

Project Name

South 100 East Street Improvement Project

Sponsoring Municipality

Mendon

Project Manager

Kirk Taylor

Project Manager Phone

435-753-3449

Project Manager Address

15 North Main, Mendon, Utah 84325

Project Information

Project Description (include location and project extent) *

South 100 East Street Improvement Project - Center Street to SR-23.

Reconstruct and rehabilitate 100 East Street from SR-23 to Center Street. Work to include pulverizing existing asphalt, re-grading and re-establishing cross-section, compaction, widening areas to city standards, raising valve lids to finished surface and placing 3-inches of HMA pavement.

Project Elements

Select all that apply

- | | |
|---|-------------------------------------|
| New road construction (or extension) | <input type="checkbox"/> |
| Road capacity project (adds travel lanes) | <input type="checkbox"/> |
| Road operational improvements (adds center turn lane or shoulder) | <input type="checkbox"/> |
| Intersection improvement project | <input type="checkbox"/> |
| Advance purchase (construction out 10 years +) of road rights-of-ways | <input type="checkbox"/> |
| Roadway maintenance project | <input checked="" type="checkbox"/> |
| Roadway safety project | <input checked="" type="checkbox"/> |

Roadway Classification (UDOT)

Basic eligibility requirements established by State Law or set by the Cache County Council of Governments

Is your project on an existing road that has been classified as an arterial or collector road by UDOT (see <http://arcg.is/XOnK0>) *

Yes

No

Roadway Classification (local plan)

Projects not part of UDOT's classification may still be eligible for COG funds if they are classified as a collector or arterial road in the local jurisdiction's transportation master plan and meet the federal functional classification guidelines. ROADWAY IMPROVEMENTS ON ROADS NOT CLASSIFIED AS COLLECTOR OR ARTERIAL ROADS (either by UDOT or on local plans) ARE NOT ELIGIBLE FOR COG FUNDS.

If your project roadway is not classified by UDOT, your project must meet all of the following requirements:

Column 1

My project will upgrade an existing road to an collector or arterial road standard or construct a new collector or arterial road (or new road segment)



My project is identified in my local jurisdiction's master plan as a collector or arterial road



My project connects to other functionally classified roads that are collector or arterial roads



My project meets the Federal Highway guidelines for a collector or arterial road (see https://www.fhwa.dot.gov/planning/processes/statewide/related/highway_functional_classifications/)



My project meets all four of the local functional classification requirements listed above. *

Yes

No

Rural Area Set-Aside

Projects located in rural areas of the county are eligible for a "set-aside" amount of COG funding (about 13% of overall funding). These funds can only go to project in rural areas.

Is your project located outside the CMPO boundary in a rural portion of Cache County (see http://cachempo.org/?attachment_id=13) *

Yes (your project is eligible for the rural set-aside amount of COG funding).

No

Consistency with Regional Transportation Plan (RTP)

Only for projects in the boundaries of the Cache Metropolitan Planning Organization (see http://cachempo.org/?attachment_id=13)

*

- My project is identified in one of the first three phases of the CMPO RTP (see <http://arcg.is/1XGeLD>)
- My project has NOT been identified in one of the first three phases of the CMPO's RTP
-

Spot Improvement Project

Projects not identified in the CMPO Regional Transportation Plan may still be eligible for COG funding if they meet the definition of a "Spot Improvement" as set by COG policy.

Type of Spot Improvement (funding capped at \$200,000 COG portion) *

- My project is an intersection improvement, location specific operational roadway improvement or a roadway safety project
- None of the Above
-

Multi-jurisdictional Projects

Does your project span multiple jurisdictions?

- Yes (must include support letters from all impacted jurisdictions)
- No
-

Phased Projects

Is your project one phase of a larger (longer term) roadway improvement project?

Yes

No

Phased Projects

Please describe the overall project (all phases)

.....

Please describe how this phase (2018) of the overall project has some level of independent utility.

.....

Project Cost

APPLICATIONS THAT RECEIVE LESS THAN THE REQUESTED COG AMOUNT WILL STILL BE REQUIRED TO PROVIDE LOCAL MATCH PROPORTIONAL TO WHAT IS INDICATED IN THIS APPLICATION.

COG Requested Amount (see <https://tinyurl.com/y7umfexb> for eligible costs)

\$200,000

Local Match Amount (must be a minimum of 7% of total project cost)

\$21,000

Total Project Cost (not including betterment's)

221000

Makeup of Local Match

Select all that apply

Cash contribution to the project (from municipal or county sources)

Engineering and/or environmental study costs

Appraised value of project specific right-of-way acquired by local jurisdiction in last 10 years (must be from non-fed, non-state funds or can not have been donated)

Project Betterments

The following elements of roadway construction are NOT eligible (some items may be used for local match) for COG fund reimbursement (these elements can be done as part of a COG funded project but will need to be handled as separate bid items and paid with non-COG funds): 1. Curb, gutter or decorative landscaping (beyond that required for soil stabilization with native seeding). 2. Right of way cost beyond that needed to accommodate the actual road cross-section (the local jurisdiction must pay the cost difference of remnant property or full property "takes"). 3. Project design or COG application development costs. 4. Utility system upgrades. 5. Roadway lighting.

Estimated cost of project betterments (not eligible for COG funds)

\$21,000

Short description of project betterments

Project Survey and Aerial Imagery, Engineering, Geotechnical Investigations, Bidding, Construction Incidentals, COG application development costs

Project Scoring (COG Member Ranking)

Each voting COG member will use the criteria described in this section to rank projects (ranked 1 to N, where "N" is the total number of projects and 1 represents the highest priority). COG staff will use the COG Members scoring key shown in Figure 3 in the approved COG Local Transportation Fund Program Manual (http://cachempo.org/?page_id=1731) to convert the COG member's project ranking to a weighted score.

