







Transbay Program Rail Capacity
Transbay Program Rail Capacity
TTC design supports the Caltrain ridership projections reported by Cambridge Systematics and CHSRA projections in their EIS/EIR
TTC meets all the programmatic needs of Caltrain and CAHSR identified through January 30, 2009



CHSRA Program Changes

Transbay Transit Center

On January 30, 2009, CHSRA informed TJPA of new program requirements:

- All trains coming to Bay Area will go into the Transbay Transit Center (TTC)
- All high-speed rail platforms must be fully-tangent and a minimum of 400 meters in length
- The scheduled turn-around times will be 40 minutes per train with a 30 minute minimum dwell time
- The TTC should accommodate 12 trains per hour
- The TTC should provide 8 to 10 platform tracks for HSR

























CHSRA Capacity vs Ridership

Maximum ridership projection at TTC is 12.7 million boardings and alightings per year in 2030, an average of 34,800 passengers per day

Assuming on a given day that 2/3 of passengers are moving in one direction would equate to 23,200 trips in one direction in one day



Capacity vs Ridership							
Trips High Direction	Total Trips in Peaks	Total Trips in Peaks	Higher Peak Trips	Higher Peak Trips	Highest Hour Trips	Highest Hour Trips	Seat Use
23,200	67%	15,470	67%	10,310	50%	5,155	43%
Even at this highest hour, with 12 trains per hour, the trains would be operating less than half full							

Job Creation

- Phase 1 will create approximately 570 construction jobs in 2009 and 2010
- The current Phase 1 scope will create more than 6,100 total jobs
- The Transbay Transit Center Program and the associated redevelopment projects will create almost 38,000 construction jobs

Status Summary

Transbay Transit Center

Transbay Transit Center

- Current rail design capacity exceeds all 2030 ridership projections for Caltrain/CHSRA
- \$390 million required to construct the current train box in Phase 1
- New CHSRA operational requirements, without adequate justification
- Identified technically viable solution to address new CHSRA operating requirements at \$1 billion plus cost increase to program

