



THE SAN FRANCISCO-OAKLAND  
**BAY BRIDGE**  
SEISMIC SAFETY PROJECT

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION



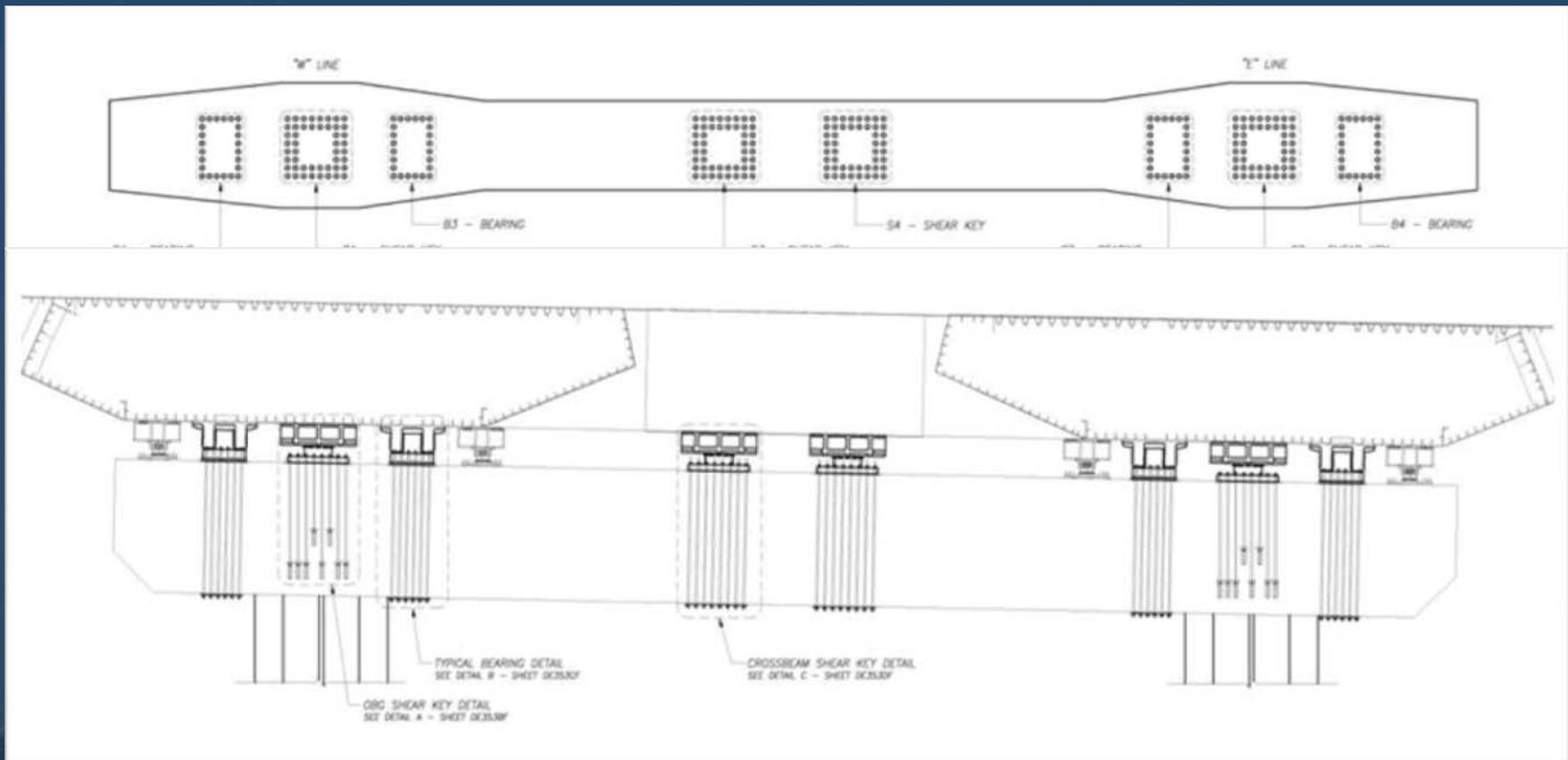
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**Bearings and shear keys are secured to E2 by 3 inch diameter anchor rods, ranging from 9 feet to 24 feet in length**

