

Staff Report

April 9, 2024

TO: Honorable Mayor and Members of the Town Council
FROM: Merrill Buck, Town Engineer
RE: Approval of the Plans and Specifications for the Storm Drain Culvert Replacement Project #22-14, Appropriation of Funds, Approval of a Construction Budget, and Authorization to Award a Contract to The Design Build, Inc.

Recommendation

Staff is recommending that the Town Council adopt a resolution:

1. Approving the plans and specifications for the Storm Drain Culvert Replacement Project; and
2. Appropriating \$200,000 from the Drainage Fund (Fund 318) to the Storm Drain Culvert Replacement Project #22-14; and
3. Authorizing the expenditure of a construction budget with contingencies in the amount of \$800,000; and
4. Authorizing the Town Manager to execute a construction contract with The Design Build, Inc. of Sacramento, California.

Background

As part of the FY 2022-23 and FY 2023-24 Capital Improvements Program budget, the Street Culvert Crossing Reconstruction Project #22-14 was identified as one of the more significant projects to be completed out of the Drainage Fund. This proposed project consisted of the replacement of approximately two dozen locations around town where 12-inch to 24-inch diameter corrugated metal pipes were at various stages of failure as they cross under the roadway. Many of the pipes have rusted-out bottoms, which over time, if not replaced, will create sink holes in the roadway, become blocked with debris, and restrict the flow of water. This project will remove and replace these pipes with high-density polyethylene (HDPE) plastic pipe that is resistant to future corrosion.

Discussion

The plans and specifications for the Street Culvert Crossing Reconstruction Project (see website link in Attachment D) were completed and advertised for bids in January 2024. A

Notice Inviting Bids was uploaded to the Town’s website, advertised twice in the local paper, and distributed to local plan rooms. On March 21, 2024, a total of twelve (12) bids were received, as summarized below (see Attachment B for bid tabulation):

<u>Bidder</u>	<u>Bid Amount</u>
1. The Design Build, Inc.	\$ 706,036.01
2. Lamon Construction Co., Inc.	\$ 722,460.00
3. Glissman Excavating, Inc.	\$ 732,500.00
4. JPB Designs, Inc.	\$ 818,000.00
5. JD Pasquetti Engineering, LLC.	\$ 881,100.00
6. Soracco, Inc.	\$ 939,906.00
7. LaFleur5 Excavating, Inc.	\$ 969,043.00
8. Central Valley Engineering & Asphalt, Inc.	\$ 990,269.00
9. Western Engineering Contractors, Inc.	\$ 1,023,800.00
10. Caggiano General Engineering, Inc.	\$ 1,223,000.00
11. Suulutaaq, Inc.	\$ 1,578,182.00
12. North Star Construction & Engineering, Inc.	\$ 1,671,000.00
Engineer’s Estimate	\$ 750,000.00

The low bidder, The Design Build, Inc. from Sacramento, California, has 12 years of experience performing similar work. They have a current and active Class A General Contractor’s License, as required to perform the work, they are registered with the Department of Industrial Relations, and as such, they are deemed a responsible bidder under criteria defined in the California Public Contract Code.

Staff is requesting that the Town Council approve the plans and specifications, authorize a contract with The Design Build, Inc. in the amount of \$706,036.01, and authorize the expenditure of a construction budget, which consists of the construction contract amount plus construction contingencies, in the amount of \$800,000.

Work on the project is anticipated to begin by the end of April 2024, and be completed by mid-October.

CEQA Requirements

Most of the storm drain culvert locations proposed for replacement are exempt from CEQA under Section Section 15301 – Existing Facilities, and Section 15302 Replacement or Reconstruction. There are three locations which have been determined to be small tributaries that the California Department of Fish and Wildlife (CDFW) regulates as a jurisdictional creek. The Town has a routine maintenance agreement with CDFW for culvert repairs at these locations, for which the Town will submit a notification form and pay any required CDFW fees.

Financial and/or Policy Implications

As part of the FY 2022-23 and FY 2023-24 Capital Improvements Program, \$1,050,000 was budgeted for the Street Culvert Crossing Reconstruction Project #22-14. In addition to the work being recommended for award, this project had earlier phases that were already completed with expenditures amounting to approximately \$450,000 for repairs to a failed section of storm drainpipe on Arcadia Avenue, and the installation of a high priority replacement storm drain segment between Magnolia Street and Holly Street. There were also costs for design and construction management services related to these efforts.

