yes No

If yes, provide a link to the relevant planning document:

<https://www.erieco.gov/DocumentCenter/View/369/2015-Comp-Plan---Updated-2162016?bidId=>

If yes, provide how the area is defined in the relevant planning document: [Page 11-15 of Erie Comprehensive Plan 2015](#)

Provide households and employment data*	2020	2050
Households within ½ mile	11513	32379
Jobs within ½ mile	7746	18785
Household density (per acre) within ½ mile	.35	1.17
Job density (per acre) within ½ mile	.29	.88

Describe how this project will improve transportation options in and between key geographic areas including DRCOG-defined urban centers, multimodal corridors, mixed-use areas, Transit Oriented Development (transit near high-density development), or locally defined priority growth areas, *including the required quantitative analysis*:

The Town currently has one RTD route (JUMP) with 13 bus stops mostly in Boulder County. There are three planned urban centers at the southern end of the planned service area as identified in the 2050 MVRTP. This project will provide connections to these urban areas and other transit centers in south west Weld County. The Town of Erie Comprehensive Plan identifies significant mixed-use development along I-25 that will introduce thousands of residents and households in the area. The number of households will almost triple from 11,500 in 2020 to 32,500 in 2050. The number of jobs will more than double from about 8,000 in 2020 to 19,000 in 2050.

CDOT’s Bustang service will operate along the eastern Town border during when the Erie Flex Ride is launched in 2025. There is also planned BRT Starter Service along Colorado State Highway 7 on the south end of the service area in southwest Weld County.

7. Describe how this project will improve **access** and **connections** to key employment centers or subregional destinations. In your answer, define the key destination(s) and clearly explain how the project improves **access** and/or **connectivity**.

The project will provide supplemental transit to the Town of Erie to connect Weld County households to destinations. The transit service will offer curb to curb transport to destination in the service area including employment centers, future transit transfer centers and two location outside the service area that connect to the Lafayette Flex Ride. At these transfer centers, riders will be able to transfer to other transit services such as RTD or CDOT to access regional destinations in Boulder, Denver and to statewide destinations such as Pueblo, Grand Junction, or Steamboat Springs.

The transit service can provide connections to key destinations in the service area such as:

- I-25 & SH 7 Activity Center (DRCOG urban center) & transit transfer center
- I-25 & Hwy 7 Activity Center (DRCOG urban center) & transit transfer center
- North End Station (DRCOG urban center)
- Erie Town Center
- Erie Gateway Development
- Erie Airport

B. MVRTP Priorities

WEIGHT

50%

- ***Qualitative and quantitative*** responses are **REQUIRED** for the following items on how the proposed project contributes to the project and program investment priorities in the adopted 2050 Metro Vision Regional Transportation Plan. ***To be considered for full points, you must fully answer all parts of the question, including incorporating quantitative data into your answer.*** (see scoring section for details). Quantitative data from DRCOG is available [here](#).
- Checkboxes and data tables help to provide context and guide responses, but do not account for the full range of potential improvements and are not directly scored, but are required to be completed.
- Not all proposed projects will necessarily be able to answer all questions, however it is in the applicant's interest to address as many priority areas as possible.

Multimodal Mobility

Provide improved travel options for all modes.

(drawn from [2050 MVRTP priorities](#); [federal travel time reliability, infrastructure condition, & transit asset management performance measures](#); & [Metro Vision objective 4](#))

Examples of Project Elements: combinations of improvements that support options for a broad range of users, such as complete streets improvements, or a bicycle/pedestrian access to transit, etc.

- What modes will project improvements directly address?
 Walking Bicycling Transit Roadway Operations Other: Click or tap here to enter text.
- List the elements of this project which will address the above modes (i.e., sidewalk, shared use path, bus stop improvements, signal interconnection, etc.): [bike/ped access to transit, mobility and access to top destinations](#)
- Will the completed project be a complete street as described in the [Regional Complete Streets Toolkit](#)? This data is available in the TIP Data Tool.
 Yes No If yes, describe how it implements the Toolkit's strategies in your response.
- Does this project improve travel time reliability?
 Yes No
- Does this project improve asset management of active transportation facilities and/or transit vehicle fleets?
 Yes No
- Does this project implement resilient infrastructure that helps the subregion mitigate natural and/or human-made hazards?
 Yes No

Question: Describe how this project will help increase mobility choices for people, goods, and/or services. Please include quantitative information, including any items referenced above, in your response. *Note that a majority of the proposed roadway operational improvements must be on the DRCOG [Regional Roadway System](#) and/or [Regional Managed Lanes System](#).*

The project will provide transit service in the Town of Erie. The Town's 32,000 current residents have limited transit service. Erie's only service is the RTD's JUMP route. It has 13 bus stops mostly on the Boulder County side and offers peak hour service and limited off peak service. The Erie Flex Ride Starter Service will:

- Connect residents to access RTD services, the future SH 7 BRT, CDOT's Bustang service and the three urban centers along the SH 7 corridor,
- Fill the gap for first/last miles connections within the Town and;
- Connect residents to key destinations in the Town and to two locations excepted outside the service boundary.