When ranking a project COG member will use their own best judgment about a project's benefit by applying local knowledge and experience. However they are encouraged to use the following factors to evaluate project as part of their ranking evaluation (also required by State code).

1) Project Cost Effectiveness

RANKING CONSIDERATIONS COG MEMBERS MAY USE TO RANK YOUR PROJECT:

- *What is the overall cost of a project relative to anticipated benefits.
- *What is the local match contribution to the project?
- *Does the project include donated right-of-way?
- *Are all cost/contribution items listed for 7% local match minimum.
- *Does the project include any In-kind contributions.
- *Will the project include utility system upgrades.

Briefly Describe your Project's Cost Effectiveness

Project costs will be used to remedy extensive fatigue cracking, widen asphalt surfaces to accommodate bicycle and pedestrian traffic more safely, and conduct structural rehabilitation in spot locations; all improvements will be completed within the existing right-of-way; and, Mendon City will provide \$21,000 towards the project costs.

2) Economic Impact

RANKING CONSIDERATIONS COG MEMBERS MAY USE TO RANK YOUR PROJECT:

- *Will the project support the expansion of commercial development in close proximity?
- *Will the project include improvements to better support the movement of freight?
- *Is the project located in an area with a high concentration of employment?
- *Does the project support industrial and manufacturing development that bring wealth into Cache Valley (non-retail)?

Briefly Describe your Project's Economic Impact

- The route is the primary corridor for providing north/south access to/from Mendon Road to State Route 23; it is used by tractor-trailers, farm equipment, and recreational and competitive cyclists. This project is primarily being completed to increase pedestrian and cyclist safety, boost mobility within and through Mendon, and reduce roadway conditions that may contribute to, or amplify, accident risk.
- 100 East provides, and has been established as, the south route from Mendon Road that terminates at State Route 23. UDOT has classified the north end of 100 East as a minor arterial road distributing traffic from Mendon Road to both north-bound traffic via 400 North to SR-30 and south-bound traffic via 100 East to SR-23.
- Presently, no future commercial development is on the table; however, this route supports Slide Ridge Honey's operations. Widening and improving the road surface would remedy and facilitate some movement of freight and goods to and from Mendon Road, SR-30, and SR-23.
- There is a fabrication shop just outside Mendon City limits but it is accessed by 100 East through Mendon. We also get a number of tractor-trailers through Mendon on 100 East from the Young Ward area.
- The primary source of employment is the elementary school and Slide Ridge Honey. They are accessed via Mendon Road and 100 East, and SR-23 and 100 East.
- The fabrication shop at the north end of Mendon is also accessed by 100 East.

3) Maintenance & Operating Costs



RANKING CONSIDERATIONS COG MEMBERS MAY USE TO RANK YOUR PROJECT:

- *Does the project include any elements to reduce the cost of future operation and maintenance costs?
- *Does the project include a follow up seal coat treatment?
- *Will the project require long term city/county maintenance for adjacent remnant right-of-way?

Briefly Describe your Project's Ongoing Maintenance and Operating Cost burden

- Maintenance costs will be reduced as this project will update pavement to new and consistent condition. Mendon City currently has potholing and alligator cracking in significant areas.
- There are no extraordinary costs or savings created by this project; Mendon City will follow-up with a seal coat treatment in an effort to preserve the longevity of the improved roadway sections.
- We don't anticipate long term maintenance needs beyond routine pavement maintenance.

4) Other Consideration for Project Ranking

What other consideration would you like individual COG members to consider when ranking your project?

Briefly Describe other factors you would like the COG to consider when ranking your project

- 100 East in Mendon has the second highest ADT in the City behind only SR-23; actual traffic counts are pending a forthcoming study.
- 100 East functions a minor collector, a portion is already classified as a minor arterial on the UDOT functional classification map. Since that time an LDS Stake Center has been built, at 460 South 100 East as well as an elementary school at 125 North. Both of these become destinations for traffic and the primary route for these two traffic generators is 100 East.

Access Management

Good road access management will control the number, location and design of access points (driveways and roads) on a given road corridor. If done correctly, it helps maintain the function and safety of the roadway (see https://ops.fhwa.dot.gov/access_mgmt/what_is_accsmgmt.htm). The COG would like to see appropriate long term access management carried out on roads they prioritized for improvements using COG funds.

Access Management Status (for projects funded in excess of \$200,000)





- The sponsoring jurisdiction already has in place an access management policy or ordinance that will apply to this road
- Before the project is bid, an access management plan will be developed (and submitted for review) for the project roadway
- My project is requesting \$200,000 or less of COG funding

Project Eligibility Issue

Based on the responses you provided, it does not appear your project is eligible for COG funds (either by state code or COG policy). Please contact Jeff Gilbert at 435-755-1634 or jeff.gilbert@cachecounty.org for additional help.

File Upload

Please upload any plans, drawings, photos or other information about your project (prefer PDF format under 30 MB).

 Mendon South 100... Mendon - 90% Con... Mendon - South 10... Mendon South 100...

Complete!

PLEASE CLICK THE SUBMIT BUTTON BELOW.

AFTER YOU SUBMIT, YOU SHOULD RECEIVE AN EMAIL CONFIRMATION (ALONG WITH A COPY OF YOUR COMPLETED APPLICATION). CONTAINED IN THE EMAIL WILL BE A LINK WHERE YOU CAN RETURN TO THIS APPLICATION TO MAKE ANY CHANGES. CONTACT JEFF GILBERT jeff.gilbert@cachecounty.org 435-755-1634 IF YOU HAVE ANY QUESTIONS.

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