

## Falsework

- **Removal specification**
- Specification for stability
- Removal in spans adjacent to hinges
- Cross bracing loads
- Relationships
- Manual revisions
- Hole size for winches
- Pedestrian protective covers

## Falsework removal

- Falsework presents a potential restriction on the movement of goods and the routing of permit loads
- High load hits drop falsework
- Occasionally falsework is reloaded from deflecting structure causing collapse

## Falsework removal

- **Add the following after the 14<sup>th</sup> paragraph of section 48-2.03D:**
- **Falsework at traffic openings will be removed within 60 days after release except when the elevation of the lowest member spanning the roadway remains above the elevation of the lowest member of the adjacent permanent structure.**

## Falsework stability

- Do you need a specification that requires additional stability during jacking?
- 48-2.01D(3)(a) General - Temporary bracing must be designed to withstand all imposed loads during erection, construction and removal of any falsework.
- 48-2.03A General - Install Temporary bracing as necessary to withstand all imposed loads during erection, construction and removal of any falsework.

## Falsework removal in adjacent spans

- Falsework in spans adjacent to the short side of hinges
- Caltrans is discussing this internally

## Falsework cross-bracing of stringers

- Following AISC methodology, design load for the brace will be the maximum between braces rather than the load at the brace location

## Falsework – cordial relationships

- Encourage communication
- Encourage partnering
- Encourage the use of the dispute resolution process for the project

## Falsework – Manual revisions

- Chapters 3 and 4 shared with the Caltrans / Industry Falsework Advisory Team
- Comments received
- Attempting to add clarity

## Falsework – Winches

- Holes specified may not be large enough
- Revising guidance to allow larger holes
- Ultimate is to change the specification

## Falsework – Pedestrian protective cover

- Specification requires  $\frac{3}{4}$ " plywood
- Revising guidance to allow 2  $\frac{5}{8}$ " sheets instead
- Ultimate is to change the specification