This service will be used to determine future transit service in the area that could be provided by RTD or funded long term with Federal Transit Administration grants. By providing this service, people in the service area will have access to transit service which will result in less reliance on a personal vehicle. The transit service will have the capacity to pick up multiple passengers which will help reduce emissions from multiple personal vehicles on roadways. This service will provide transportation and increase mobility choices to the 91 households without a vehicle or to the 4,128 adults age 65+ who may struggle to access basic needs and services such as grocery shopping and medical appointments. The service will provide access to other transit services where residents can access recreational activities and the park and trail systems in the Denver metro.

Air Quality

Improve air quality and reduce greenhouse gas emissions.

(drawn from [2050 MVRTP priorities](#); [state greenhouse gas rulemaking](#); [federal congestion & emissions reduction performance measures](#); [Metro Vision objectives 2, 3, & 6a](#))

Examples of Project Elements: active transportation, transit, or TDM elements; vehicle operational improvements; electric vehicle supportive infrastructure; etc.

- Does this project reduce congestion?
 Yes No
- Does this project reduce vehicle miles traveled (VMT)?
 Yes No
- Does this project reduce single-occupant vehicle (SOV) travel?
 Yes No

Emissions Reduced (kg/day)	CO	NOx	VOCs	PM 10	CO ₂ e
	.341	.082	.008	.008	57.737

Use the [FHWA CMAQ Calculators](#) or a similar reasonable methodology to determine emissions reduced. Base your calculations on the year of opening. Please attach a screenshot of your work (such as the FHWA calculator showing the inputs and outputs) as part of your submittal packet.

Note: if not using the FHWA Calculators, please note your methodology in your narrative below.

Question: Describe how this project helps reduce congestion and air pollutants, including but not limited to carbon monoxide, ground-level ozone precursors, particulate matter, and greenhouse gas emissions. Please include quantitative information, including any items referenced above, in your response.

This transit service in and around the Town of Erie will contribute toward DRCOG's Board of Directors target of reducing the percentage of workers driving alone from 75% to 65% by 2040. VMTs and emissions will be reduced in result of this transit service. The service will also contribute to the Metro Vision performance measures to reduce emissions 60% from year 2010 levels. The FHWA CMAQ calculations are provided in the table above showing the reduced emissions from SOVs.

**Regional
Transit**

Expand and improve the subregion’s transit network.

(drawn from [2050 MVRTP priorities](#), [Coordinated Transit Plan](#), [RTD’s Regional Bus Rapid Transit Feasibility Study](#))

Examples of Project Elements: transit lanes, station improvements, new/expanded service, etc.

Note: For any project with transit elements, the sponsor must coordinate with RTD to ensure RTD agrees to the scope and cost. Be sure to include RTD’s concurrence in your application submittal.

Items marked with an asterisk (*) below are available in the TIP Data Tool.

- Does this project implement a portion of the regional bus rapid transit (BRT) network (as defined in the [2050 MVRTP](#))?*
 Yes No If yes, which specific corridor will this project focus on: [Click or tap here to enter text.](#)
- Does this project involve a regional transit planning corridor (as defined in the [2050 MVRTP](#))?*
 Yes No If yes, which specific corridor will this project focus on: [Click or tap here to enter text.](#)
- Does this project implement a mobility hub (as defined in the [2050 MVRTP](#))?
 Yes No
- Does this project improve connections between transit and other modes?
 Yes No If yes, please describe in your response.
- Is this project adding new or expanded transit service?
 Yes No If yes, who will operate the service: [Click or tap here to enter text.](#)
- Does this project add and/or improve transit service to or within a DRCOG-defined urban center?*
 Yes No

Question: Describe how this project improves connections to or expands the subregion’s transit system, as outlined in the [2050 MVRTP](#). Please include quantitative information, including any items referenced above, in your response.

Note that rapid transit improvements must be on the [Regional Rapid Transit System](#).

