



5th Street Bridge Replacement Project January 19, 2021



Presentation By:

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5th Street Bridge Replacement Project - Background



- California Department of Fish & Wildlife Incidental Take Permit requires the Project to purchase 1.39 acres of Spring-run Chinook Salmon mitigation bank credits and **restore 0.45 acres of riparian habitat.**
- NOAA National Marine Fisheries Service Biological Opinion requires the Project to **prepare a riparian restoration plan.**

5th Street Bridge Replacement Project – Analysis



- For salmon mitigation, City’s environmental consultant, Dokken Engineering, has determined that the only approved mitigation bank is the Bullock Bend Mitigation Bank operated by Westervelt Ecological Services, LLC.
- For restoration of riparian habitat, both agencies will allow either of the following options:
 1. Purchase mitigation credits at Bullock Bend Mitigation Bank,
or
 2. Perform onsite restoration as originally planned.
- Since onsite restoration requires 5 years of maintenance and monitoring, staff recommends purchasing mitigation credits.

5th Street Bridge Replacement Project – Fiscal Impact



- The current rate for mitigation credits at the Bullock Bend Mitigation Bank is \$170,000 per acre.

<u>Impact</u>	<u>Acreage</u>	<u>Rate</u>	<u>Total</u>
Spring-run Chinook Salmon	1.39	\$170,000/acre	\$236,300
<u>Riparian vegetation</u>	<u>0.45</u>	<u>\$170,000/acre</u>	<u>\$76,500</u>
<i>Totals:</i>	<i>1.84</i>		<i>\$312,800</i>

- The Project is substantially complete.
- Significant savings in construction contingency and management costs.
- Staff recommends funding the mitigation bank payment with a portion of these savings.
- Funding consists of federal Highway Bridge Program and Regional Surface Transportation Program funds. No local funds are required.

5th Street Bridge Replacement Project – Alternatives



- Direct staff to install revegetation on-site with the understanding that it will have to be maintained and monitored for 5 years. Note, agreement with Westervelt is still required for salmon mitigation.

5th Street Bridge Replacement Project – Recommendations



- Adopt a Resolution authorizing the City Manager to execute an Agreement for Sale of Mitigation Credits with the Bullock Bend Mitigation Bank in the amount of \$312,800, subject to approval as to legal form by the City Attorney, for the purpose of complying with California Department of Fish & Wildlife and National Oceanic & Atmospheric Administration National Marine Fisheries Service requirements related to vegetation and wildlife impacts, with a finding that it is in the best interest of the City.