

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**



Caltrans DEPARTMENT OF TRANSPORTATION
Division 5 - Inspection

Bridge Inspection Report

SECTION 50000 - BRIDGE

CONSTRUCTION INFORMATION

Year Built: 1936

Length (ft): 114

Approach Description: Four span concrete bridge with 1 span of 114 ft and 3 spans of 2 x 50 ft, 1 x 50 ft, 1 x 50 ft, 1 x 50 ft.

Span Configuration: 114 ft, 50 ft, 50 ft, 50 ft, 50 ft

Span Material: Concrete

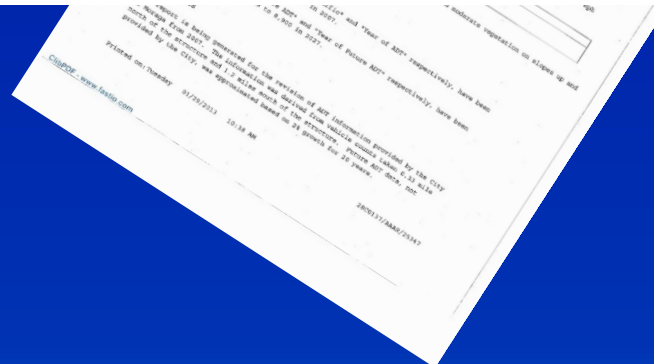
Span Condition: Poor

Span Rating: 1

Span Notes: The bridge is in poor condition due to the deterioration of the concrete and the steel reinforcement. The bridge is structurally deficient and requires immediate repair.

Inspector: [Signature]

Date: 11/14/2012



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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