This is a new flexible transit service for the Town of Erie. The service will be supplemental by the RTD service that already exists on the JUMP route. This service will connect the community to RTD’s regional transit system, CDOT’s Bustang service and future BRT services in Boulder County. There are approximately 40,000 people in the project area based on DRCOG’s TIP data tool. They have access to few public transit choices without a multiple ride trip. Erie has a population of about 32,000 within the RTD district boundary. It has one route with 13 stops. This service will help reduce the number of vehicles on roadways and VMT, which reduces CO2 emissions as goal in the 2050 MVRTP.

There are also three urban centers as identified in DRCOG’s RTP that this transit service will connect residents to and from the service area, including future CDOT’s Bustang service.

Safety **Increase the safety for all users of the transportation system.**
 (drawn from [2050 MVRTP priorities](#), [Taking Action on Regional Vision Zero](#), [CDOT Strategic Transportation Safety Plan](#), & [federal safety performance measures](#))
 Examples of Project Elements: bike/pedestrian crossing improvements, vehicle crash countermeasures, traffic calming, etc.

Items marked with an asterisk (*) below are available in the TIP Data Tool.

- Does this project address a location on the [DRCOG High-Injury Network or Critical Corridors](#) or corridors defined in a local Vision Zero or equivalent safety plan?*
 Yes No
- Does this project implement a safety countermeasure listed in the [countermeasure glossary](#)?
 Yes No

Provide the current number of crashes involving motor vehicles, bicyclists, and pedestrians* (using the 2015-2019 period – in the TIP Data Tool, use a 0.02 mile buffer of your project) NOTE: if constructing a new facility, report crashes along closest existing alternative route		Sponsor must use industry accepted crash modification factors (CMF) or crash reduction factor (CRF) practices (e.g., CMF Clearinghouse , NCHRP Report 617 , or DiExSys methodology).
Fatal crashes	9	
Serious Injury crashes	47	
Other Injury crashes	461	
Property Damage Only crashes	1097	
Estimated reduction in crashes <u>applicable to the project scope</u> (per the five-year period used above)		Provide the methodology below:
Fatal crashes reduced	Enter Data	Uncertain on this number.
Serious Injury crashes reduced	Enter Data	
Other Injury crashes reduced	Enter Data	
Property Damage Only crashes reduced	Enter Data	

Question: Describe how this project will implement safety improvements (roadway, active transportation facility, etc.), particularly improvements in line with the recommendations in [Taking Action on Regional Vision Zero](#). Please include quantitative information, including any items referenced above, in your response. *Note that any improvements on roadways must be on the DRCOG [Regional Roadway System](#).*

The transit service will provide a safe means of transportation for a diverse range of community members in the service area. This can help reduce the number of fatal (9) and serious injury (47) crashes in the service area as vehicles are removed from roadways and reliable options are provided to people in Erie on the Weld County side. This reduction in crashes will work toward achieving a Vision Zero transportation network. The development of the mobility hubs will provide a safe location for boarding and deboarding transit service away from moving traffic. The mobility hubs will allow for riders to transfer at a safe location without having to worry about crossing a busy intersection or street.

Transit will provide alternative transportation for those who are under the influence, drowsy, or are in another condition that limits their driving capabilities. Providing a means of transportation for impaired people will reduce the number of crashes.

Freight**Maintain efficient movement of goods within and beyond the subregion.**

(drawn from [2050 MVRTP priorities](#); [Regional Multimodal Freight Plan](#); [Colorado Freight Plan](#), [federal freight reliability performance measure](#); [Metro Vision objective 14](#))

Examples of Project Elements: roadway operational improvements, etc.

Items marked with an asterisk (*) below are available in the TIP Data Tool.

- Is this project located in or impact access to a [Freight Focus Area](#)?*
 Yes No If yes, please provide the name: [Click or tap here to enter text.](#)
- If this project is located in a [Freight Focus Area](#) does it address the relevant Needs and Issues identified in the Plan (see text located within each Focus Area)?
 Yes No If yes, please describe in your response.
- Is the project located on the [Tier 1 or Tier 2 Regional Highway Freight Vision Network](#)?*
 Yes No
- Check any items from the [Inventory of Current Needs](#) which this project will address:
 Truck Crash Location Rail Crossing Safety ([eligible locations](#))
 Truck Delay Truck Reliability
Please provide the location(s) being addressed: [Northwest Metro, I-25 North](#)
- Does this project include any innovative or non-traditional freight supportive elements (i.e., curb management strategies, cargo bike supportive infrastructure, etc.)?
 Yes No If yes, please describe in your response.

