

**City Manager's Report****February 12, 2019 City Council Meeting****Prepared By: Melissa McConnell, Associate Civil Engineer****Item#: 12.3****Subject:** Adopt a Resolution:

1. Approving Amendment No. 1 to Authorization No. 9 to the Consulting Services Agreement with Dokken Engineering for construction support savings in the amount of \$45,000 for the Western Placerville Interchanges, Phase 2 (CIP #41828); and
2. Approving Authorization No. 10 to the Consulting Services Agreement with Dokken Engineering for engineering and environmental services as a part of the Western Placerville Interchanges, Phase 2.2 Eastbound On Ramp (CIP #41918) in an amount not to exceed \$69,887; and
3. Authorizing the City Manager to execute the same.

Purpose: The Western Placerville Interchanges (WPI) – Phase 2.2 project will improve traffic operations and safety by constructing a new eastbound US Highway 50 on-ramp at Ray Lawyer Drive and minor intersection improvements to Forni Road and Ray Lawyer Drive to accommodate the new on-ramp.

Background: In January of 2018, the City submitted an application to the California Transportation Commission (CTC) for the Eastbound on-ramp at Ray Lawyer Drive as part of the overall WPI project. This component of the overall WPI Project would complete the southwest quadrant of the project at Ray Lawyer Drive and Forni Road. The funding source is from the Local Partnership Program (LPP), a competitive funding source of Senate Bill 1 (also known as the Road Repair and Accountability Act, "the gas tax"). In May of 2018, the CTC recommended, selected, and programmed \$1,070,000 of LPP funds for the construction phase of this project.

Discussion: Since the City was notified of the recommendation and programming of the LPP funds, the project team has been working on scoping the project for immediate delivery. In the original application, it was presented that the new work associated with construction of the eastbound on-ramp could be delivered via contract change order to the existing contract of WPI Phase 2, currently under construction. In the application, significant cost savings were identified about delivering this portion of the project as a contract change order. Subsequent to the LPP funding programming, the City was notified by the CTC that this project would need to be delivered as a stand-alone project. The City, along with El Dorado County Transportation Commission (EDCTC) and Caltrans as project partners, is moving forward with delivery of the standalone project. At the August 2, 2018 EDCTC meeting, the Commission programmed

\$200,000 in Highway Infrastructure Program (HIP) funds to the on-ramp project for the Preliminary Engineering phase of this project.

Prior to beginning Preliminary Engineering and the preparing Plans, Specifications, and Estimate, additional work will need to be completed for Project Approval and Environmental Documentation. First, a Supplemental Project Report (SPR) will need to be approved by Caltrans. The SPR will address the project phasing revisions associated with this project. Currently, the approved WPI project includes the on-ramp in Phase 3. The SPR will address and demonstrate to Caltrans that the construction of the eastbound on-ramp prior to Phase 3 will not cause any safety, environmental, or traffic operational impacts. The SPR will also require additional geometric design and environmental analyses for a CEQA Amendment and NEPA Revalidation. The current Phase 2 will be re-identified at a later date as Phase for the off ramp at Ray Lawyer and the developing standalone on ramp project will be identified as it's currently titled, Phase 2.2. City staff will be preparing the SPR in-house at a savings of approximately \$30,000 with all of the supporting analysis as described above provided by Dokken Engineering.

Construction is more than 50% complete for Phase 2 and the construction support budget has not been used to the level initially anticipated. At the request of the City, Dokken evaluated their current scope and fee for Authorization No. 9 providing construction support services to the project and was able to identify a \$45,000 savings to the current scope. Dokken has submitted an amendment to Authorization No. 9, revising its total from \$192,878 to \$147,878. Reducing the budget will free up funds and contract capacity that can be used towards the eastbound on ramp project, also known as Phase 2.2.

At the request of the City, Dokken prepared Authorization No. 10 for the engineering and environmental support services needed to advance the eastbound on-ramp into the PS&E phase. This scope includes environmental and design support to the City's efforts in preparing the Supplemental Project Report (SPR). Scope of work includes geometric design, traffic analysis, National Environmental Policy Act (NEPA) revalidation, California Environmental Quality Act (CEQA) amendment as part of the required documentation to support the SPR.

Cost: The net cost of the proposed Authorization No. 10 in the amount of \$69,887 less the \$45,000 Amendment No. 1 to Authorization No. 9 with Dokken Engineering totals \$24,887.

Budget Impact: At its meeting held on May 13, 2008, the City Council approved an agreement with Dokken Engineering in the amount of \$3,273,000 for the Western Placerville Interchanges project (CIP #40705).

At its regularly scheduled meeting on October 24, 2017, City Council approved Authorization No. 9 to the Consulting Services Agreement with Dokken Engineering in an amount not to exceed \$192,878 for Construction Support Engineering. Dokken Engineering recently performed an analysis of their budget for Authorization No. 9, and it was determined that construction is more than halfway complete on WPI, Phase 2. However, the construction support budget has not been used to the level anticipated. Staff recommends approval of an amendment reducing Authorization No. 9 by \$45,000 to free up funds and contract capacity to complete the new work

requested in Authorization No. 10, while still leaving enough contract budget to complete the construction support for WPI Phase 2.

Additionally, staff is recommending approval of Authorization No. 10 in an amount not to exceed \$69,887 for WPI Phase 2.2 for engineering and environmental services under the existing Consulting Services Agreement with Dokken Engineering. Approval of the Amendment to Authorization No. 9 in addition to Authorization No. 10 would bring the total not to exceed amount under all task orders for Dokken's contract to \$3,272,451, which is slightly less than the approved total contract amount of \$3,273,000.

Below is a summary of Dokken Engineering's agreement and all authorizations, including the approvals proposed under this item (shown in bold):

Authorizations	Authorized Amount	Approved Authorizations
<i>Original Agreement - May 2008</i>	<i>\$ 3,273,000</i>	
Authorization No. 1 - May 2008		\$ 940,000
Authorization No. 2 - May 2009		423,615
Authorization No. 3 - Dec. 2011		614,597
Authorization No. 4 - Feb. 2013		199,546
Authorization No. 5 - Feb. 2013		393,265
Amendment #1 to Authorization No. 5 - August 2015		214,651
Authorization No. 6 - Aug. 2015 (EDCTA Design)		209,419
Authorization No. 7 - R/W Services-October 2016		96,923
Authorization No. 8 - EID Water Facilities March 2017		61,973
Adjustment for Unused Balance for Auth. 1 thru 4		(99,303)
Authorization No. 9 - Oct. 2017		192,878
Proposed Amendment No. 1 to Authorization No. 9		(45,000)
Proposed Authorization No. 10		69,887
Authorization Total with Proposed Request	3,272,451	
Agreement Balance Remaining Available for Future Authorizations	\$ 549	

Options:

1. Approve Amendment No. 1 to Authorization No. 9 and Authorization No. 10 to the consulting services agreement with Dokken Engineering as recommended by staff.
2. Direct staff to negotiate different terms with Dokken Engineering.

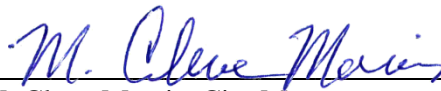
Recommendation: Adopt a Resolution:

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2. Approving Authorization No. 10 to the Consulting Services Agreement with Dokken Engineering for engineering and environmental services as a part of the Western Placerville Interchanges, Phase 2.2 Eastbound On Ramp (CIP #41918) in an amount not to exceed \$69,887; and
3. Authorizing the City Manager to execute the same.



Rebecca Neves, City Engineer



M. Cleve Morris, City Manager

Attachments:

1. Resolution