

Capital Improvement Program



BUTTE COUNTY PUBLIC WORKS
INFRASTRUCTURE MASTER PLAN
2025 ANNUAL UPDATE



Double Rainbow – Neal Road Recycling and Waste Facility

FY 2024-2025 thru 2029-30
Adopted November 12, 2024



CEAC Administrative Committee
Joshua Pack – Director of Public Works
November 20, 2024



Today's Presentation



- Background and history of CIP program development
- General CIP adoption process
- Project advertisement and delivery processes

- Link to our adopted CIP (called the Infrastructure Master Plan) on the CEAC Forum

Background



- Began working on CIP programs in 2000
- Pronounced role in CIP development with Bay Area cities – 2003 thru 2012 (Pittsburg, Livermore, Pleasanton)
- Three counties – all without well-established CIP programs:
 - Nevada County - program the result of a Grand Jury investigation
 - Calaveras - never had a program – the department struggled with credibility with the Board and stakeholders
 - Butte - two-page spreadsheet appendix at the end of facilities-based CIP with no timeline or project description. Projects had changed radically in a post-disaster environment



WHY?



- Transparency and accountability
- Aligning community goals and objectives with effective resource allocation
- Prioritizing infrastructure needs when faced with limited resources
- CYA 😊

CIP Structure and Format



- Introduction
 - Director's Message
 - Executive Summary
 - Summary of the Major Revenue Sources
 - Summary of Expenditures
 - Conclusion
- Infrastructure Project Detail Sheets
- Fiscal Pro Forma



Ord Ferry Rd Bridge at Little Chico Creek

Department: Public Works
 Division: Bridge
 Project Number: 533-3014-01
 Supervisory District: 4

Project Location:
 The project is located on Ord Ferry Road approximately 4.8 miles west of Aguas Frias Road and south of the City of Chico.

Project Description:
 The proposed new bridge will replace the existing structure on the current, existing alignment. It will be 640 feet long and carry two 12 foot traffic lanes with 8 foot shoulders for a clear roadway width of 40 feet between open metal tube bridge railing. The cast-in-place reinforced concrete slab bridge will be composed of seventeen spans arranged in two frames with an intermediate hinge. Standard approach metal beam guard railing with appropriate end treatments will be installed at all four corners of the new bridge.

Funding Breakdown by Fiscal Year

Fiscal Year	Total Project Revenues	Funding Source	Total Project Cost
Prior Years Funding	\$9,237,878	HBP/SB1	\$9,237,878
2024-2025	\$9,363,384	HBP/SB1	\$9,363,384
Total	\$18,601,262		\$18,601,262

Bridges



Current Project Phase: Planned
 Total Project Cost: \$18,601,262
 Est. Project Completion: 2025
 Project Fully Funded: Yes No

Project Justification:
 The proposed new bridge will replace the existing narrow aged structure. Elements of this project will be staged to allow for one-way controlled traffic to be maintained during construction.

Fiscal Year	HBP	SB	CMAG	HBP	SBMA	CDRS	CPWDS	ATP	CA/DS	SB1	Enterprise Fund	UP/UNDED	Total Construction Revenue
24-25	\$62,500	8,121,667	-	9,317,265	281,250	10,750,000	-	1,468,858	30,313	4,621,380	7,712,390	4	19,293,232
25-26	2,148,660	8,087,527	20,000	4,180,631	958,997	12,250,000	154,120	3,980,000	239,749	6,685,998	4,235,000	-	18,965,680
26-27	-	-	-	4,200,000	1,875,000	4,847,161	-	3,058,500	468,750	5,640,853	3,000,000	-	14,130,314
27-28	-	-	-	-	-	-	-	-	-	5,121,336	6,500,000	-	9,121,336
28-29	-	-	-	-	-	-	-	-	-	8,727,247	3,000,000	-	8,727,247
29-30	-	-	-	-	-	-	-	-	-	3,905,000	8,000,000	-	9,905,000
	2,711,160	16,209,194	20,000	17,697,896	3,116,247	27,867,161	154,120	8,647,408	779,812	47,796,812	30,987,390	-	125,157,800

SB1 Funds	FY24-25	FY25-26	FY26-27	FY27-28	FY28-29	FY29/30
Beginning Balance	792,218	4,442,729	6,152,702	6,117,718	4,817,397	5,131,691
Estimated Revenue	9,271,881	8,396,969	8,605,869	8,821,035	9,041,541	9,267,579
Total Available	9,064,109	12,838,699	14,758,571	13,938,733	13,858,918	14,399,270
Capital Improvements	(2,782,527)	(1,817,211)	(557,700)	-	-	(9,000,000)
Net Maintenance	(1,436,053)	(4,828,645)	(9,058,153)	(9,121,336)	(8,727,247)	(9,000,000)
Total Expended	(2,621,380)	(6,645,856)	(9,615,853)	(9,121,336)	(8,727,247)	(9,000,000)
SB1 Fund Balance	4,442,729	6,152,702	5,117,718	4,817,397	5,131,691	5,399,270



Timeline – Alignment with Operating Budget



- January – March – draft operating budget prepared
- July – final operating budget adopted
- August – project kick-off
- September – project detail sheets created and updated
- October – fiscal data updated and CIP package finalized
- November – BOS presentation and adoption

Board of Supervisors Presentation



- Key items in presentation:
 - Discuss revenue sources
 - Key projects delivered
 - Pavement and infrastructure preservation – funding challenges and needs
 - Discussion on Pavement Condition Index (PCI)
 - Key future projects
 - Total funding by project year
- Action items:
 - Approve the CIP
 - **Authorize the Department to advertise projects in the CIP**

Project Delivery Process - Design



- May utilize on-call professional services contracts for smaller contracts or JOC for maintenance
- Utilize Public Purchase (38 counties listed) for larger contracts
- Need to supplement processes with aggressive marketing
 - Establish clear expectations and biddable processes
 - QA/QC and constructability reviews
 - Public Purchase challenges

Project Delivery – Construction Management



- Utilize C-MIS for construction management
 - Realtime project tracking and monitoring
 - Communication and collaboration
 - Streamlined submittal, RFI, and correspondence
 - Document control
 - Streamlined Progress Pay Estimates
 - Labor compliance features
 - Auditable processes
 - Cloud-based system reduces the need for repeated data entry

Final Thoughts



- Process helps establish credibility with our elected leadership and stakeholders
- Clarifies our organization's priorities, project scope, costs, funding, and timeline
- Opportunities to weave our department's mission and vision into the process
- Ensures projects aligned with Board's expectations
- Prepared in a simple and straightforward manner

Questions and Discussion

