

STRUCTURE TYPE SELECTION MEMO

PROJECT IDENTIFICATION South Access to Golden Gate Bridge (Doyle Drive)						DATE December 2, 2008
DIST 04	CO SF	RTE 1, 101	PM 8.3 / 9.4	CD 04	EA 163701	DESIGN BRANCH 9
P&Q: January 2009 ?				SPS&E: March 2009 ?		

Bridge Name	Bridge Number	PM	Construction Cost	Design Hours Required
Tennessee Hollow NB	34-0164R	8.4	\$ 10,582,000	1000
Tennessee hollow SB	34-0164L	8.4	\$ 9,105,000	1000
Girard NB - Ramp	34-0167	8.4	\$ 3,223,000	350
Gorgas Ramp	34-0168	8.4	\$ 3,372,000	350
PROJECT TOTAL			\$ 26,282,000	2,700

TYPES CONSIDERED:**Tennessee Hollow NB & SB, Girard NB – Ramp, Gorgas Ramp:**

Voided slab: Alt. 1: Curved haunch and overhang. CIDH pile foundation

Alt. 2: Angular haunch and overhang CIDH pile foundation

ARCHITECTURAL RECOMMENDATIONS:

Tennessee Hollow NB & SB, Girard NB – Ramp, Gorgas Ramp:

- Haunched superstructure.
- Exterior girder face with no deck overhang
- Square columns.
- ST-10 Barrier railing.

- (1) DESIGN ENGR Phil Lutz
- (2) BR DES SUPV Gordon Danke
- (3) SR BR ARCHIT Javier Chavez
- (4) CHIEF STR DES Kevin Thompson
- (5) PROJECT ENGR Phil Lutz

PROJECT ENGINEER

PROJECT AESTHETICS CONSULTANT

Attachments: General Plan
General Plan Estimate