



Presentation to FRA
Rail Program Delivery Conference

August 5, 2014

Transbay Transit Center

TJPA





Transbay Service Providers









Former Transbay Terminal

- Blighted
- Dilapidated
- Outdated



In 1999, Proposition H is overwhelmingly adopted by San Francisco voters, which makes it City law to extend Caltrain to a new or rebuilt regional transit station on the site of the Transbay Terminal, and to pursue other improvements.

Transbay Transit Center

Transbay Joint Powers Authority

- 1999 Proposition H: Extend Caltrain to a new or rebuilt regional transit station on the site of the Transbay Terminal
- Transbay Joint Powers Authority created under State law in April 2001
 - Charged with design, construction and operation of a new Transbay
 Terminal and associated facilities
- Member agencies
 - City & County of San Francisco
 - Alameda-Contra Costa Transit District
 - Peninsula Corridor Joint Powers Board
 - City & County of San Francisco
 - San Mateo County Transit/Caltrain
 - Santa Clara Valley Transportation Authority



CAST BUS OUT OF THE OLD TRANSBAY TERMINAL

August 7, 2010

12:15 a.m.





Temporary Terminal







Transbay Transit Center Program

- 1. New Intermodal Bus and Rail Station
- 2. Downtown Extension for Caltrain and CAHSR
- 3. New Neighborhood