Subtracting the \$450,000 that has already been spent on this project leaves a project budget of approximately \$600,000. To authorize the expenditure of an \$800,000 construction budget an appropriation of \$200,000 needs to be made. It is recommended that this appropriation come from the Drainage Fund (Fund 318), which has sufficient funding for the appropriation.

Attachments

- A. Resolution
- B. Bid Tabulation
- C. Location Exhibit

Available on the Town's Website

- D. Plans and Specifications:
Storm Drain Replacement Project - <https://loomis.ca.gov/closed-bids-and-rfps/>

TOWN OF LOOMIS

RESOLUTION 24 - _____

**A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF LOOMIS
APPROVING THE PLANS AND SPECIFICATIONS FOR THE STORM DRAIN CULVERT
REPLACEMENT PROJECT, APPROPRIATING \$200,000 FROM THE DRAINAGE FUND,
AUTHORIZING THE EXPENDITURE OF A CONSTRUCTION BUDGET IN THE AMOUNT OF
\$800,000, AND AUTHORIZING THE TOWN MANAGER TO EXECUTE A CONSTRUCTION
CONTRACT WITH THE DESIGN BUILD, INC. OF SACRAMENTO, CALIFORNIA**

WHEREAS, the Town Council identified the need to complete drainage improvements as part of the FY 2022-23 Capital Improvements Program, under the Street Culvert Crossing Reconstruction Project #22-14; and

WHEREAS, in accordance with procedures defined in the Public Contract Code, the Public Works Department has prepared plans, specifications and an estimate for the Street Culvert Crossing Reconstruction Project and has advertised it for bids; and

WHEREAS, on March 21, 2024, the Town received twelve (12) bids for the proposed work with The Design Build, Inc. of Sacramento, California having the lowest cost proposal in the amount of \$706,036.01; and

WHEREAS, a review of the firm's qualifications shows The Design Build to be an experienced and licensed contractor, and as such, the Town Engineer recommends that it is in the Town's best interest to award them the Street Culvert Crossing Reconstruction Project; and

WHEREAS, the base bid in the amount of \$706,036.01, along with a construction contingency of \$93,963.99, is recommended for a total construction budget of \$800,000.00; and

WHEREAS, the unspent budget in the Street Culvert Crossing Reconstruction Project is estimated at \$600,000, which is insufficient to fund the recommended construction budget; and

WHEREAS, it is recommended that \$200,000 be appropriated to the project from the Drainage Fund (Fund 318); and

WHEREAS, there are sufficient funds available in the Drainage Fund for the recommended appropriation.

NOW, THEREFORE, IT IS HEREBY RESOLVED that the Town Council of the Town of Loomis hereby:

1. Approves the plans and specifications for the Street Culvert Crossing Reconstruction Project; and
2. Appropriates \$200,000 from the Drainage Fund to the Storm Drain Culvert Replacement Project #22-14; and

3. Authorizes the expenditure of a construction budget in the amount of \$800,000; and
4. Authorizes the Town Manager to execute a construction contract with The Design Build, Inc. of Sacramento, California.

PASSED AND ADOPTED this 9th day of April 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

Mayor

ATTEST:

Deputy Town Clerk

Attachment B



Town of Loomis
3665 Taylor Road
Loomis CA 95650

Bid Tabulation
Storm Drain Culvert Replacement Project
BID DATE: 3/21/2024 @ 10:00am

