

Town of Moraga

Canyon Road Bridge Replacement Project

April 14, 2021 Town Council Meeting

Project Update – Season 2 Construction



PROJECT TEAM

Shawn Knapp, PW Director / Town Engineer
Sharon Chan, Assistant Engineer



PRESENTATION OVERVIEW

- Background
- Season 1
- Season 2
- Project Budget

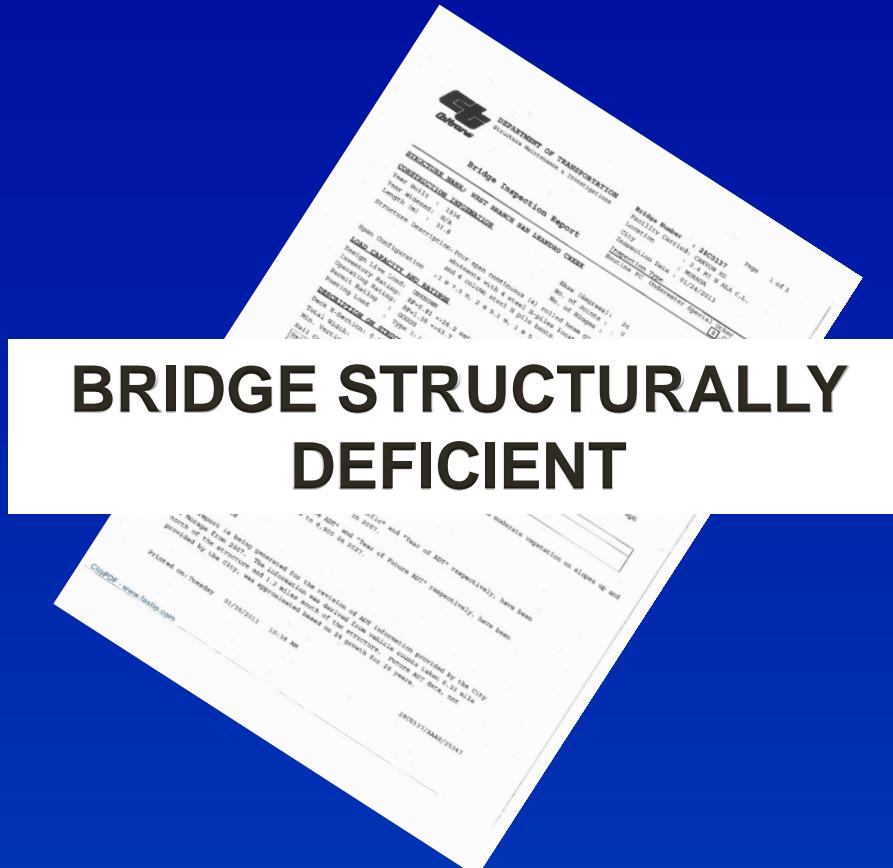


LOCATION MAP



Background

In 2012 Caltrans bi-annual inspection determined the bridge constructed in 1936 was critically deficient



BRIDGE STRUCTURALLY DEFICIENT



Background

2014

- Caltrans approved HBP grant
- Caltrans allocated funds for Environmental Studies and Initial Engineering
- CCTA approves grant funds for Bicyclist and Pedestrian Improvements
- Design Contract Awarded to NV5



Background

In 2017, Town closes bridge due to landslide damage



Background

Also in 2017, the Town constructed a temporary one-lane steel truss bridge



Background

On November 22, 2017 the temporary one-lane bridge was opened to traffic



Background

2018

- Staff works with Caltrans HBP HQ managers to unlock HBP funds due to funding shortfall
- Caltrans authorized purchase of ROW and TCE

2019

- Contract awarded for Tree Removal Project
- Caltrans authorized Town to Proceed with Construction



Background

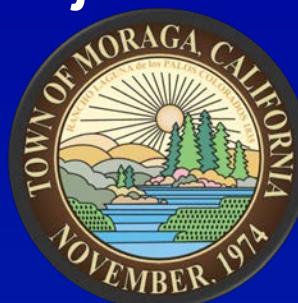
2020

- Tree removal project completed
- Bridge Replacement Construction Awarded
- Begin Environmental Sensitive Species Monitoring



