

# 5<sup>th</sup> Street Bridge Replacement Project January 19, 2021

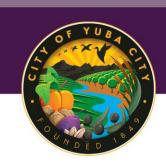


**Presentation By:** 

Diana Langley, Interim City Manager/Public Works Director

## 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 <u>restore 0.45</u>
  <u>acres of riparian habitat</u>.
- NOAA National Marine Fisheries Service
   Biological Opinion requires the Project to
   prepare a riparian restoration plan.



### 5<sup>th</sup> Street Bridge Replacement Project – Analysis

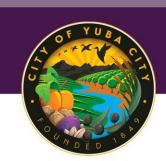
- For salmon mitigation, City's environmental consultant, Dokken Engineering, has determined that the only approved mitigation bank is the Bullock Bend Mitigation Bank operated by Westervelt Ecological Services, LLC.
- For restoration of riparian habitat, both agencies will allow either of the following 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.

### 5<sup>th</sup> Street Bridge Replacement Project – Fiscal Impact

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

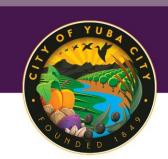
<u>Impact</u>	<u>Acreage</u>	<u>Rate</u>	<u>Total</u>
Spring-run Chinook Salmon	1.39	\$170,000/acre	\$236,300
Riparian vegetation	<u>0.45</u>	<u>\$170,000/acre</u>	\$76,500
Totals:	1.84		\$312,800

- 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.



### 5<sup>th</sup> Street Bridge Replacement Project – Alternatives

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



### 5<sup>th</sup> 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.