Item No.	Description	Est. Quantity	Units	Engineer's Estimate	1		2		3		4		5		6	
					The Design Build Inc.		Lamon Construction Co., Inc		Glissman Excavating, Inc.		JPB Designs Inc.		JD Pasquetti Engineering, LLC		Soracco, Inc.	
					Item Price	Total Price	Item Price	Total Price	Item Price	Total Price	Item Price	Total Price	Item Price	Total Price	Item Price	Total Price
BASE BID ITEMS																
1	MOBILIZATION	1	LS		\$50,000.00	\$50,000.00	\$63,220.00	\$63,220.00	\$65,800.00	\$65,800.00	\$50,000.00	\$50,000.00	\$80,000.00	\$80,000.00	\$90,000.00	\$90,000.00
2a	WATER POLLUTION CONTROL PLAN	1	LS		\$16,500.00	\$16,500.00	\$1,020.00	\$1,020.00	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00	\$800.00	\$800.00	\$2,500.00	\$2,500.00
2b	TRENCH SHORING AND BRACING PLAN	1	LS		\$19,500.00	\$19,500.00	\$17,200.00	\$17,200.00	\$1,800.00	\$1,800.00	\$25,000.00	\$25,000.00	\$21,700.00	\$21,700.00	\$2,000.00	\$2,000.00
3	LOCATION #3 – Taylor Road	1	LS		\$50,011.00	\$50,011.00	\$40,435.00	\$40,435.00	\$51,800.00	\$51,800.00	\$40,000.00	\$40,000.00	\$48,400.00	\$48,400.00	\$53,010.00	\$53,010.00
4	LOCATION #4 – Barton Road at Gold Trail Way	1	LS		\$33,224.50	\$33,224.50	\$26,800.00	\$26,800.00	\$32,300.00	\$32,300.00	\$35,000.00	\$35,000.00	\$62,300.00	\$62,300.00	\$39,708.00	\$39,708.00
5	LOCATION #5 – Horseshoe Bar Road	1	LS		\$52,910.00	\$52,910.00	\$31,100.00	\$31,100.00	\$32,560.00	\$32,560.00	\$37,000.00	\$37,000.00	\$27,100.00	\$27,100.00	\$47,664.00	\$47,664.00
6	LOCATION #8 – 4010 Barton Road	1	LS		\$32,485.00	\$32,485.00	\$39,230.00	\$39,230.00	\$24,072.00	\$24,072.00	\$40,000.00	\$40,000.00	\$76,700.00	\$76,700.00	\$56,880.00	\$56,880.00
7	LOCATION #10 – North of 3988 Delmar Avenue	1	LS		\$22,961.67	\$22,961.67	\$23,950.00	\$23,950.00	\$61,814.00	\$61,814.00	\$25,000.00	\$25,000.00	\$23,600.00	\$23,600.00	\$34,452.00	\$34,452.00
8	LOCATION #11 – North of 3880 Delmar Avenue	1	LS		\$26,472.78	\$26,472.78	\$27,240.00	\$27,240.00	\$25,830.00	\$25,830.00	\$30,000.00	\$30,000.00	\$24,800.00	\$24,800.00	\$39,888.00	\$39,888.00
9	LOCATION #12 – North of 3772 Delmar Avenue	1	LS		\$29,412.78	\$29,412.78	\$26,850.00	\$26,850.00	\$24,750.00	\$24,750.00	\$32,000.00	\$32,000.00	\$23,000.00	\$23,000.00	\$36,000.00	\$36,000.00
10	LOCATION #13A – Laird Road South of Brace Road	1	LS		\$27,162.78	\$27,162.78	\$27,175.00	\$27,175.00	\$26,150.00	\$26,150.00	\$33,000.00	\$33,000.00	\$24,800.00	\$24,800.00	\$33,300.00	\$33,300.00
11	LOCATION #13B – 4190 Laird Road	1	LS		\$22,229.17	\$22,229.17	\$24,310.00	\$24,310.00	\$24,440.00	\$24,440.00	\$28,000.00	\$28,000.00	\$24,300.00	\$24,300.00	\$34,200.00	\$34,200.00