Season 1 Construction

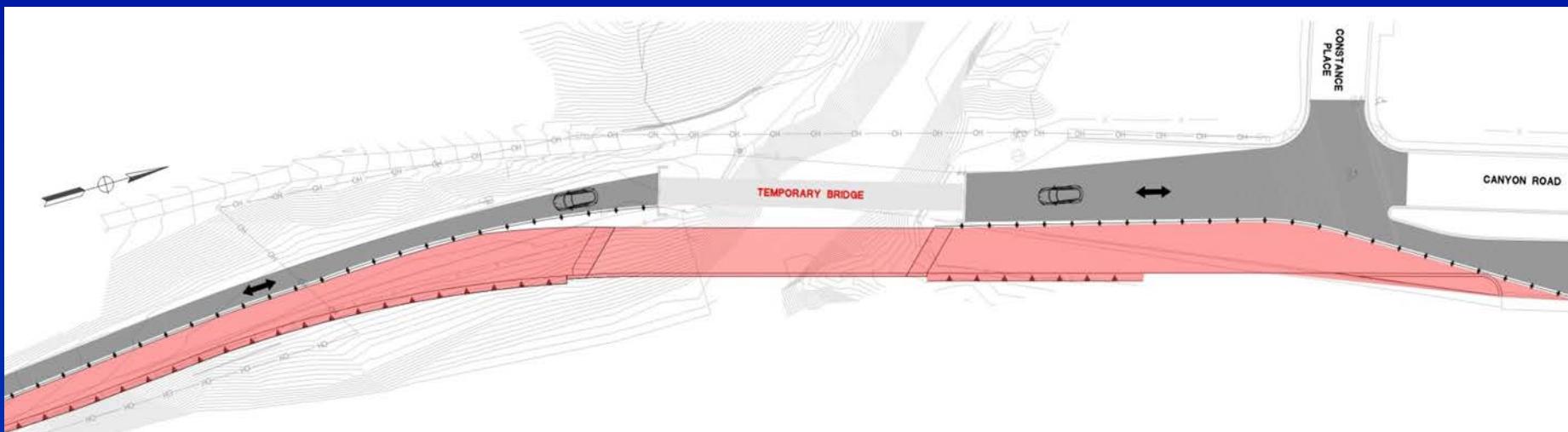
Project Team



Season 1 Construction

2020

- April – Start Construction of Phase 1 (Northbound lanes and approaches in red)



Season 1 Construction

2020

- November
 - Phase 1 Soft Opening
 - Temporary Bridge Removal
 - Winter Suspension



