

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

Date: June 21, 2021

To: Seismic Governance Committee
Richard H. Llewellyn, City Administrative Officer, Chair
Sharon M. Tso, Chief Legislative Analyst
Jennifer Pope-McDowell, Office of the Mayor

From: Shirley Lau, P.E., Principal Civil Engineer
Bridge Improvement Division
Bureau of Engineering



Subject: BRIDGE IMPROVEMENT PROGRAM TOTAL BUDGET & PROGRAM STAFFING

RECOMMENDATIONS

That the Seismic Governance Committee (SGC) approve and recommend that the City Council:

- 1) Approve a Bridge Improvement Program– Seismic Bond Total Budget (BIP Seismic Budget) of \$463 million, as the new baseline program budget; and,
- 2) Instruct Bureau of Engineering (BOE) to report back annually with a revised BIP Seismic Budget.

SUMMARY

This report forecasts the BIP Seismic Budget at \$463 million. Since the last report approved in 2020 at \$464 million, this budget represents a decrease of \$1 million as a result of two construction projects completed in FY 20-21 that did not require additional contingency funding from the Federal Highway Administration (FHWA) and Caltrans as previously anticipated. The two projects completed are: First St Viaduct/Glendale Bl and Riverside Dr Bridge near Zoo Drive.

BACKGROUND

Seismic Bond Bridge Component History

In June 1990, the voters approved Proposition G, commonly known as the Seismic Bond Reimbursement Fund No. 608. This action authorized the City to issue \$376 million in general obligation bonds to reinforce, renovate and/or replace City-owned seismically deficient bridges and buildings (C.F. 93-0038-S1). Of this funding, \$176 million was made available for bridge projects. During the 1990s, 117 of the original 118 bridges identified as needing modification were retrofitted.

Subsequently, the Federal Highway Administration (FHWA) made grants available to cities and counties across the country to replace or rehabilitate structurally deficient or functionally obsolete bridges. In December 2000, the City Council approved the creation of the current Bridge

Improvement Program (BIP), using the remaining Prop G as leverage for the new FHWA grants. The goal of the new BIP was to establish a long term program to improve seismically deficient bridges within the jurisdiction of the City. On March 26, 2019, Council approved the closeout of Fund No. 608 (C.F. 15-0411-S2). Subsequently, the remaining Fund balance was expended on various cost related to BIP projects and the CAO closed out this Fund.

This report addresses the 59 projects included in the Seismic Bond component. Since its inception, BIP has completed 35 projects and eight have been deobligated by the City Council (CF 11-1007 on June 28, 2011). There are 16 active open projects.

Budget Considerations

BOE has developed the budget to deliver these projects, taking into consideration the City resources that are the City/Local match to the federal grant funds. This financial plan addresses the program needs until FY 2025 to complete the remaining projects.

There are currently 16 active open projects (see Table One) in various project phases:

- 5 projects in the Design Phase/Right-of-Way Phase
- 1 project in the Construction Phase
- 10 projects in the Post-Construction Phase

TABLE ONE - BIP Seismic Budget Summary for Active Projects

Proj.#	Project Name/Bridge #	Project Budget	Prop G, MICLA, CIEP Budget	HBP Budget	Other Sources (Prop 1B, Prop C, Metro)
	Design Phase/Right-of-Way Phase				
1-4	Glendale-Hyperion Complex of Bridges - 1881,1882,1883,1884 (Phase 2)	\$68,733,342	\$5,391,815	\$55,174,157	\$8,167,370
5	State St/UPRR & Busway - 1930	\$18,004,084	\$2,812,633	\$15,191,451	\$0
	Construction Phase				
6	Soto St/Valley - 0011	\$23,060,625	\$3,300,545	\$15,760,080	\$4,000,000
	Post-Construction Phase/ Close out with Caltrans				
7	First St Viaduct/ Glendale S - 0045	\$15,087,732	\$1,827,554	\$12,242,964	\$1,017,213
8	First St Viaduct/LAR River & Widening Phase III	\$5,279,325	\$3,687,225	\$1,592,100	\$0

9	Laurel Canyon Blvd - 1233	\$5,077,666	\$902,108	\$3,741,559	\$434,000
10	N. Main St/LA River S - 1010	\$12,856,391	\$2,424,569	\$8,394,070	\$2,037,752
11	N. Spring St/Los Angeles River -0859	\$58,094,185	\$4,555,349	\$35,441,631	\$18,097,205
Part of 1-4	Red Car Pedestrian Bridge - Glendale-Hyperion Complex of Bridges(Phase 1)	\$4,799,888	\$3,599,888		\$1,200,000
12	Riverside Dr/Los Angeles River - 0160, 1932	\$75,816,358	\$11,144,286	\$51,092,972	\$13,579,100
13	Riverside Dr near Zoo Dr - 1298	\$18,795,980	\$2,898,175	\$15,102,819	\$794,986
14	Soto St/Mission - 0013	\$22,506,481	\$1,571,415	\$13,155,532	\$7,779,534
15	Vanowen St/Bull Creek -1361	\$3,474,557	\$584,407	\$2,890,150	\$0
	Active Projects (Projects 1-16) Total:	\$331,586,614	\$44,699,969	\$229,779,485	\$57,107,160
	Completed/Deobligated Projects Total:	\$129,994,513	\$23,188,200	\$84,467,586	\$22,338,727
	PROGRAM SUBTOTAL:	\$461,581,127	\$67,888,169	\$314,247,071	\$79,445,887
	Program Contingency (5% of Construction Costs)	\$1,153,031	\$1,000,000	\$153,031	
	PROGRAM TOTAL:	\$462,734,158	\$68,888,169	\$314,400,102	\$79,445,887

An estimated program contingency of 5% of \$23 million of construction costs (\$1.1 million) is included to address unforeseen conditions during construction and other unanticipated expenditures. The FY 2021-22 budget includes \$1 million to be allocated for BIP contingency. Any additional contingency funds needed for BIP will be requested through the HBP.

Since the FY 2020 budget report, the following two bridges have completed construction and are in the post construction phase:

- First St Viaduct/Glendale S - 0045
- Riverside Dr Bridge near Zoo Dr - 1298

Program Staffing and Reallocation

Table Two below illustrates the projected staffing needs by City Departments to complete the BIP projects. The Bureau of Contract Administration staffing allocation has been made as a dollar

amount for charging authority which totals approximately three Full Time Equivalent (FTE) positions.

Table Two- BIP Staffing Projection to Program Completion:

Fiscal Year	BIP Active Projects	BOE Positions	BPW Positions	Total	BCA FTEs Only
21/22	12	9	3	12	3
22/23	9	9	2	11	3
23/24	5	6	2	8	3
24/25	5	6	2	8	3

BOE staff projected in FY 21-22 through FY 24-25 will be needed to work on critical projects such as the Glendale Hyperion Complex of Bridges, State St/UPRR and Busway, and Soto St/Valley BI projects.

CONCLUSION

BOE will report back annually with a revised financial plan based on updated expenditures and changes to projects budgets.

- cc: Gary Lee Moore – City Engineer, BOE
- Julie Sauter - BOE
- Yolanda Chavez– CAO
- B. Hollins/ L. Chu - CAO
- M. Farfan / Matthew Shade- CLA
- S. Lau/ S. Gibson – BOE
- File: PG-1