

## Capital Improvement Project Plan

PS 12-04

**Project Number:**

PS 12-04

**Project Name:**

Manthey Road Bridge Replacement

**Department Responsible:**

Public Works / Jay Davidson

**Contact Number:**

209-941-7430

**Project Description:**

The project will replace the existing bridge over the San Joaquin River with a new two lane bridge wide enough to accommodate shoulders, bike lane and sidewalks. Alternate bridge locations are currently being studied. The project costs are largely funded through the FHWA Federal Highway Bridge Program (HBP). In 2013, the City was approved for tapered match which allows the City's local match portion (11.47%) to be deferred until later in the project. Currently the project is in the project approval and environmental document (PA/ED) phase. The project delivery team, comprised of City staff, WSP and ISL Engineering, is processing the environmental technical studies with Caltrans.

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**Justification:**

Built in 1926, Manthey Bridge has been identified as functionally obsolete and structurally deficient with a bridge sufficiency rating of 7.1 out of 100. As a result, funds have been allocated from the Federal Highway Administration Bridge Program (HBP) to replace the existing bridge.

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Project Components & Estimated Timeline	Critical Date	Components	Descriptions
	2014	Preliminary Engineering	Project Report, Alternate Analysis, Technical Studies & Bridge Type Selection
	2015	Environmental	Environmental Technical Studies, Coord. with Land Use EIR's & Public Outreach
	2022	Design	Land Acquisition, Utility Coordination, Preliminary PS&E
	2023	Design	Final Engineering / PS&E
	2024	Construction	Go out to Bid and Start Construction

Source of Funds	Prior & Current Year Actuals	Carry Forward FY 2019/20	2019/20 Recommended	2020/21 Recommended	2021/22 Planned	2022/23 Planned	2023/24 Planned	Total Allocations
Gas Tax Fund (2030)	471	7,529	-	-	-	-	-	8,000
CFF - W/C Lathrop Trans Fund (2320)	-	675,456	-	-	503,406	503,406	-	1,682,268
CFF - W Lathrop Regional Trans. Fund (2330)	-	372,050	-	-	503,406	503,406	303,000	1,681,862
CFF - RTIF Lathrop Local West Fund (2360)	-	675,456	-	-	503,406	503,406	-	1,682,268
Highway Bridge Program Fund (2150)	1,477,255	3,022,745	-	-	-	34,453,200	-	38,953,200
<b>Total Revenues:</b>	<b>\$ 1,477,726</b>	<b>\$ 4,753,236</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,510,218</b>	<b>\$ 35,963,418</b>	<b>\$ 303,000</b>	<b>\$ 44,007,598</b>

Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2019/20	2019/20 Recommended	2020/21 Recommended	2021/22 Planned	2022/23 Planned	2023/24 Planned	Total Allocations
Gas Tax Fund (2030)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Miscellaneous	471	7,529	-	-	-	-	-	8,000
<b>Total Gas Tax Fund (2030):</b>	<b>\$ 471</b>	<b>\$ 7,529</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,000</b>

Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2019/20	2019/20 Recommended	2020/21 Recommended	2021/22 Planned	2022/23 Planned	2023/24 Planned	Total Allocations
CFF - W/C Lathrop Trans Fund (2320)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	675,456	-	-	-	-	-	675,456
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	503,406	503,406	-	1,006,812
Miscellaneous	-	-	-	-	-	-	-	-
<b>Total CFF - W/C Lathrop Trans Fund (2320):</b>	<b>\$ -</b>	<b>\$ 675,456</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 503,406</b>	<b>\$ 503,406</b>	<b>\$ -</b>	<b>\$ 1,682,268</b>

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Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2019/20	2019/20 Recommended	2020/21 Recommended	2021/22 Planned	2022/23 Planned	2023/24 Planned	Total Allocations
CFF - W Lathrop Regional Trans. Fund (2330)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	372,050	-	-	-	-	-	372,050
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	503,406	503,406	303,000	1,309,812
Miscellaneous	-	-	-	-	-	-	-	-
<b>Total CFF - W Lathrop Reg. Trans. Fund (2330):</b>	<b>\$ -</b>	<b>\$ 372,050</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 503,406</b>	<b>\$ 503,406</b>	<b>\$ 303,000</b>	<b>\$ 1,681,862</b>
CFF - RTIF Lathrop Local West Fund (2360)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	675,456	-	-	-	-	-	675,456
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	503,406	503,406	-	1,006,812
Miscellaneous	-	-	-	-	-	-	-	-
<b>Total CFF - RTIF Lathrop Local West Fund (2360):</b>	<b>\$ -</b>	<b>\$ 675,456</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 503,406</b>	<b>\$ 503,406</b>	<b>\$ -</b>	<b>\$ 1,682,268</b>
Highway Bridge Program Fund (2150)								
Project Management	198,246	-	-	-	-	-	-	198,246
Design and Engineering	1,279,009	3,022,745	-	-	-	-	-	4,301,754
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	34,453,200	-	34,453,200
Miscellaneous	-	-	-	-	-	-	-	-
<b>Total Hwy Bridge Program Fund (2150):</b>	<b>\$ 1,477,255</b>	<b>\$ 3,022,745</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 34,453,200</b>	<b>\$ -</b>	<b>\$ 38,953,200</b>
<b>Total Expenditures:</b>	<b>\$ 1,477,726</b>	<b>\$ 4,753,236</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,510,218</b>	<b>\$ 35,963,418</b>	<b>\$ 303,000</b>	<b>\$ 44,007,598</b>