Historical Context

- 1917 – Concrete arch bridge constructed.
- 2003/2004 – Concrete arch bridge deteriorated and was replaced with steel bridge (Pedestrian use only).
- 2018/2019 - Grant applications submitted: Active Transportation Program (Denied); CalOES HazMat Program (Denied); Department of Boating and Waterways (Considered – Not Funded).
- 7/2020 – Condition assessment of steel bridge (by Structural Eng.). **Recommendation**: Immediate closure of bridge.
- 7/2020 – Closed Pedestrian Bridge.
Mirada Rd Pedestrian Bridge
(2 of 8, Existing Condition. Pics by County & Cornerstone Structural Engineers)
Mirada Rd Pedestrian Bridge
(3 of 8, Existing Condition. Pics by County & Cornerstone Structural Engineers)
Mirada Rd Pedestrian Bridge
(5 of 8, Proposed Pedestrian Detour on SR-1)
Mirada Rd Pedestrian Bridge
(6 of 8, Proposed Pedestrian Detour on SR-1)
Project Status

1. Design:
   a) 4 bridge options were evaluated: 1) single span steel with protective coatings; 2) concrete double span; 3) aluminum double-span; 4) aluminum single-span.
   b) Aluminum single-span was selected because of: 1) Light weight, 2) resistance to corrosion, 3) little to no maintenance required, 4) does not need mid-span pier support.
   c) Completed 65% design, June 2020.
   d) Permits submitted to regulatory agencies, June 2020.
   e) Anticipated 100% design by Dec 2020.

2. Construction:
   a) April 2021 (permits dependent).
   b) 120 working days (est.) (bridge fabrication may extend construction window).
Mirada Rd Pedestrian Bridge
(8 of 8, New Pedestrian Bridge – 110’ Single Span x 10’ wide, Aluminum Bridge)