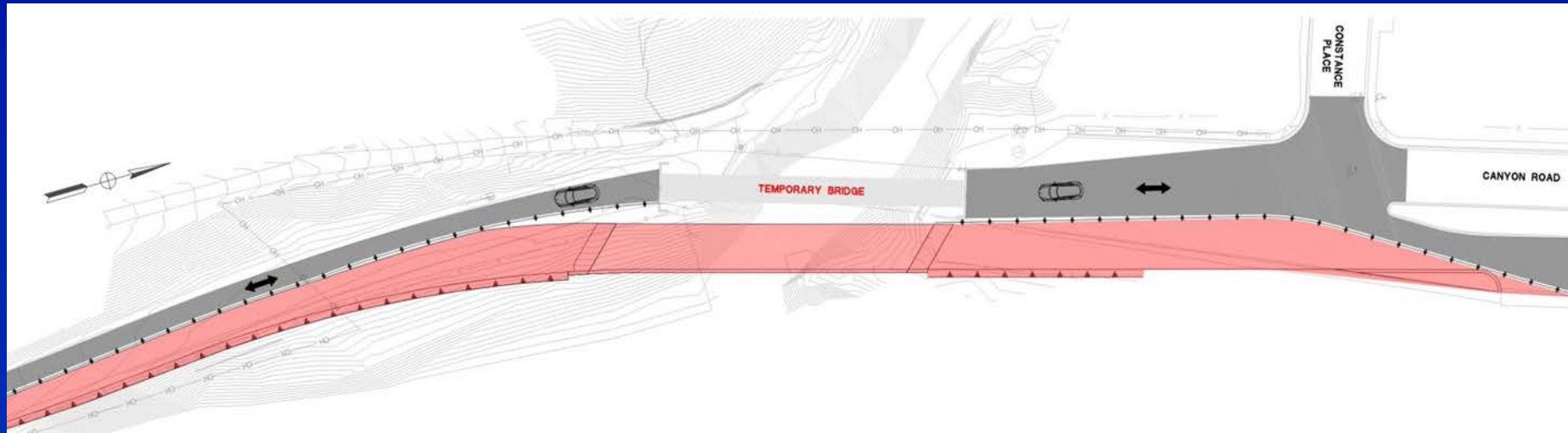
Project Team



Season 1 Construction

2020

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



Season 1 Construction

2020

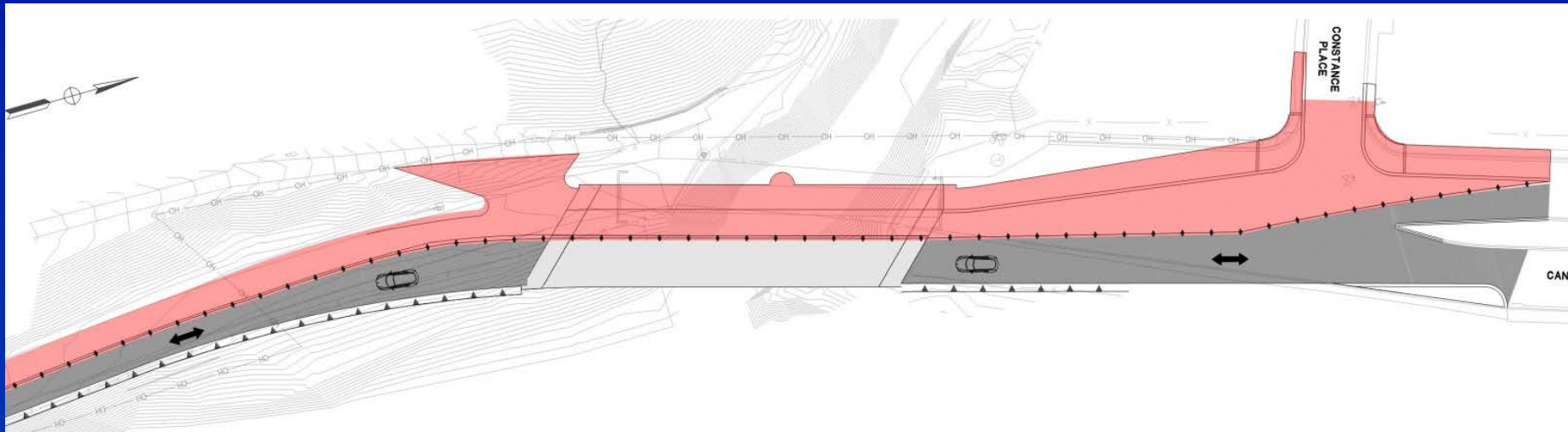
- November
 - Phase 1 Soft Opening
 - Temporary Bridge Removal
 - Winter Suspension



Season 2 Construction

2021

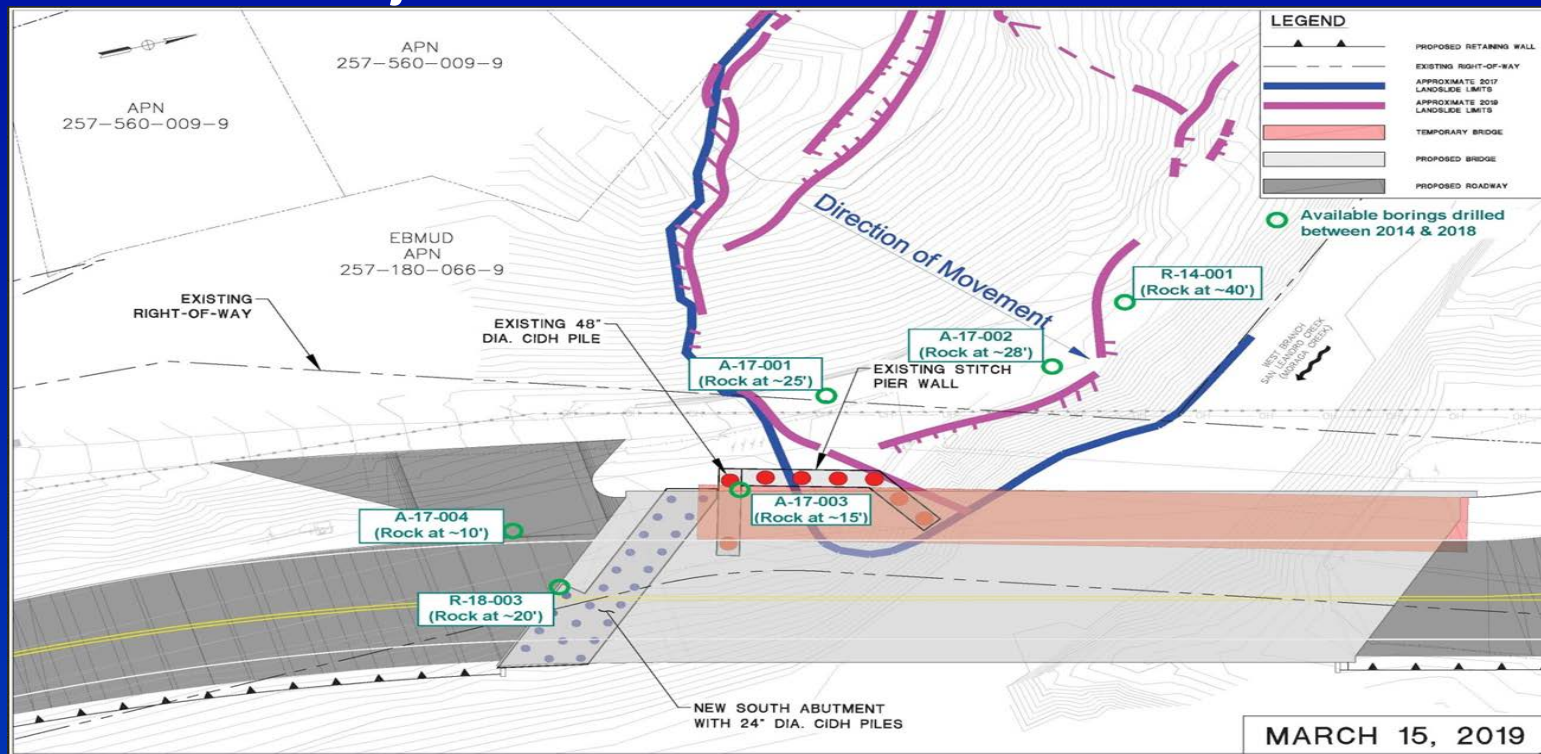
- April – Start Construction of Phase 2 (southbound lanes and approaches in red)
- Expected completion in November



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