12	LOCATION #14 – Laird Road South of Napoleon Drive	1	LS		\$31,815.00	\$31,815.00	\$27,925.00	\$27,925.00	\$18,360.00	\$18,360.00	\$38,000.00	\$38,000.00	\$23,800.00	\$23,800.00	\$37,800.00	\$37,800.00
13	LOCATION #15A – 5130 King Road	1	LS		\$26,110.00	\$26,110.00	\$24,200.00	\$24,200.00	\$11,760.00	\$11,760.00	\$31,000.00	\$31,000.00	\$11,600.00	\$11,600.00	\$22,500.00	\$22,500.00
14	LOCATION #15B – 5143 King Road	1	LS		\$27,969.31	\$27,969.31	\$26,410.00	\$26,410.00	\$25,260.00	\$25,260.00	\$34,000.00	\$34,000.00	\$26,000.00	\$26,000.00	\$34,200.00	\$34,200.00
15	LOCATION #16 – 5945 Brace Road	1	LS		\$38,925.46	\$38,925.46	\$35,370.00	\$35,370.00	\$58,290.00	\$58,290.00	\$32,000.00	\$32,000.00	\$40,700.00	\$40,700.00	\$52,200.00	\$52,200.00
16	LOCATION #17 – Laird Road North of White Lane	1	LS		\$20,239.17	\$20,239.17	\$27,700.00	\$27,700.00	\$30,110.00	\$30,110.00	\$32,000.00	\$32,000.00	\$72,900.00	\$72,900.00	\$41,400.00	\$41,400.00
17	LOCATION #18 – 6453 Barton Road	1	LS		\$26,350.28	\$26,350.28	\$26,000.00	\$26,000.00	\$25,060.00	\$25,060.00	\$31,000.00	\$31,000.00	\$25,000.00	\$25,000.00	\$34,200.00	\$34,200.00
18	LOCATION #19 – Horseshoe Bar Rd. W. of Twin Palms Rd	1	LS		\$16,771.26	\$16,771.26	\$23,770.00	\$23,770.00	\$20,160.00	\$20,160.00	\$32,000.00	\$32,000.00	\$24,000.00	\$24,000.00	\$31,500.00	\$31,500.00
19	LOCATION #22 – Shawn Way at Taylor Road	1	LS		\$23,574.64	\$23,574.64	\$33,175.00	\$33,175.00	\$27,960.00	\$27,960.00	\$50,000.00	\$50,000.00	\$45,700.00	\$45,700.00	\$51,984.00	\$51,984.00
20	LOCATION #23 – Taylor Road at Rachel Lane	1	LS		\$47,680.00	\$47,680.00	\$44,920.00	\$44,920.00	\$37,008.00	\$37,008.00	\$55,000.00	\$55,000.00	\$36,700.00	\$36,700.00	\$48,600.00	\$48,600.00
21	LOCATION #24 – Shady Canyon Ct (Drainage Sump)	1	LS		\$7,765.00	\$7,765.00	\$29,000.00	\$29,000.00	\$18,100.00	\$18,100.00	\$25,000.00	\$25,000.00	\$28,300.00	\$28,300.00	\$34,920.00	\$34,920.00
22	LOCATION #25 – Magnolia Avenue and Oak Avenue	1	LS		\$34,305.00	\$34,305.00	\$42,370.00	\$42,370.00	\$61,080.00	\$61,080.00	\$38,000.00	\$38,000.00	\$56,800.00	\$56,800.00	\$54,000.00	\$54,000.00
23	LOCATION #26 – King Road and Alpine Lake	1	LS		\$15,411.21	\$15,411.21	\$21,110.00	\$21,110.00	\$14,276.00	\$14,276.00	\$20,000.00	\$20,000.00	\$25,600.00	\$25,600.00	\$18,000.00	\$18,000.00
24	LOCATION #27 – 5344 King Road	1	LS		\$6,250.00	\$6,250.00	\$11,980.00	\$11,980.00	\$11,260.00	\$11,260.00	\$10,000.00	\$10,000.00	\$26,500.00	\$26,500.00	\$9,000.00	\$9,000.00
TOTAL BID:					\$750,000	\$706,036.01	\$722,460.00	\$732,500.00	\$818,000.00	\$881,100.00	\$939,906.00					



