



Sycamore-Penasquitos 230kV Project
SDG&E/City of SD Meeting
Friday, January 22, 2016 – 9:00AM – 10:30AM
CoSD Engineering Field Division Office

Meeting Minutes

I. Introductions - *Attendees:*

- *Frank Gaines- Senior Bridge Engineer/Deputy City Engineer, Field Engineering– CofSD*
- *Isac Vallejo – Civil Engineer, Field Engineering - CofSD*
- *Brian Vitelle – Civil Engineer, Field Engineering - CofSD*
- *George Gazallo –Civil Engineer, Transportation Dept - CofSD*
- *Dan Klausenstock – Engineering Manager – NV5*
- *Richard Rodriguez – Principal Engineer, Electric Transmission – SDG&E*
- *Vinh Huynh – Senior Engineer, Electric Transmission – SDG&E*

II. Project Overview

- a. Proposed Project
- b. Alternative 3
- c. Alternative 5

III. Potential City Bridge Crossings

- a. Proposed Project
 - i. Carmel Valley Road Bridge
- b. Alternative 3
 - i. Black Mountain Road Bridge
- c. Alternative 5
 - i. No City Bridges identified

IV. Precedent Installations

- a. *Pacific Coast Highway CalTrans Bridge – 230kV Installation, Installed 2007*
- b. *Harbor Drive City Bridge – 230kV Installation, Installed 2007*

- c. *Highway 94 CalTrans Bridge – 138kV Installation, Installed 2008*
- d. *Alpine Blvd. County Bridge – 230kV Installation, Installed 2012*
- e. *LADWP Ballona Creek CalTrans Bridge – 230kV Installation, Permitted 2015*

V. Mitigation Methods & Measures

- a. SDG&E Proposals
 - i. *Induction and voltage measurements on existing installations*
 - ii. *Cable Phase Transpositions*
 - iii. *Bonding and Grounding Mitigation Schemes*
- b. City of SD Requirements
 - i. *For permitting process, SDG&E to provide induction studies, reports, and sufficient mitigation methods and measures*

VI. Round Table

- a. *City of San Diego concurs that bridge installations above 69kV are not prohibited.*
- b. *Permitting to be reviewed on a case by case basis, if concerns and risks may be mitigated*
- c. *SDG&E to provide City of San Diego additional information regarding precedent installations, mitigation measures and reports upon permitting process*