



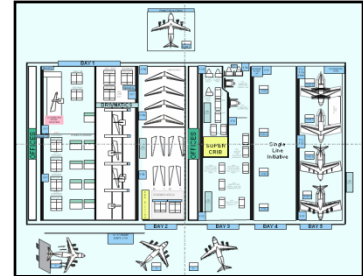
ORANGE COUNTY ENGINEERING COUNCIL

POST BOX 1156, COSTA MESA, CALIFORNIA 92628

<http://www.ocec.org>

*Corporate Sponsors and Professional Societies
Recognizing Engineering Achievements*

- **Tour #1: The Boeing Company, Long Beach:
Monday, February 18, 2008, 3:00 p.m. – 5:00 p.m.**
- Join OCEC for this exciting tour of the C-17 assembly and flight line. The C-17 Globemaster III is a high wing, four engine-tailed Military Transport Aircraft and is the most advanced military airlift in the world. The C-17 production facility is 1.5 million sq. ft. and divided into five bays, wings, center fuselage, aft, nose, and final assembly. Upon final assembly, the aircraft is moved to the paint hanger where approximately 170 gallons of paint is applied in eight days. The Globemaster III is then moved to the Flight Ramp where the flight crew inspects and conducts checks of the aircraft and systems in approximately six hours of flight time. This enormous aircraft is now complete and ready for delivery to our customer, from beginning to end in 185 days. This is all accomplished through a highly productive and diverse team. Tour participation is limited to U.S. citizens or green card holders with a picture ID. Students or dependents over 16 years of age are welcome but must also have proof of citizenship. Tour size will be limited, so contact Peter Kurzahls at peter.r.kurzahls@boeing.com ASAP to sign up and receive detailed tour instructions.



C-17 Tour

- **Tour #2: Imperial Highway Grade Separation Project:
Wednesday, February 20, 2008, 9:00 a.m. – 11:00 a.m.**
- Caltrans has begun a \$40million construction on project over Orangethorpe/Esperanza Avenue and the railroad tracks. Come pop-on a hard hat and join us for an in-depth tour of all the engineering decisions that are involved with this type of project! The initial construction of temporary roadways to divert traffic around the construction is already underway. One of the unique aspects of this project is that neither the 46,000 daily vehicles nor the seventy plus trains that intersect currently must be interrupted. Upon completion the project will support 80,000 vehicles and 128 train crossings. Please contact Sam Sarem at Sam4IPRC@aol.com to sign up and receive detailed tour instructions.



Imperial Highway Grade Separation Project

- **Tour #3: Caltrans Transportation Management Center (TMC), Irvine:
Friday, February 22, 2008, 10:00 a.m. – 12:00 p.m.**
- The Caltrans Transportation Management Center (TMC) located in Irvine is the nerve center for our urban freeway and highway systems in Orange County. Traffic information is gathered from many sources - such as electronic sensors in the pavement, freeway call boxes, video cameras, CHP officers on patrol, motorist cellular calls, and commercial traffic reporters. This information is sent to the TMC, which is operational 24-hours a day, seven days a week. TMC personnel are then able to quickly make informed decisions, which include the activation of Changeable Message Signs, dispatch of Traffic Management Teams, Highway Advisory Radio, notification to media and local agencies. These actions are key to the safe and efficient management of Orange County's freeway system. Please contact Dr. C.T. Bathala at ct_bathala@dot.ca.gov to sign up and receive detailed tour instructions.



TMC Tour