Town of Loomis
3665 Taylor Road
Loomis CA 95650

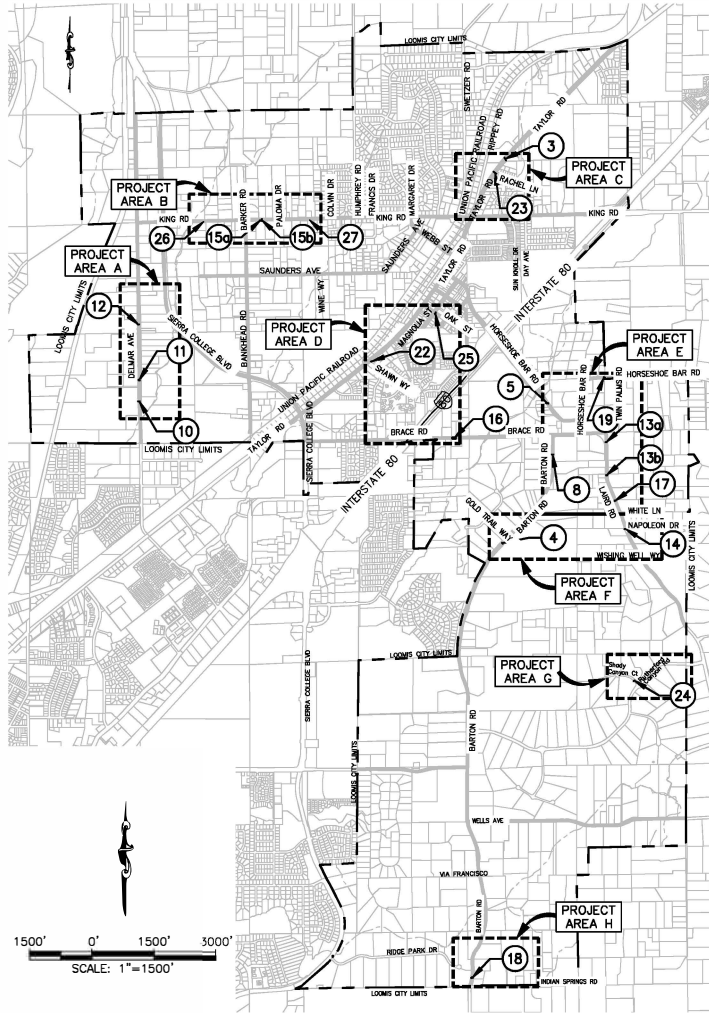
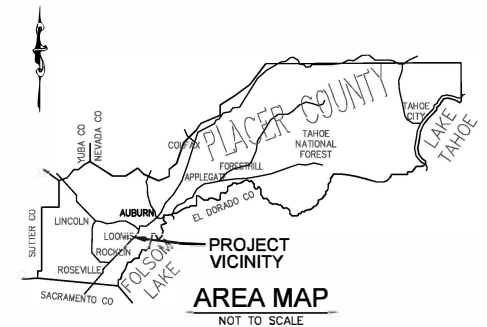
Item No.	Description	Est. Quantity	Units	7		8		9		10		11		12	
				Item Price	Total Price	Item Price	Total Price	Item Price	Total Price	Item Price	Total Price	Item Price	Total Price	Item Price	Total Price
BASE BID ITEMS															
1	MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$48,279.00	\$48,279.00	\$38,500.00	\$38,500.00	\$50,000.00	\$50,000.00	\$76,531.00	\$76,531.00	\$164,000.00	\$164,000.00
2a	WATER POLLUTION CONTROL PLAN	1	LS	\$5,725.00	\$5,725.00	\$8,000.00	\$8,000.00	\$1,700.00	\$1,700.00	\$15,000.00	\$15,000.00	\$17,158.00	\$17,158.00	\$10,000.00	\$10,000.00
2b	TRENCH SHORING AND BRACING PLAN	1	LS	\$11,450.00	\$11,450.00	\$39,000.00	\$39,000.00	\$600.00	\$600.00	\$50,000.00	\$50,000.00	\$43,481.00	\$43,481.00	\$10,000.00	\$10,000.00
3	LOCATION #3 – Taylor Road	1	LS	\$57,025.00	\$57,025.00	\$44,800.00	\$44,800.00	\$60,400.00	\$60,400.00	\$95,000.00	\$95,000.00	\$72,680.00	\$72,680.00	\$115,000.00	\$115,000.00
4	LOCATION #4 – Barton Road at Gold Trail Way	1	LS	\$46,950.00	\$46,950.00	\$32,900.00	\$32,900.00	\$67,400.00	\$67,400.00	\$52,000.00	\$52,000.00	\$53,601.00	\$53,601.00	\$65,000.00	\$65,000.00
5	LOCATION #5 – Horseshoe Bar Road	1	LS	\$44,110.00	\$44,110.00	\$46,300.00	\$46,300.00	\$52,500.00	\$52,500.00	\$52,000.00	\$52,000.00	\$69,319.00	\$69,319.00	\$52,000.00	\$52,000.00
6	LOCATION #8 – 4010 Barton Road	1	LS	\$78,823.00	\$78,823.00	\$81,900.00	\$81,900.00	\$77,400.00	\$77,400.00	\$58,000.00	\$58,000.00	\$106,838.00	\$106,838.00	\$136,000.00	\$136,000.00
7	LOCATION #10 – North of 3988 Delmar Avenue	1	LS	\$34,950.00	\$34,950.00	\$34,300.00	\$34,300.00	\$32,900.00	\$32,900.00	\$42,000.00	\$42,000.00	\$51,929.00	\$51,929.00	\$40,000.00	\$40,000.00
8	LOCATION #11 – North of 3880 Delmar Avenue	1	LS	\$41,335.00	\$41,335.00	\$35,300.00	\$35,300.00	\$37,700.00	\$37,700.00	\$48,000.00	\$48,000.00	\$60,143.00	\$60,143.00	\$42,000.00	\$42,000.00
9	LOCATION #12 – North of 3772 Delmar Avenue	1	LS	\$37,705.00	\$37,705.00	\$33,700.00	\$33,700.00	\$35,000.00	\$35,000.00	\$45,000.00	\$45,000.00	\$58,885.00	\$58,885.00	\$41,000.00	\$41,000.00
10	LOCATION #13A – Laird Road South of Brace Road	1	LS	\$38,015.00	\$38,015.00	\$33,700.00	\$33,700.00	\$35,400.00	\$35,400.00	\$45,000.00	\$45,000.00	\$60,670.00	\$60,670.00	\$41,000.00	\$41,000.00
11	LOCATION #13B – 4190 Laird Road	1	LS	\$35,290.00	\$35,290.00	\$34,300.00	\$34,300.00	\$41,100.00	\$41,100.00	\$46,000.00	\$46,000.00	\$71,165.00	\$71,165.00	\$40,000.00	\$40,000.00