Season 2 Construction

2021

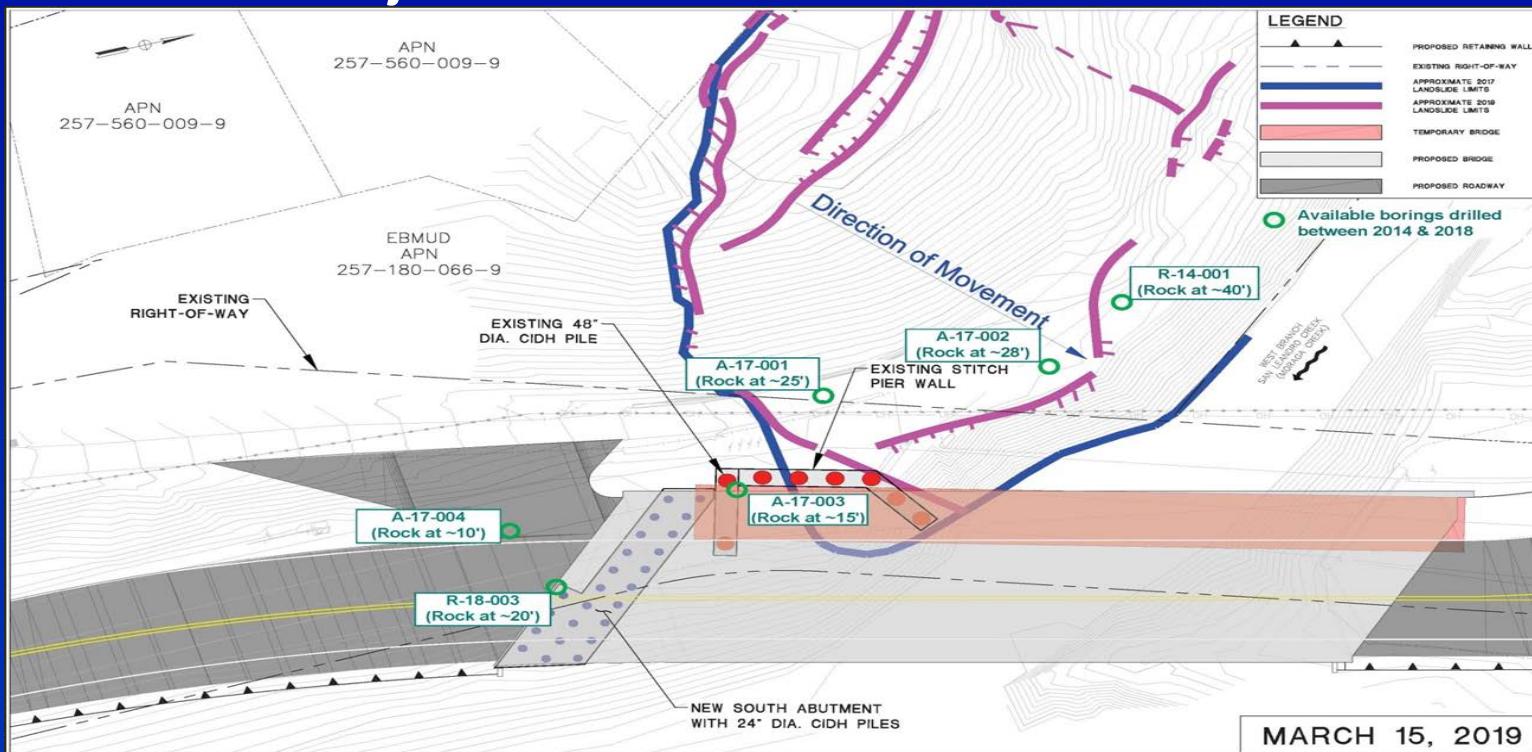
- April – Start Construction of Phase 2 (southbound lanes and approaches in red)
- Expected completion in November



Season 2 Construction

2021

- Season 1 – EBMUD Creek Flood and Erosion Control Project



Season 2 Construction

2021/22

- Separate Site Restoration and Landscaping Project



Current Grant Project Funding

| | Budgeted Project Cost | HBP Approved Cost (3/12/21) | Grant Funding Amount* | Town Contribution ** |
|-----------------------|-----------------------|-----------------------------|-----------------------|----------------------|
| Administration | \$410,000 | \$243,322 | \$215,412 | \$27,910 |
| PE | \$1,545,000 | \$1,773,678 | \$1,646,679 | \$126,999 |
| Right-of-Way | \$225,000 | \$276,000 | \$244,343 | \$31,657 |
| Construction | \$7,467,000 | \$7,255,000 | \$6,784,851 | \$470,149 |
| Const. Eng. | \$1,475,000 | \$1,663,750 | \$1,472,918 | \$190,832 |
| Contingency | \$747,000 | \$725,500 | \$642,285 | \$83,215 |
| Total | \$11,869,000 | \$11,937,250 | \$11,006,488 | \$930,762 |

*There are two sources of grant funding: Highway Bridge Program (HBP) funding (\$10,568,047) and CCTA Measure J-Major Streets funding (\$76,442 for design and \$362,000 for construction). **Currently Budgeting \$780,000 from Town's Measure J (Return to Source) funds for Town contribution.



Questions