Transbay Transit Center Program

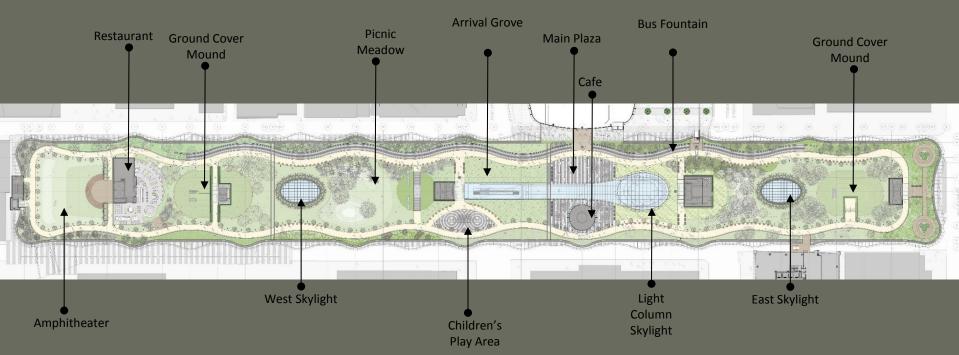
Phase 1 Transit Center







Rooftop Park





Roof Park

Transbay Transit Center



Roof Park

Transbay Transit Center

















First Street View



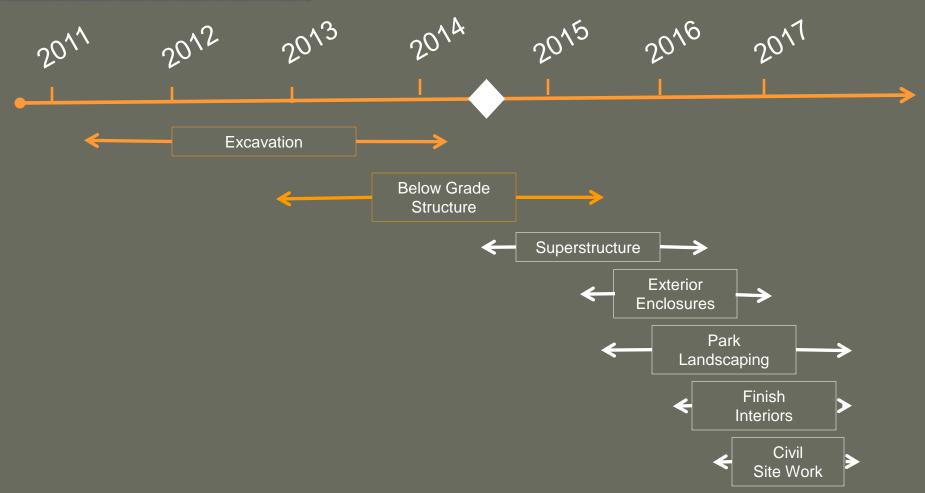






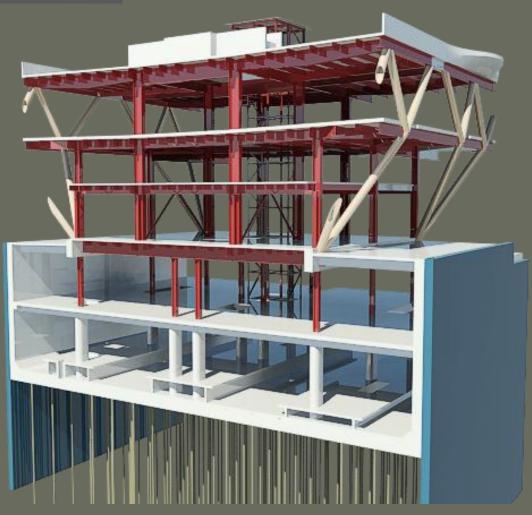
Transbay Transit Center

Construction Timeline Summary



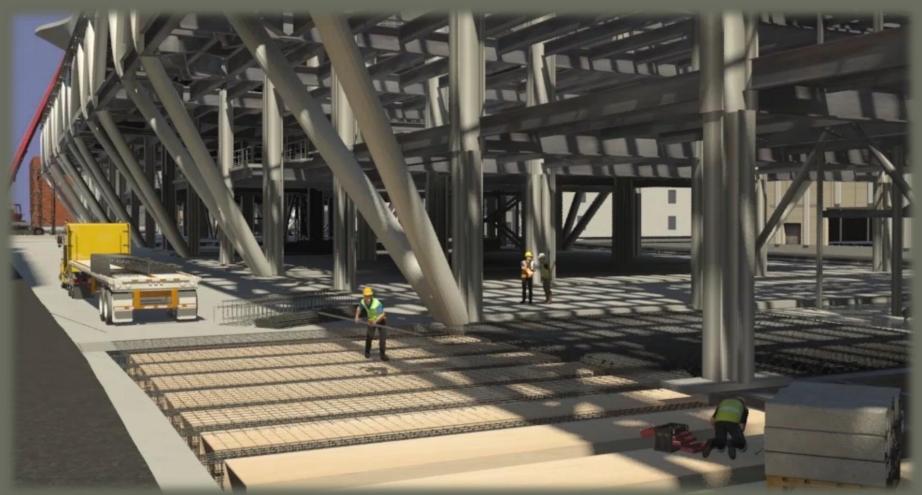


SuperStructure Steel





2015 Western Zone – Ground Level





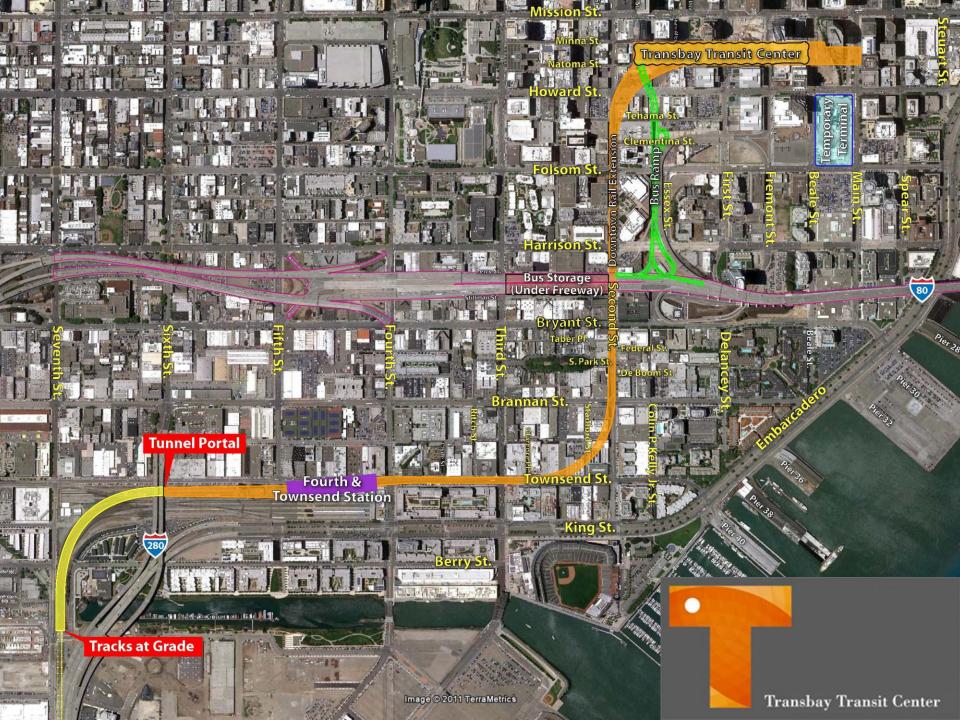
Transbay Transit Center

Transbay Transit Center Jobs Across the United States of America As of May 2014 Wisconsin Centrifugal Waukesha, WI Jobs Created: 27 Spun Cast Pipes Marks Metal Technology Williams Form Engineering Thompson Metal Clackamas, OR Jobs Created: 11 Rolling & Metal Forming Vancouver, WA Jobs Created: 51 Steel Columns and Large Metal Tek Scot Forge Jobs Created: 25 Sandusky, OH Jobs Created: 27 Spun Cast Pipe Supply HS Rods Spring Grove, IL Jobs Created: 11 Forged Pins Transfer Girders **American Steel** Portland, OR Jobs Created: 11 Supply Steel Plates Lincoln Electric Bradken Bradken Cleveland, OH Jobs Created: 43 Lanmpros Steel Atchison, KS Jobs Created: 191 Supply Large Steel Shapes/ St. Joseph, MO Jobs Created: 4 Cast Node Finishing Welding Wire & Machines Supply Steel Plate The Dyson Corporation Washington Oregon Sandblasting Supply HS Rods Metal