12	LOCATION #14 – Laird Road South of Napoleon Drive	1	LS	\$34,820.00	\$34,820.00	\$33,500.00	\$33,500.00	\$29,000.00	\$29,000.00	\$45,000.00	\$45,000.00	\$54,910.00	\$54,910.00	\$50,000.00	\$50,000.00
13	LOCATION #15A – 5130 King Road	1	LS	\$18,385.00	\$18,385.00	\$22,600.00	\$22,600.00	\$26,500.00	\$26,500.00	\$48,000.00	\$48,000.00	\$23,031.00	\$23,031.00	\$40,000.00	\$40,000.00
14	LOCATION #15B – 5143 King Road	1	LS	\$21,680.00	\$21,680.00	\$34,800.00	\$34,800.00	\$29,900.00	\$29,900.00	\$48,000.00	\$48,000.00	\$61,591.00	\$61,591.00	\$50,000.00	\$50,000.00
15	LOCATION #16 – 5945 Brace Road	1	LS	\$71,530.00	\$71,530.00	\$79,500.00	\$79,500.00	\$56,100.00	\$56,100.00	\$65,000.00	\$65,000.00	\$111,247.00	\$111,247.00	\$135,000.00	\$135,000.00
16	LOCATION #17 – Laird Road North of White Lane	1	LS	\$50,060.00	\$50,060.00	\$32,900.00	\$32,900.00	\$84,600.00	\$84,600.00	\$56,000.00	\$56,000.00	\$77,851.00	\$77,851.00	\$85,000.00	\$85,000.00
17	LOCATION #18 – 6453 Barton Road	1	LS	\$35,920.00	\$35,920.00	\$34,200.00	\$34,200.00	\$35,300.00	\$35,300.00	\$45,000.00	\$45,000.00	\$71,917.00	\$71,917.00	\$50,000.00	\$50,000.00
18	LOCATION #19 – Horseshoe Bar Rd. W. of Twin Palms Rd	1	LS	\$34,890.00	\$34,890.00	\$30,200.00	\$30,200.00	\$26,600.00	\$26,600.00	\$42,000.00	\$42,000.00	\$70,814.00	\$70,814.00	\$40,000.00	\$40,000.00
19	LOCATION #22 – Shawn Way at Taylor Road	1	LS	\$51,290.00	\$51,290.00	\$41,700.00	\$41,700.00	\$48,700.00	\$48,700.00	\$55,000.00	\$55,000.00	\$69,970.00	\$69,970.00	\$90,000.00	\$90,000.00
20	LOCATION #23 – Taylor Road at Rachel Lane	1	LS	\$51,000.00	\$51,000.00	\$40,700.00	\$40,700.00	\$48,200.00	\$48,200.00	\$60,000.00	\$60,000.00	\$83,552.00	\$83,552.00	\$90,000.00	\$90,000.00
21	LOCATION #24 – Shady Canyon Ct (Drainage Sump)	1	LS	\$33,580.00	\$33,580.00	\$37,500.00	\$37,500.00	\$27,100.00	\$27,100.00	\$35,000.00	\$35,000.00	\$71,698.00	\$71,698.00	\$90,000.00	\$90,000.00
22	LOCATION #25 – Magnolia Avenue and Oak Avenue	1	LS	\$35,810.00	\$35,810.00	\$78,990.00	\$78,990.00	\$74,400.00	\$74,400.00	\$48,000.00	\$48,000.00	\$99,643.00	\$99,643.00	\$125,000.00	\$125,000.00
23	LOCATION #26 – King Road and Alpine Lake	1	LS	\$55,300.00	\$55,300.00	\$30,700.00	\$30,700.00	\$36,300.00	\$36,300.00	\$46,000.00	\$46,000.00	\$24,155.00	\$24,155.00	\$50,000.00	\$50,000.00
24	LOCATION #27 – 5344 King Road	1	LS	\$18,400.00	\$18,400.00	\$20,500.00	\$20,500.00	\$20,500.00	\$20,500.00	\$32,000.00	\$32,000.00	\$15,403.00	\$15,403.00	\$20,000.00	\$20,000.00
TOTAL BID:				\$969,043.00	\$990,269.00	\$1,023,800.00	\$1,223,000.00	\$1,578,182.00	\$1,671,000.00						

