



EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

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Mosquito Road Bridge Replacement Project Potential “Trip To Green” Traffic Configuration December 12, 2023

Project Problem: The Pier 2 footing requires ~1,100 cubic yards of concrete placed in a single continuous concrete pour. This will take about 14-16 hours and require about 120 concrete truck trips each way. The concrete is being trucked from Rancho Cordova, and it takes 60-75 minutes to get from the concrete plant to the site, depending on traffic. Any delays to the trucks could cause the concrete to be rejected once it arrives at the site. Additionally, delays to the trucks could cause ‘cold joints’ in the footing, which are explicitly prohibited by the bridge designer.

Project Proposal: Along with other traffic control features, work with County, City, and Caltrans to implement “Trip To Green” traffic configuration to place all US 50 traffic signals on green for 12 hours on a weekend night/morning (with good weather) in February 2024. The exact date is TBD while the work leading up to the footing pour is completed.

Discussion:

1. Public outreach/impacts to residents, businesses, County, City, Caltrans
2. Optimal day of the week
3. Optimal starting time
4. Other considerations, changes/improvements from previous Trip To Green iterations