Prep & Coating Hannibal, OH Jobs Created: 27 Supply Steel Plates **Oregon Iron Works** Oregon Chapel Steel Purchase/Fabrication of Perimeter Girders & Basket Columns XKT Engineering **ArcelorMittal** Vallejo, CA Jobs Created: 101 Purchase/Fabrication of Cruciform SLRS Coastesville, PA Jobs Created: 232 Supply Steel Plates Vertical Members & Light Columns Missouri Evarz Claymont Kansas [ransit Claymont, DE Jobs Create Supply Steel Plates Center **ESAR** Hanover, PA Jobs Created: 32 Welding Filler Materials Arkansas The Herrick Corp Coffeld, NC Jobs Created: 569 Supply Steel Plates Shape Interior Steel Members and SLRS Members **Nucor-Yamato** DYWIDAG-Systems International Long Beach, CA Supply HS Rods Berg Steel Pipe Corp Star Seismic Panama City, FL Jobs Create Supply Steel Shapes Salt Lake City, UT Jobs Created: 20 Design/Purchase/Fabrication of Joy Global Bradken Seismic Braced Frames Longview, TX Jobs Created: 52 Special Fabrication Amite, LA Jobs Created: 75 Supply Steel Shapes/Cast Nodes Legend Wyman-Gordon **Total Jobs Created** Offsite Jobs Light Column Forged Rings/ Onsite: 3,145 * | Offsite: 2,984 Steel Supplier * Jobs (construction) created onsite in San Francisco to date from Fabricator demolition of the old Transbay Terminal and construction of the Highway Temporary Terminal and Transbay Transit Center.



Transbay Transit Center Program

Phase 2 Downtown Extension (DTX)







