



# AMERICAN RIVER BRIDGE

REHABILITATION PROJECT | CMGC SERVICES



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# Agenda

Project Overview

BIM Modeling

Girder Erection / Anchor Bolts



# Project Overview



American River Bridge  
2022 – Substructure



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# American River Bridge

2023 – Superstructure



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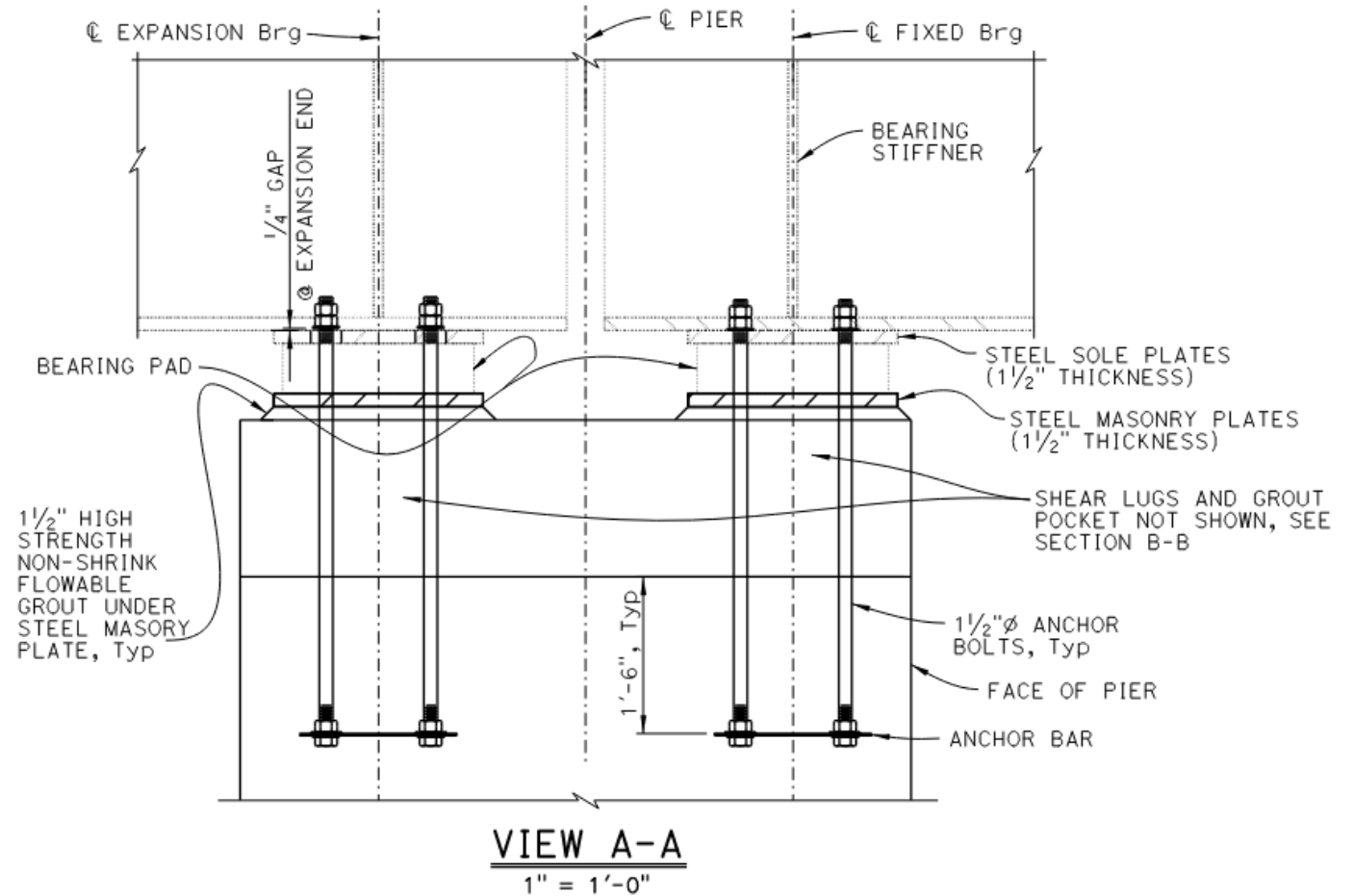
## American River Bridge 2023 – Superstructure

# Anchor Bolts



# Anchor Bolts

- Anchor Bolts must be cast into pier cap per design
- Girders fabricated offsite
- Sole plates welded at fabrication facility
- 3/8" tolerance required

