

CAPITAL IMPROVEMENT PROGRAM

City of Missoula CIP Project Request Form FY 2017-2021

Program Category:	Project Title:	15 Project #	16 Project #	17 Project #
Wastewater Facilities	Linda Vista Boulevard Interceptor STEP System Conversion	WW-07	WW-07	WW-06

Description and justification of project and funding sources:

The project consists of design and construction engineering services and construction of the Linda Vista Boulevard (LVB) sanitary sewer interceptor and includes sewer improvements at spot locations on St. Thomas Drive and April Lane. The LVB gravity interceptor, when completed in its entirety from Lower Miller Creek Road to the Jack Drive sewage lift station, will allow for the removal of the lift station from the sewage system. The design report by HDR identified the potential for future problems, which would be eliminated by the removal of the lift station. The report indicated that the Jack Drive lift station could have difficulty keeping up with influent flow during high flow periods. In addition, the lift station utilizes low head pumps that can't overcome the high head pump STEP systems in the Wapikiya, Belvue, Cold Springs, Lower Linda Vista, and Maloney Ranch common force mains. According to the design report, these factors may create a potential for sewer overflow at the lift station either in prolonged periods of high head discharge to the common force mains or power outage conditions. The project eliminates the risk for sewage overflow and saves energy, operation and maintenance expenses associated with running the lift station. This project will also remove existing community STEP tanks as it progresses south in Linda Vista Boulevard. To date, one community STEP tank has been abandoned. Initial work on this sanitary sewer interceptor has been completed with the final design and construction of 177 feet of gravity interceptor south from Lower Miller Creek Road. Additionally, the final design is almost complete and this project is essentially waiting for replacement and depreciation funding for construction. This project cannot proceed until the Old Highway 93 Interceptor project has been completed.

Is this equipment prioritized on an equipment replacement schedule?

Yes No NA

x

Are there any site requirements:

N/A

How is this project going to be funded:

Funding Source	Accounting Code	FY17	FY18	FY19	FY20	FY21	Funded in Prior Years
Sewer Construction		686,416					101,618
Streets Division In-Kind (Labor & Equip)		83,450					
		769,866	-	-	-	-	101,618

How is this project going to be spent:

Budgeted Funds	Accounting Code	FY17	FY18	FY19	FY20	FY21	Spent in Prior Years
A. Land Cost							
B. Construction Cost		666,866					34,000
C. Contingencies (10% of B)		60,000					
D. Design & Engineering (15% of B)		43,000					67,618
E. Percent for Art (1% of B)							
F. Equipment Costs							
G. Other							
		769,866	-	-	-	-	101,618

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

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

Description of additional operating budget impact:

Responsible Person:

Responsible Department:

Date Submitted to Finance

Today's Date and Time

Preparer's Initials

Total Score

Kevin Slovarp

Development Services

3/23/2016

4/19/16 15:10

AJD

40

CAPITAL IMPROVEMENT PROGRAM					
Project Rating					
(See C.I.P. Instructions For Explanation of Criteria)					
Program Category:	Project Title:			10 Project #	
Wastewater Facilities	Linda Vista Boulevard Interceptor STEP System Conversion			WW-06	
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.					
			X		
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.					
			X		
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.					
			X		
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.					
			X		
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) 2	Conversion from STEP to gravity eliminates the risk of sewer overflow and saves energy, operation and maintenance of the STEP systems and lift station.		5	10
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2	Once the Old Highway 93 Interceptor is constructed these STEP systems should be converted to eliminate the risk of sewage overflows.		4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	This project will conserve staff hours for ongoing operations and maintenance along with eliminate the risk of sewage overflows.		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	This project increases City staff's availability to provide operation and maintenance of the public sanitary sewer system.		4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	This project allows for additional development in the area to hook onto this gravity system. This project enhances our ability to treat effluent at the Wastewater Treatment Plant.		4	8
Total Score				40	

17 Project #	Project Title:
WW-06	Linda Vista Boulevard Interceptor STEP

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