Transbay Transit Center Program

New Neighborhood

Transbay Project Area

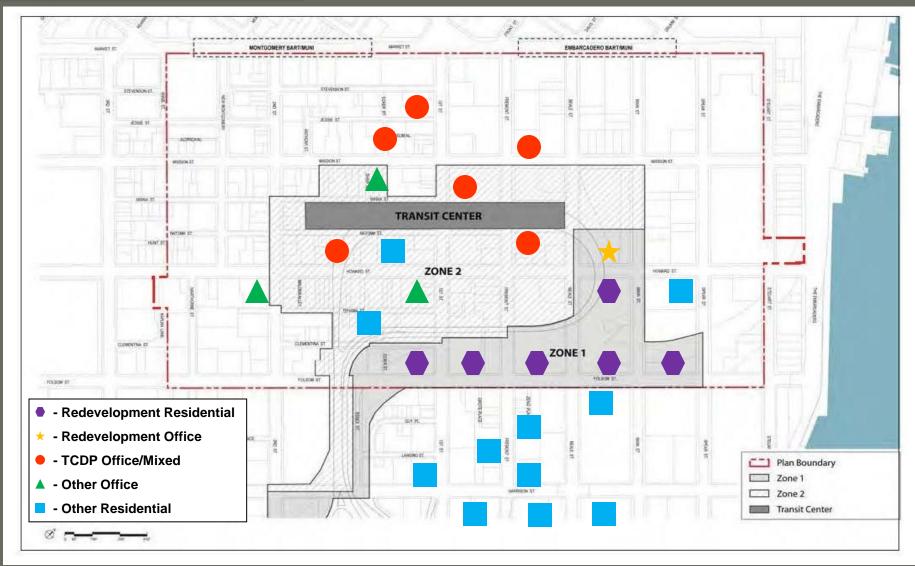
Transbay Transit Center





Transbay Transit Center

Development Projects Pipeline





Phase 1 Funding

Phase 1 Funding Plan

Transbay Transit Center

(in millions, YOE\$)	Committed Funds	Net New Funds	Potential Funds	Total Budget
AB 1171	\$150	i dilas	i dilas	Budget
Regional Measure 1	\$54.4			
Regional Measure 2	\$143			
San Francisco Prop K	\$98	\$41		
FRA High Speed Rail (ARRA)	\$400			
FRA Rail Relocation	\$2.6			
FTA Grants	\$62.4		*	
TIFIA Loan	\$171			
FEMA Grants	\$0.1		*	
AC Transit Contribution	\$39			
RTIP	\$28	(\$18.2)		
Land Sales	\$429	\$53		
Miscellaneous Local	\$7			
San Mateo Sales Tax	\$4.5			
Transit Center District Plan		\$28.5	\$200.1	
One Bay Area Grant		\$6		
Total Funds	\$1,589 +	\$110.3 +	\$200.1 =	\$1,899.4

 ^{*} TJPA will continue to apply for FTA and FEMA grants



Phase 2 Funding



Transbay Transit Center

Project delay significantly impacts escalation costs

Cost Category	Design-Bid-Build	Design-Build	P3/DBFM
Professional Services 1	\$246,760	\$236,890	\$227,019
Programwide	\$75,400	\$75,400	\$69,368
Right-of-Way Acquisition	\$266,200	\$266,200	\$266,200
Soft Costs	\$588,360	\$578,490	\$562,587
Construction	\$1,641,261	\$1,589,648	\$1,538,035
Unallocated Contingency	\$142,943	\$71,472	\$35,736
Hard Costs	\$1,784,204	\$1,661,120	\$1,573,771
Escalation	\$632,165	\$592,626	\$447,965
Total DTX Project	\$3,004,729	\$2,832,235	\$2,584,323

All numbers in thousands

Sources: URS, TJPA

¹ Includes TTC design for Phase 2, DTX design, construction administration, adjacent properties monitoring, and construction management



DTX Potential Funding Sources

Funding Sources	YOE (\$ millions)	Status
San Francisco County Sales Tax	\$79	Committed
San Mateo County Sales Tax	\$19	Committed
Committed MTC/BATA Bridge Tolls	\$7	Committed
Land Sales	\$120 - \$140	Contingent upon Sales
Tax Increment Extension	\$350 - \$550	Subject to SF Approval
Tax Increment Residual	\$300 - \$400	Subject to Federal Approval
FTA New Starts	\$650	Subject to Federal Approval
New MTC/BATA Bridge Tolls	\$300	Subject to MTC/BATA/Voter Approval
Future California High Speed Rail Funds	\$557	Subject to Federal/State Approval
Future San Francisco County Sales Tax	\$350	Subject to SF Voters
Mello-Roos Special Assessment	\$400 - \$500	Subject to SF Approval
Potential Passenger Facility Charges or Maintenance Contribution	\$500 - \$700	Subject to CHSRA and/or Caltrain Approval
Total	\$3,632 - \$4,252	

- \$2.584B (\$YOE) DTX P3 project budget
- \$3.6B \$4.2B (\$YOE) potential upfront funding sources and revenue streams over time



Additional Benefits



Economic Benefits of Transbay Program

- Creates more than 125,000 jobs directly, indirectly, and induced
- Increases surrounding property values by \$3.9 billion
- Generates \$87 billion in Gross Regional Product and \$52 billion in personal income through 2030



Benefits of Transbay Program

Transbay Program will improve access to transit for:

- Jobs 180,000 jobs within ½ mile
- Housing 8,000 new units in vicinity
- Hotels new hotel capacity
- Ridership increase Caltrain riders into SF by more than 50%



Environmental Benefits of Transbay Program

- LEED gold certified
- Incorporates use of natural lighting, geothermal regulation, and greywater recycling.
- Instead of a roof absorbing and radiating heat, 5.4 acre rooftop park will absorb carbon dioxide from bus exhaust and provide a habitat for local wildlife.
- During demolition of the former Transbay Terminal,
 TJPA recycled over 7,500 tons of steel and over 92,000 cubic yards of concrete.
- The DTX will reduce carbon dioxide emissions by tens of thousands of tons each year by moving commuters from cars to transit.





CONTACT INFORMATION

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