**Each bearing has 24 anchor rods and each shear key has 48 anchor rods for a total of 288 anchor rods**





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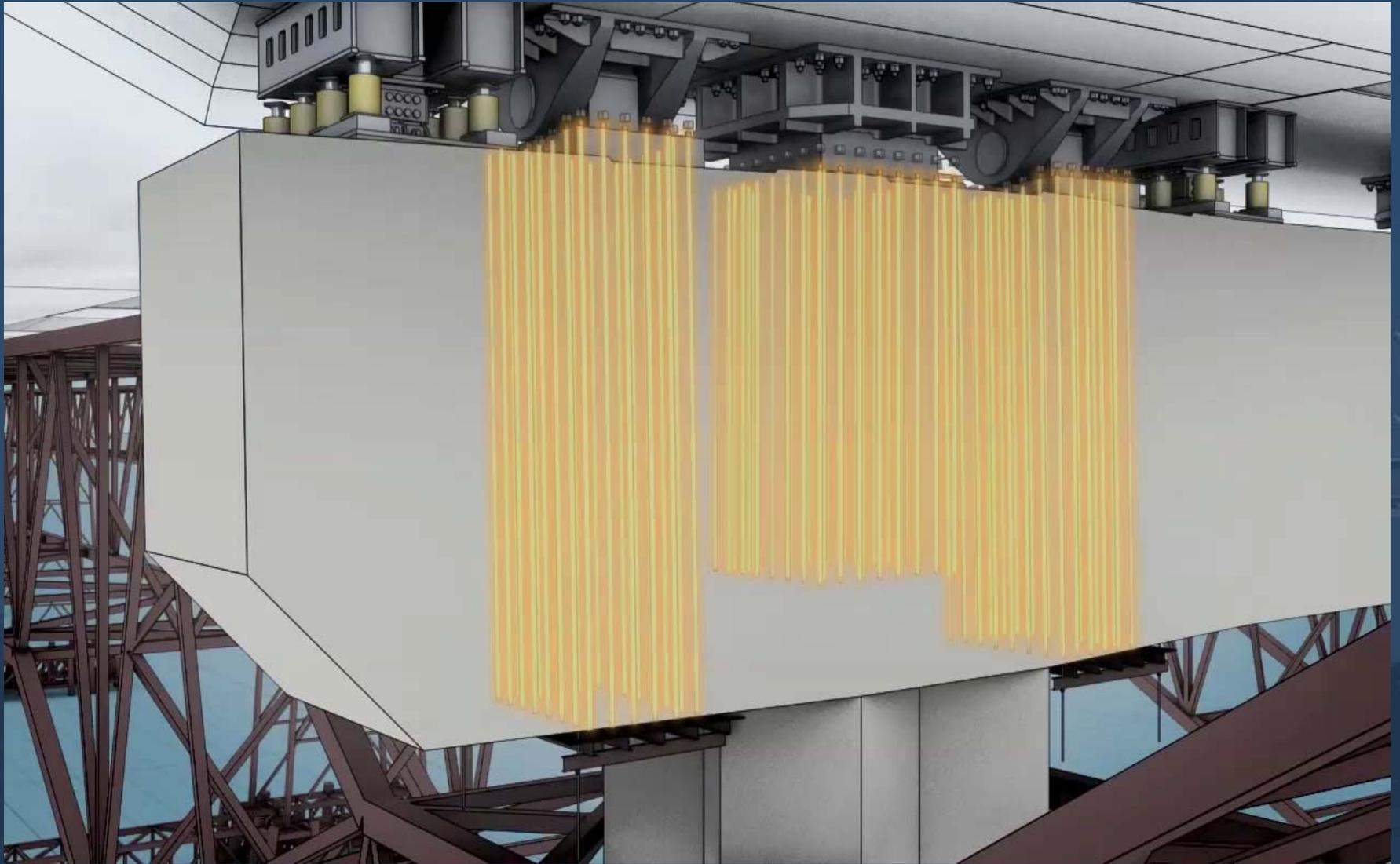
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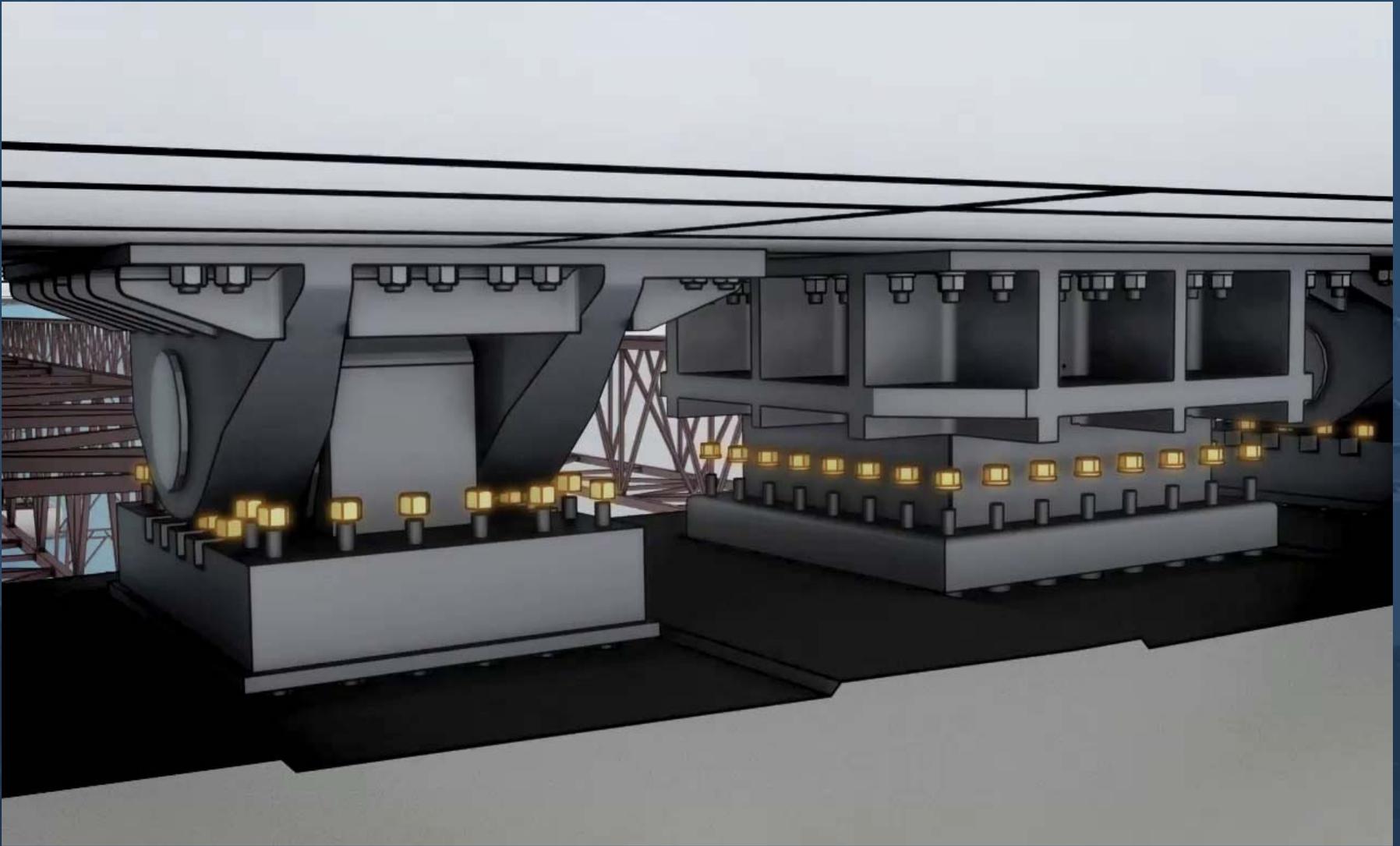
