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PUBLIC WORKS & ENGINEERING
REDUCTION

MOTION

The First Street Bridge over Figueroa Street is located on the northwestern edge of the downtown Civic Center and carries mainly commuter traffic of approximately 30,000 daily vehicle trips. The First Street Bridge over Figueroa Street has no bridge abutments to resist major seismic movements and was retrofitted with base isolators in 1998. While it was cost prohibitive to replace the bridge in 1998, the base isolators continue to provide seismic resistance to guard against major earthquakes. However, the seismic isolators require the use of large metal expansion joints which creates a noise problem.

The Bridge has undergone several repairs implemented jointly by the Bureau of Engineering (BOE), Bureau of Street Services (BSS), and LADOT in the past decade to mitigate a significant noise problem arising from the metal expansion joints at each end of the bridge.

In 2010, a team of engineers from BOE, BSS, and LADOT was convened to further investigate the noise problem. The team once again performed a low-budget repair by modifying the expansion joint. The team also tasked BOE and the CAO to identify funds to replace the bridge.

I THEREFORE MOVE that Bureau of Engineering (BOE), in consultation with City Administrative Officer (CAO) and the Chief Legislative Analyst (CLA), be instructed to report on the feasibility of undertaking major renovations or replacement of the First Street Bridge over Figueroa Street, and to identify funding available for such improvements or replacement.

PRESENTED BY: *Jose Huizar*
JOSE HUIZAR
Councilmember, 14th District

SECONDED BY: *Joe Bruce*

[Signature]
JUL 3 2013

ORIGINAL