Attachment C

PROJECT PLANS FOR : TOWN OF LOOMIS CULVERT REPLACEMENT FEBRUARY 2024 FOR THE TOWN OF LOOMIS PLACER COUNTY, CALIFORNIA

INDEX OF SHEETS

NO.	SHEET TITLE
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3	VICINITY MAP 2
4	VICINITY MAP 3
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7	LOCATION #4 - BARTON ROAD AT GOLD TRAIL WAY
8	LOCATION #5 - HORSESHOE BAR RD
9	LOCATION #8 - 4010 BARTON RD
10	LOCATION #10 - NORTH OF 3988 DELMAR AVENUE
11	LOCATION #11 - NORTH OF 3880 DELMAR AVENUE
12	LOCATION #12 - NORTH OF 3772 DELMAR AVENUE
13	LOCATION #13A - LAIRD ROAD SOUTH OF BRACE
14	LOCATION #13B - 4190 LAIRD RD
15	LOCATION 14 - LAIRD ROAD SOUTH OF NAPOLEON DR
16	LOCATION #15A - 5130 KING ROAD
17	LOCATION #15B - 5143 KING ROAD
18	LOCATION #16 - 5945 BRACE ROAD
19	LOCATION #17 - LAIRD ROAD NORTH OF WHITE LANE
20	LOCATION #18 - 6453 BARTON ROAD
21	LOCATION #19 - HORSESHOE BAR ROAD WEST OF TWIN PALMS ROAD
22	LOCATION #22 - SHAWN WAY AT TAYLOR ROAD
23	LOCATION #23 - TAYLOR ROAD AT RACHEL LANE
24	LOCATION #24 - SHADY CANYON COURT
25	LOCATION #25 - MAGNOLIA AVENUE AND OAK AVENUE
26	LOCATION #26 - KING ROAD AND ALPINE LANE
27	LOCATION #27 - 5344 KING ROAD
28	DETAILS 1
29	DETAILS 2
30	DETAILS 3



FOR REDUCED PLANS THE ORIGINAL SCALE IS IN INCHES

Date: R:\City 30 Projects\54923 Loomis\DWG\Drawn\Reconstruction\1661\54923-Culvert.dwg Layout Name: SH-1 The Date: Aug 29, 2023 at 12:53 pm

COASTLAND | DCCM
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Laurie N. Loanza
LAURIE N. LOANZA, R.E. 65951
08/29/2023
DATE



BID SET
DATE: FEBRUARY 2024

TOWN OF LOOMIS
APPROVED DATE: 2/2/24
Merrill Buck
Merrill Buck, P.E.
TOWN ENGINEER

PROJECT NUMBER
65-4923
DRAWING DATE
AUGUST 2023
DRAWING NUMBER
1 OF 30

TOWN OF LOOMIS STORM DRAIN REPLACEMENT