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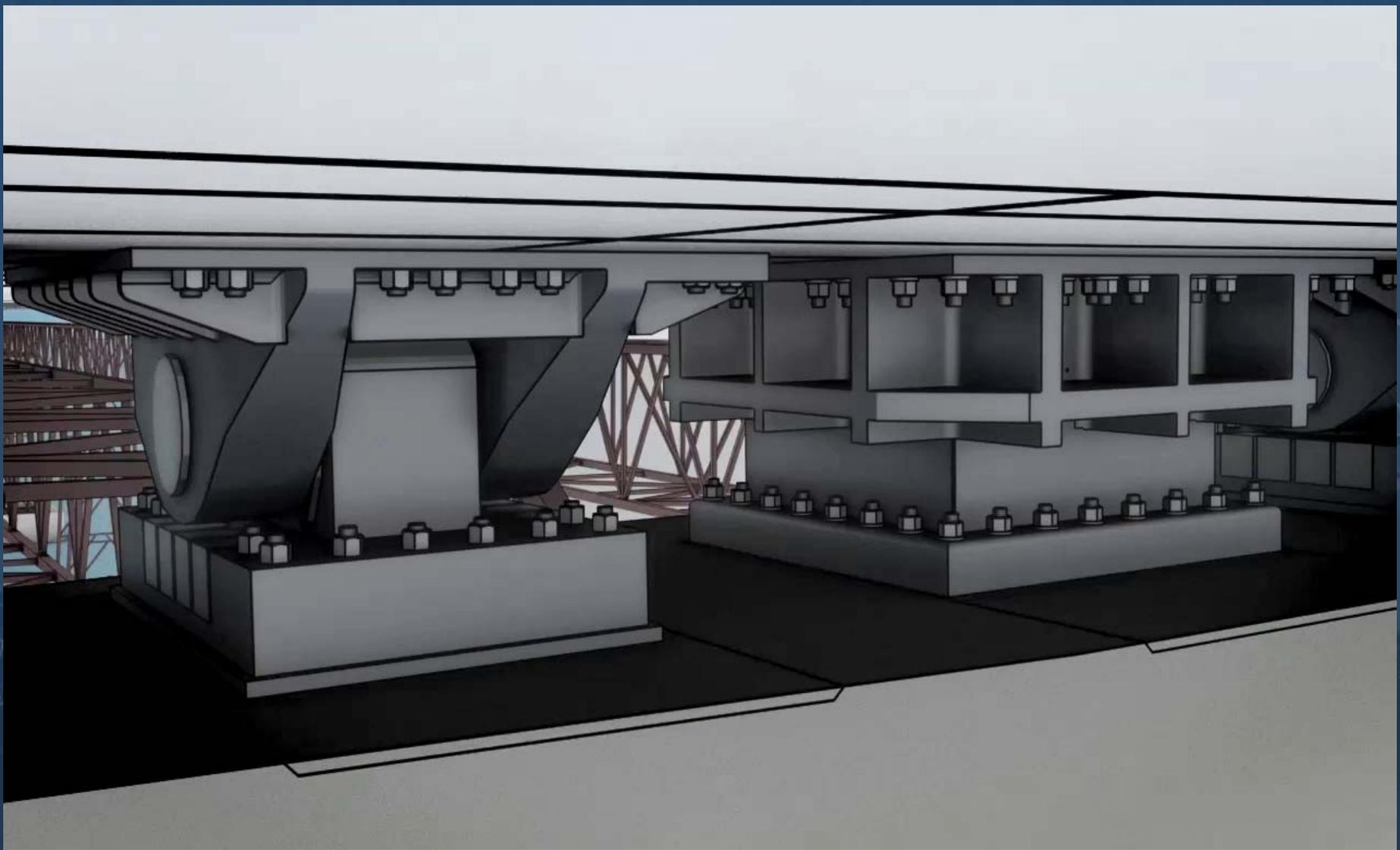
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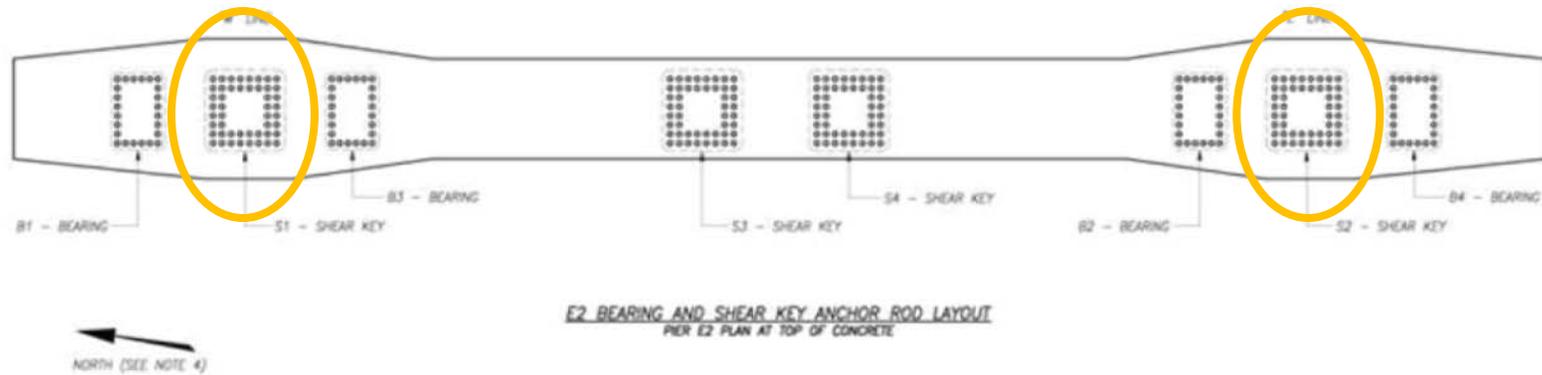
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**A number of S1 and S2 shear key anchor rods at pier E2 have broken after tensioning.**

**Rods were tensioned in between March 1 and March 5.**

**Broken rods were discovered between March 8 and March 15.**

**Remaining rods have been untensioned pending resolution of problem.**



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