Question: Describe how this project will improve the efficient movement of goods. In your response, identify those improvements identified in the [Regional Multimodal Freight Plan](#), include quantitative information, and include any items referenced above. *Note that any improvements on roadways must be on the DRCOG [Regional Roadway System](#).*

The service will reduce SOV trips on I-25, SH 7, SH 52, and US 287 that currently impeded the movement of goods on freight vehicles and overall travel times. The reduced traffic will lead to fewer emissions from delayed truck traffic. Highway delays on SH 52 will improve with the reduction in vehicular traffic (Regional Multimodal Freight Plan) as travelers chose to ride the service for short trips.

Active Transportation	Expand and enhance active transportation travel options. (drawn from 2050 MVRTP priorities ; Denver Regional Active Transportation Plan ; & Metro Vision objectives 10 & 13) Examples of Project Elements: shared use paths, sidewalks, regional trails, grade separations, etc.
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Items marked with an asterisk (*) below are available in the TIP Data Tool.

- Does this project close a gap or extend a facility on a [Regional Active Transportation Corridor](#) or locally-defined priority corridor?*
- Yes No
- Does this project improve pedestrian accessibility and connectivity in a [pedestrian focus area](#)?*
- Yes No
- Does this project improve active transportation choices in a [short trip opportunity zone](#)?*
- Yes No
- Does this project include a high-comfort bikeway (like a sidepath, shared-use path, separated bike lane, bicycle boulevard)?
- Yes No If yes, please describe in your response.

Bicycle Use

NOTE: if constructing a new facility, report bike usage along closest existing alternative route

To update the formulas below, enter your information, highlight the formulas (or Ctrl-A), and press F9. OR close and reopen the file.

1. Current Average Single Weekday Bicyclists:		0
Bicycle Use Calculations	Year of Opening	2050 Weekday Estimate
2. Enter estimated additional average weekday one-way bicycle trips on the facility after project is completed.	0	0
3. Enter number of the bicycle trips (in #2 above) that will be diverting from a different bicycling route. (Example: {#2 X 50%} or other percent, if justified on line 10 below)	0	0
4. = Initial number of new bicycle trips from project (#2 – #3)	0	0
5. Enter number of the new trips produced (from #4 above) that are replacing a trip made by another non-SOV mode (bus, carpool, vanpool, walking, etc.). (Example: {#4 X 30%} or other percent, if justified on line 10 below)	0	0
6. = Number of SOV trips reduced per day (#4 - #5)	0.00	0.00
7. Enter the value of {#6 x 2 miles} . (= the VMT reduced per day) (Values other than 2 miles must be justified by sponsor on line 10 below)	0	0
8. = Number of pounds GHG emissions reduced (#7 x 0.95 lbs.)	0.00	0.00
9. If values would be distinctly greater for weekends, describe the magnitude of difference: Click or tap here to enter text.		
10. If different values other than the suggested are used, please explain here: Click or tap here to enter text.		

Pedestrian Use

NOTE: if constructing a new facility, report pedestrian usage along closest existing alternative route

To update the formulas below, enter your information, highlight the formulas (or Ctrl-A), and press F9. OR close and reopen the file.

1. Current Average Single Weekday Pedestrians (including users of non-pedaled devices such as scooters and wheelchairs):		0
Pedestrian Use Calculations	Year of Opening	2050 Weekday Estimate
2. Enter estimated additional average weekday pedestrian one-way trips on the facility after project is completed	0	0
3. Enter number of the new pedestrian trips (in #2 above) that will be diverting from a different walking route (Example: {#2 X 50%} or other percent, if justified on line 10 below)	0	0
4. = Number of new trips from project (#2 – #3)	0	0
5. Enter number of the new trips produced (from #4 above) that are replacing a trip made by another non-SOV mode (bus, carpool, vanpool, bike, etc.). (Example: {#4 X 30%} or other percent, if justified on line 10 below)	0	0
6. = Number of SOV trips reduced per day (#4 - #5)	0.00	0.00
7. Enter the value of {#6 x .4 miles} . (= the VMT reduced per day) (Values other than .4 miles must be justified by sponsor on line 10 below)	0	0

8. = Number of pounds GHG emissions reduced (#7 x 0.95 lbs.)	0.00	0.00
9. If values would be distinctly greater for weekends, describe the magnitude of difference: NA		
10. If different values other than the suggested are used, please explain here: NA		

Question: Describe how this project helps expand the active transportation network, closes gaps, improves comfort, and/or improves connections to key destinations, particularly improvements in line with the recommendations in the [Denver Regional Active Transportation Plan](#). Please include quantitative information, including any items referenced above, in your response.

The Erie Flex Ride Start service will connect people to Erie’s off-street trail network and regional open space areas in southwest Weld County. The service will also provide first and final mile connections where there are missing gaps in southwest Weld County’s walk, bike and wheel network.