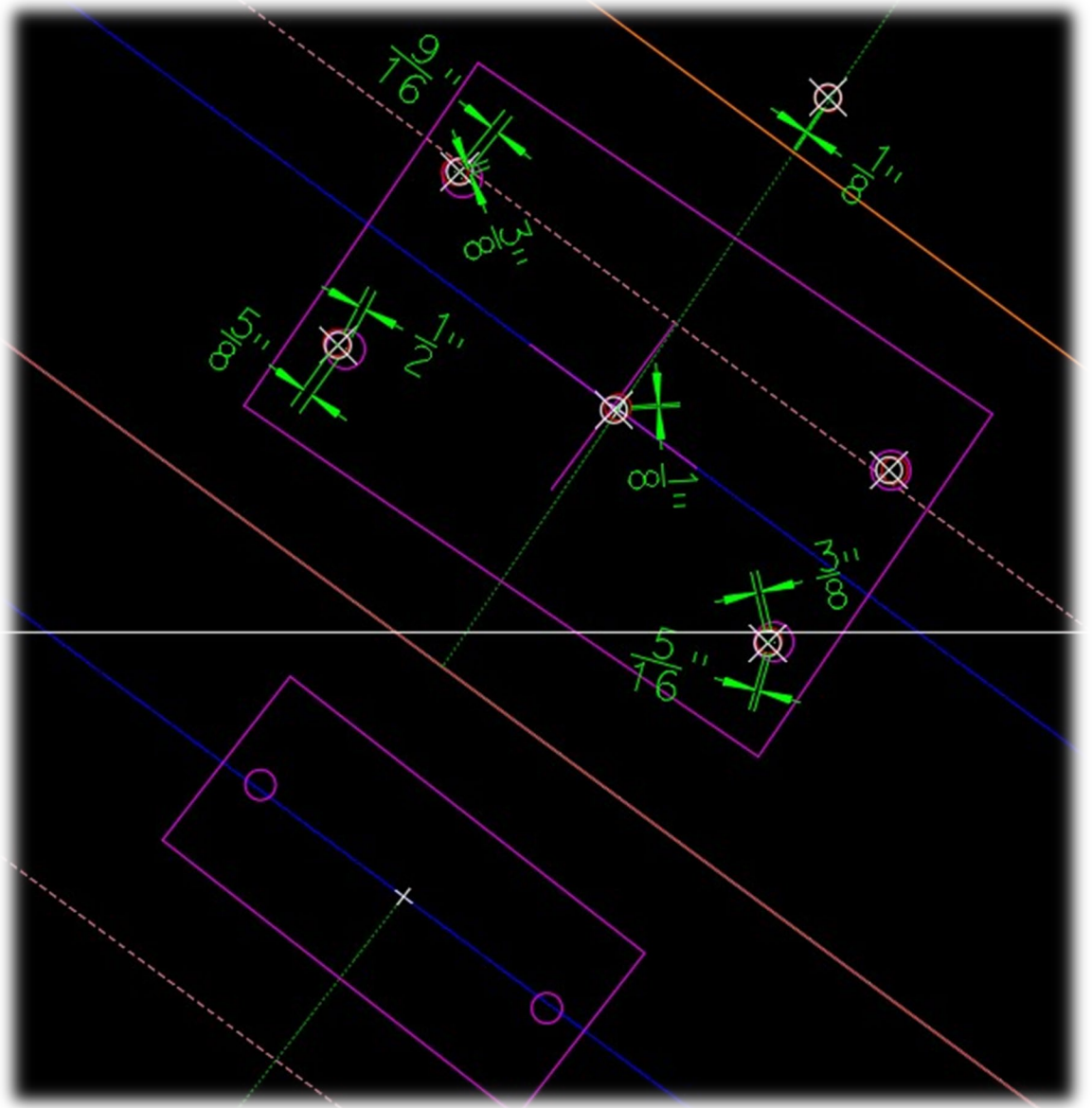
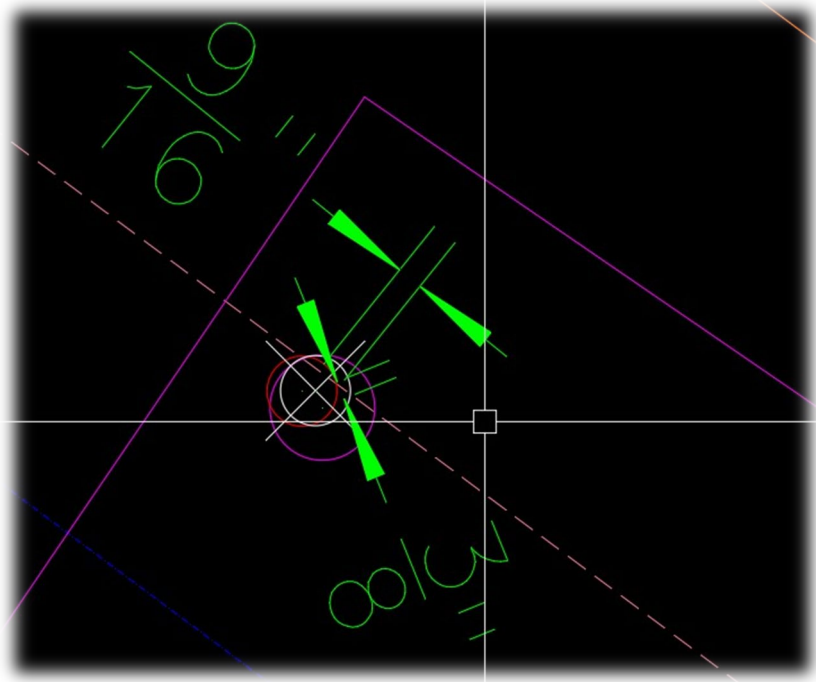




# Anchor Bolts



# Anchor Bolts



# Anchor Bolts

- Rigid and adjustable template
- Different skew per girder per span



THANK YOU

