



Figure 3A.B.1 Index to Plans Detailing Example

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<p>GENERAL NOTES</p> <p>LOAD AND RESISTANCE FACTOR DESIGN</p> <p>DESIGN TO LEFD Bridge Design Specifications, 2012 edition with California Amendments, preface dated Jan 2014.</p> <p>DEAD LOAD: 35 psf for future wearing surface. The deck load between the stringers has been increased by a factor of 10% to allow for the use of steel deck forms.</p> <p>LIVE LOAD: HS-20 and permit design load HL-93 and 300 lb concentrated load.</p> <p>SEISMIC LOADING: Seismic hazard = 1.650 fr/sec. Mean Flood group = 1.4. Peak Ground Acceleration = 0.29g.</p>																																																																		
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<p>REINFORCED CONCRETE: $f'_c = 60$ ksi $f_y = 36$ ksi $n = 8$</p> <p>STRUCTURAL STEEL: Girder web, flanges, stiffener plates, connection plates and gusset plates, cross frames, catwalk and miscellaneous details $f_y = 36$ ksi (unless otherwise noted)</p> <p>HIGH-STRENGTH BOLTS: High-strength bolts with threads included from the shop plates (unless otherwise noted) $F_y = 50$ ksi</p> <p>STRUCTURAL TIMBER: Treated Douglas Fir No. 2 or better Timber 100 be Tull sawn.</p>																																																																		
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<p>STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION</p> <p>DESIGN BRANCH X</p> <p>PROJECT NUMBER & PHASE: 05 10000041</p> <p>CONTRACT NO.: 05-LT034</p> <p>SHEET NO.: 2 OF 41</p>																																																																		