C. Project Leveraging	WEIGHT	10%
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<p>What percent of outside funding sources (non-Subregional Share funding) does this project have? <i>(number will automatically calculate based on values entered in the Funding Request table. If this has not updated, select the box to the right and click F9)</i></p>	10.0%	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">60%+ outside funding sources</td><td style="text-align: right; padding: 2px;">5 pts</td></tr> <tr><td style="padding: 2px;">50-59.9%</td><td style="text-align: right; padding: 2px;">4 pts</td></tr> <tr><td style="padding: 2px;">40-49.9%</td><td style="text-align: right; padding: 2px;">3 pts</td></tr> <tr><td style="padding: 2px;">20-39.9%</td><td style="text-align: right; padding: 2px;">2 pts</td></tr> <tr><td style="padding: 2px;">10.1-19.9%</td><td style="text-align: right; padding: 2px;">1 pt</td></tr> <tr><td style="padding: 2px;">10%.....</td><td style="text-align: right; padding: 2px;">0 pts</td></tr> </table>	60%+ outside funding sources	5 pts	50-59.9%	4 pts	40-49.9%	3 pts	20-39.9%	2 pts	10.1-19.9%	1 pt	10%.....	0 pts
60%+ outside funding sources	5 pts													
50-59.9%	4 pts													
40-49.9%	3 pts													
20-39.9%	2 pts													
10.1-19.9%	1 pt													
10%.....	0 pts													

D. Project Readiness	WEIGHT	10%
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Provide responses to the following items to demonstrate the readiness of the project. DRCOG is prioritizing those projects that have a higher likelihood to move forward in a timely manner and are less likely to experience a delay.

Section 1. Avoiding Pitfalls and Roadblocks

- a. Has a licensed engineer (CDOT, consultant, local agency, etc.) reviewed the impact the proposed project will have on utilities, railroads, ROW, historic and environmental resources, etc. and have those impacts and pitfalls been mitigated as much as possible to date before this submittal?
- Yes No N/A (for projects which do not require engineering services)
- If yes, please type in the engineer’s name below which certifies their review and that impacts have been evaluated and mitigated as much as possible before your application is submitted:
- NA
- Please describe the status to date on each, including 1) anticipated/known pitfalls/roadblocks, and 2) mitigation activities taken to date:
- Utilities: NA
 - Railroad: NA
 - Right-of-Way: NA
 - Environmental/Historic: NA
 - Other: NA
- b. Is this application for a single project phase only (i.e., design, environmental, ROW acquisition, construction only, study, bus service, equipment purchase, etc.)?
- Yes No
- If yes, are the other prerequisite phases complete? Yes No N/A
- If this project is for construction, please note the NEPA status: Choose an item.
- c. Has all required ROW been identified? Yes No N/A
- Has all required ROW already been acquired and cleared by CDOT? Yes No N/A
- d. Based on the current status provided in Project Information, question 11, do you foresee being able to execute your IGA by October 1 of your first year of funding (or if requesting first year funding, beginning discussions on your IGA as soon as possible), so you can begin your project on time?
- Yes No
- Does your agency have the appropriate staff available to work on this project? Yes No
- If yes, are they knowledgeable with the federal-aid process? Yes No N/A

e. Have other stakeholders in your project been identified and involved in project development?

Yes No N/A

If yes, who are the stakeholders?

NA

Please provide any additional details on any of the items in Section 1, if applicable.

NA

Section 2. Local Match Availability

a. Is all the local match identified in your application currently available and not contingent on any additional decisions, and if a partnering agency is also committing match, do you have a commitment letter?

Yes No

Please describe:

The matching funds have been programmed into the 2025 Town of Erie budget

b. Is all funding for this project currently identified in the sponsor agency's Capital Improvement Program (CIP)?

Yes No

Please describe:

The matching funds will be provided from the Town's operating fund.

Section 3. Public Support

a. Has the proposed project previously been through a public review process (public comment period, public hearing, etc.)?

Yes No

b. Has the public had access to translated project materials in relevant languages for the local community?

Yes No

Please describe:

The Town of Erie's Transportation Plan adopted in 2018 had an extensive public process and identified the need to implement new transit services.

c. Have any adjacent property owners to the proposed project been contacted and provided with the initial project concept?

Yes No N/A

Please provide any additional details on the items in Section 3, if applicable.

NA

Submit completed applications through the [TIP Data Hub](#) no later than 3pm on January 27, 2023.

Prior to submitting, press Ctrl+A to select all, then press F9 to update all formulas. You can then print to PDF.