

Project Summary

- Began with Transbay (Bay Bridge/BART) Study
 - AC Transit physical space requirements @ TTC
 - Transit crowding analysis
 - More refined transit forecasting approach
 - Included staff participation from BART, AC Transit, WETA
- Most recent effort also analyzed Peninsula Corridor
 - Focus on Caltrain riders
 - Included on-board survey of passengers @ 4th/Townsend
 - Modes of access/egress @ TTC Caltrain, AC Transit, HSR

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Caltrain TTC DTX - Project Benefits Summary

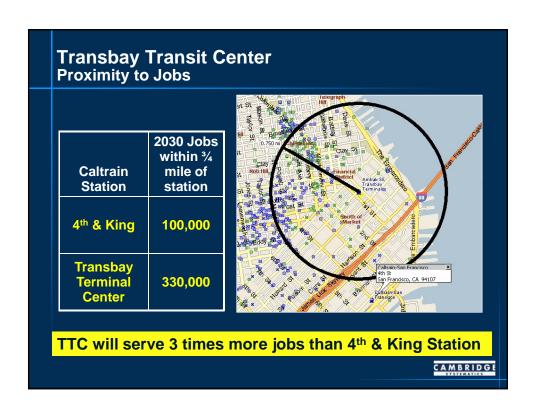
- Links workers to Downtown SF Jobs
 - Over 300,000 jobs within ½ mile of TTC (Year 2030)
- Over 8,000 cars removed each work day
 - Vehicle hours of travel reduced by almost 5% in corridor
- Makes transit work better
 - Substantial travel time savings for existing riders
- Air quality/energy savings
 - Substantial GHG gas reductions (nearly 5% in corridor)
 - Gasoline consumption reduced by 3,800,000 gallons (annual)

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Setting

- Downtown San Francisco projected to add over 145,000 jobs between 2005 and 2030
 - About 10% of the region's job growth
- Traffic congestion is projected to get much worse
 - 1.7 million new people; 1.5 million new jobs in Bay Area
- Job growth and economic vitality for San Francisco will be predicated on improved accessibility

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Scenario	4th & King	Transbay Terminal	Total	Growth from 2005
2005 Observed	14,200		14,200	
2030 No Project	30,900		30,900	125%
TTC Extension (6 trains to TTC)*	17,100	31,500	48,500	242%
TTC + \$8 gas	21,300	37,600	58,900	315%

DTX Air Emission/Energy Benefits

- 8,700 daily vehicles taken off area highways
 - Daily vehicle miles of travel (VMT) reduced by 300,000
 - 8,400 fewer vehicle hours of travel (VHT)
- Annual benefit is 42,000 tons of CO²
 - Each vehicle mile of travel emits ~ 425 grams of CO²
 - Assumes a Caltrain annualization factor of 300
- Project will save 3.8 million gallons of gas / year
 - 90,000 less barrels of oil consumed

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Travel Times to SF Financial District

Origin: Mountain View

Mode of Travel	Travel Time (minutes)
Caltrain to 4th & King + Bus/Muni	65
Caltrain to 4th & King + walk to destination	70
Caltrain to Millbrae + BART	75
Drive Alone (30-35 mph speed)	80

Direct Caltrain to TTC = 50 minutes
15-30 minutes travel time savings

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High Speed Rail – The Connection to LA

- Provides direct connection between Downtown San Francisco/Silicon Valley to Los Angeles
 - Also improves accessibility for Central Valley workers
- Los Angeles Union Station to San Francisco in 2 ½ hrs
 - Express trains
 - Service to San Jose, Central Valley, Sacramento, San Diego
- Over 26,500 daily HSR riders at TTC in 2030
 - ~20% of riders travel w/in Bay Area
 - Rest of riders are from outside Bay Area

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Caltrain Ridership Forecasts

Benefits of Jobs in Downtown San Francisco

- Downtown San Francisco is well-served by mass-transit
 - Commuters more likely take transit than in suburban locations
 - Commuters more likely to walk to lunch / for errands than in suburban locations
 - Caltrain connects Silicon Valley; HSR connects the state to SF
- Some statistics:
 - Trip lengths for downtown SF residents < ½ regional average
 - Transit shares to SF are 4 x regional average (all trips)
 - New Federal report confirms actual reductions in daily tripmaking for transit-oriented development

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Summary

- Caltrain Downtown Extension to Transbay Transit Center has many benefits
 - High ridership Brings 31,500 daily riders to the Transbay Transit Center
 - Over 8,000 daily autos removed in Peninsula Corridor
 - Accessibility Links workers to Downtown SF Jobs
 - Over 300,000 jobs within ½ mile of TTC (Year 2030)
 - Substantial travel time savings for existing transit riders
 - GHG gas reduced by nearly 5% in corridor

