Completed by: Department Head Review: Joseph Puhr Dan Hartman Responsible Department: Fund: Public Works Capital Programs #6

Projec	Street Improvement Program											
Brief Description:			The Street Improvement Program is responsible for replacement of asphalt streets for the City Roadway Network									
Funding Source			Existing G	rant Funds for Project	Potential Grant Funds Identified		Funds Identified From Capital Project Fund		Funds Identified From Other Fund (Name)		No Identified Funding	
New/Additional Revenue Generated			Significant Ongoing Revenue Source		Small Ongoing Revenue Source		X One-Time Revenue Generated		No New/Additional Revenue Generated X			
Legally Mandated			Court Decision		Regulatory Requirement		Pending Legal Action		Potential Legal Action		Normal Liability X	
Public Health & Safety			Existing Severe Hazard		Existing Minor Hazard X		Potential Severe Hazard		Potential Minor Hazard		No Health or Safety Issue	
Operating Budget Impact			Decreases Operating and/or Personnel Costs		Minimal or No Impact on Operating and/or Personnel Costs X		Slight Increase to Operating and/or Personnel Costs		Significant Increase to Operating and/or Personnel Costs			
Environment and Sustainability			Enhances Environment and/or Sustainability		Benefits Environment and/or Sustainabilty		No Environmental Impact		Minor or Negative Environmental Impact		Diminishes Environment	
% Of Population Served			100% of Population Served by Project X		X Majority of Population Served		Approximately 50% of Population Served		Less than 50% of the Population Served			
Preservation of Facility			Loss of Facility Imminent without Project Completion		Additional Damage Likely without Project Completion		Project Constitutes Normal Major Maintenance X		Project Constitutes Normal Minor Maintenance		New Facility/ No Safety Issue	
Project Useful Life			20+ Years With Little/No Maintenance		20+ Years With Normal Maintenance		10-20 Years With Normal Maintenance X		5-9 Years with Normal Maintenance		1-4 Years with Normal Maintenance	
Conformity to Strategic Plans & Department Goals			Critical to accomplishing Established Plans / Goals		Assists in Accomplishing Established Plans / Goals X		Will Not Assist or Will Hinder Accomplishing Plans / Goals		Recommended by City Council		Recommened by Staff	
Recreational or Aesthetic Value			Major Value		Moderate value X		No Value		Possibly Detrimental			
Estimated Frequency of Use			Every Day X		Several Times per Week		Several Times per Month		Once per Month or Less			
			Visio	n 2030 Guidi	ing Principle	es Priority - (Choose One	Best Fit)				
X	(A) Safe and F Public Infr	Reliable astructure		(B) Economic that Impro	Vitality and C ove Quality of		enities		(C) Public Safety		(D) Other	
			Ca	tegory of Ca	pital Expen	ditures - (Ch	oose One Be	est Fit)				
Land Building Equipment Vehicle Technology X Infrastr Improvement Improvement							Infrastructure	2				
					Financial Im	pact - Expe	nses					
	Life-To- Date*	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
Project Costs		1,800,000	2,134,800	2,263,000	1,900,000	1,590,000	1,685,400	1,786,500	1,893,700	2,007,400	2,127,800	19,188,600
On-Going Maintenance												-
Total Project Costs	-	1,800,000 s from start of pr	2,134,800	2,263,000	1,900,000	1,590,000	1,685,400	1,786,500	1,893,700	2,007,400	2,127,800	19,188,600
*Life-to-date includes any actual expenditures from start of project through July 2021 and estimates for the remainder of FY 2021 Basis for Project Cost Estimate												
	Formal Propo	sal		Contractor/E				State Purchasi	ing Co-Op	Х	Staff Estimate	2
	Life-To-				Financial Im	pact - Rever	lues					
Revenue Estimate	Date*	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total -

*Life-to-date includes any actual revenue generated from start of project through July 2021 and estimates for the remainder of FY 2021

Project Name:	Street Improvement Program
Please provide details for the following: 1. Project Description 2. Justification 3. Measure of Success 4. Description of Revenue Generated (if applicable)	The City's Roadway Network consists of all the streets in the City to allow for the safe and efficient passage of automobiles and bicycles. The vast majority of that network is comprised of asphalt streets. The Street Improvement Program is responsible for the replacement of those asphalt streets. The average life of the asphalt streets is 15 years with proper maintenance. While this program and the replacement of those asphalt streets. The average life of the asphalt streets is that are replared, it will not impact the overall maintenance costs for the entire roadway network as there will always be streets that are replared, it will not impact the overall maintenance and replacement of the City roadway network would most closely fit the "Active, Connected, and Sustainable" success factor of the Strategic Action Plan. The Budget numbers were calculated by taking the total square footage of asphalt within the City, both streets and parking lots, that the Program is responsible for and dividing by the 15 year estimated lifespan for asphalt. Then assuming 12% reconstruction and 88% Mill and Overlay vor Reconstruction is shifting from previous years to a heavier percentage of Mill Overlay. Then multiplying by the costs for each project type. See below for the general procedure. Total Asphalt Pavement Area in City of Golden = 14,043,093 SF. Mill and Street network. The area to be replaced annually to maintain the street network. The specific replacement type. Those being 52.95 for reconstructions. The transact ware the multiplied by the average cost per Square foot to park of Mill and Overlay and 12% Reconstructions. The total amount of 51,707,890 rounded to 51,800,000.00 is what was requested the average cost for 53,266 SF x . 38 x 51.75 Kers 533,416 for reconstructions. The total amount of 51,707,890 rounded to 51,800,000.00 is what was requested to for 2022 which is the current bare year. The costs lited in future years are the average index of the frequent freeze thaw cycles that we experience in the odder month
Strategic Action Plan Success Factor(s):	Active, Connected and Sustainable – Affordable and Thriving - Quality Services

Describ	be how this project connects to and supports	Maintaining the foundational infrastructure is the bases where the community can grow and prosper. If our foundation fails so will all that
Strag	etic Action Plan success factor(s) identified	we have built upon it.
	above.	

	Subject to fund availability and appropriation.
List any obstacles for implementation	