

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2017-2021

Program Category:	Project Title:	15 Project #	16 Project #	17 Project #
Street Improvements	Higgins Street Bridge Improvements			S-17

Description and justification of project and funding sources:

The Montana Department of Transportation (MDT) is planning on completing major rehabilitation work to the Higgins Street Bridge. The City will need to pay for upgrades to some of its components in order for the bridge to better serve pedestrian and bicycle users. MDT doesn't pay for upgrades with the projects they complete for municipalities within Montana, so cities such as Missoula need to pay for upgrades to base MDT facilities/hardware. If the City funds the upgrades then MDT will include the powder coating with the bid.

The upgrades include bridge widening to add width to the sidewalks and bike lanes, powder coating luminaires, concrete barriers between motor vehicles and pedestrians/bicyclists, and a heating system for the sidewalks to ensure clear passage for pedestrians/bicyclists during winter months. The widened bridge deck is conceptually planned as a fiber-reinforced plastic (FRP) and is the same material as being placed on the S. Reserve Street pedestrian bridge. Luminaires would be placed on the bridge as part of MDT's work but the City would like to powder coat them so that the new poles will look similar in color to other luminaires installed in the area (RUX Trail & N. Higgins Streetscape). The concrete barriers are necessary as the pedestrian/bike sidewalk (multiuse facility) need to be separated from the motor vehicle lanes. The FRP could be plowed but the snow plowing maintenance operation consists of plowing snow to either end of the bridge and is an expensive operation. Heating the FRP would alleviate the need and expense of plowing snow while keeping the surface free of snow and ice during winter months.

Is this equipment prioritized on an equipment replacement schedule?	Yes	No	NA
			x
Is there ongoing Operating and/or Maintenance costs upon completion of project?	Yes	No	NA
			x

Are there any site requirements:

N/A

How is this project going to be funded:

REVENUE	Funding Source	Accounting Code	FY17	FY18	FY19	FY20	FY21	Funded in Prior Years
		Transportation Impact Fees URD?					1,930,000	
			-	-	-	1,930,000	-	-

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY17	FY18	FY19	FY20	FY21	Spent in Prior Years
		A. Land Cost B. Construction Cost C. Contingencies (10% of B) D. Design & Engineering (15% of B) E. Percent for Art (1% of B) F. Equipment Costs G. Other					1,930,000	
			-	-	-	1,930,000	-	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY17	FY18	FY19	FY20	FY21	Spent in Prior Years
		Personnel Supplies Purchased Services Fixed Charges Capital Outlay Debt Service					600	600
			-	-	-	600	600	-

Description of additional operating budget impact: Electrical costs of heating the sidewalk during the winter months.

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Kevin Slovarp	DS	3/25/2016	4/20/16 11:44	KJS	53

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Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

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Qualitative Analysis		Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	These upgrades leverage money spent by MDT on the transportation system in Missoula.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 3	MDT is working on scoping the design project and needs to know if the City can pay for upgrades that will be included within the bridge rehabilitation project.	4	12
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	This project adds sidewalk width, powder coating to luminaires, concrete barrier rail as a safety measure and heating sidewalk to reduce snow plowing maintenance costs.	3	6
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Expands, enhances and add safety improvements to an existing facility..	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 3	This project is included in the Long Range Transportation Plan and supports mode shift concepts.	4	12
Total Score				53

17 Project #	Project Title:
S-17	Higgins Street Bridge Improvements

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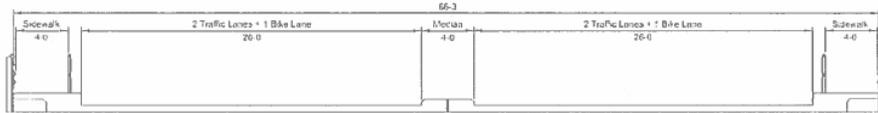
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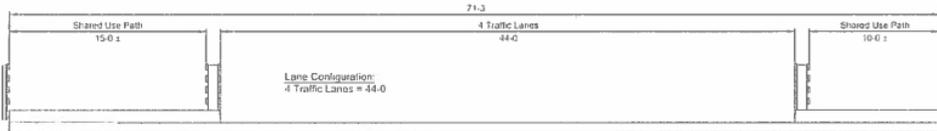
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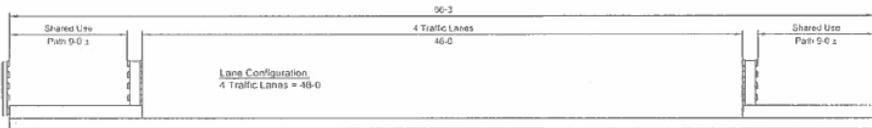
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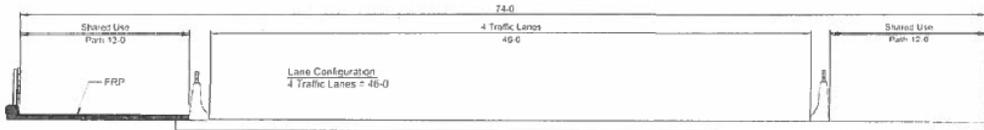
EXISTING BRIDGE CONFIGURATION



WIDENED BRIDGE CONFIGURATION FROM FIRST STAKEHOLDER MEETING



MDT PREFERRED BRIDGE CONFIGURATION PRESENTED AT 9/15/2015 MEETING



WIDENING WITH FRP SIDEWALK, 2/22/2016 MEETING