



# PROGRAM STATUS REPORT AND PLAN FOR 2017

January 12, 2017

## Transbay Transit Center

**TJPA**





- **Temporary Terminal Operations**
- **Design – Phase 1 & Phase 2**
- **Programwide**
- **DBE/SBE Report**
- **Funding Report**
- **Community Outreach Report**
- **Construction & Operational Readiness**





**Transbay Transit Center**

# *2016 Milestones & Accomplishments* **Temporary Terminal**

- **Sixth full year of successful operation**
- **Served as key transit link during Super Bowl City events in January**
- **No. of passengers increased 30% since start of operations in 2010**





**Transbay Transit Center**

**2016  
MILESTONES &  
ACCOMPLISHMENTS  
Phase 1 Design**



## *2016 Milestones & Accomplishments* **Transit Center Design**



- Completed infrastructure to support PG&E's Embarcadero circuit
- Completed design and coordination with Salesforce Tower and 181 Fremont teams:
  - Pedestrian bridges
  - Gondola
  - Site civil work
- Released RFP for Neutral Host Distributed Antenna System
- Released RFP for Physical Security Information Management System and Emergency Communication System / Mass Notification System Integration



Transbay Transit Center

## *2016 Milestones & Accomplishments* **Transit Center Procurement**

### Trade Packages awarded:

- TG27.1** Data Network and Systems Integration
- TG27.2R** Audio Visual Equipment and Integration
- TG30.3** Jenny Holzer – LED art
- TG04.2\*** Overhead Contact System
- TG8.11R\*** W-12 and W-13 glass floors

\* Awarded through strategic change orders

**Trade Packages award total \$27,241,353**



Transbay Transit Center

## 2016 Milestones & Accomplishments Bus Storage Design

- AC Transit secured sustainable lease terms with the California Transportation Commission
- Submitted documents to the Division of State Architect and the State Fire Marshal
- Completed Issue for Bid documents
- Completed contractor pre-qualification





**Transbay Transit Center**

# **PLAN FOR 2017**

## **Phase 1 Design**



# **Transit Center Design**

## **Issue for Construction/ Contract Award:**

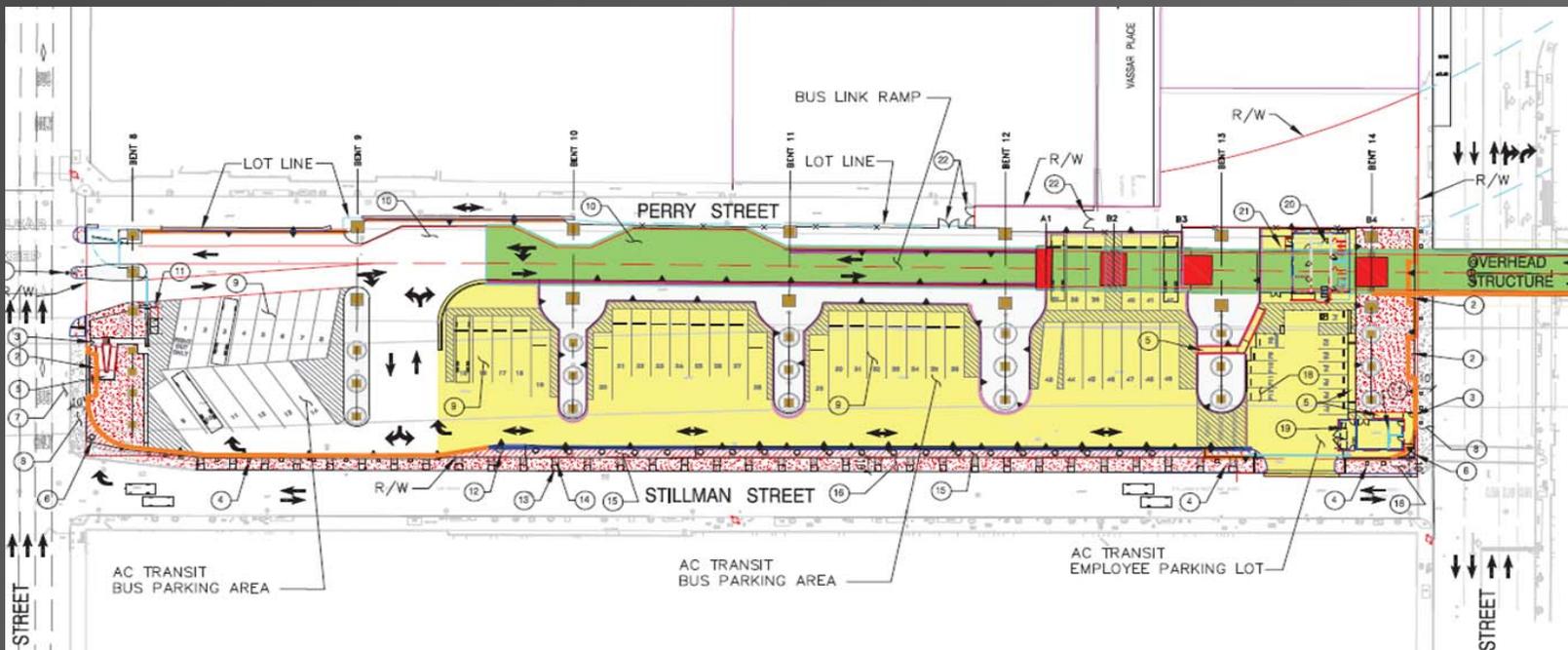
- **Neutral Host Distributed Antenna System**
- **Physical Security Information Management System and Emergency Communications System / Mass Notification System Integration**
- **Natoma Extension (SFPW)**
- **Mission Street Island (SFPW)**





# Plan for 2017 Bus Storage

- Execute lease and use agreement with AC Transit
- Execute air space lease agreement with Caltrans
- Advertise for bid in January; contract award in March
- Begin archaeological field work in February
- Resume neighborhood update meetings upon contract award





**Transbay Transit Center**

**2016  
MILESTONES &  
ACCOMPLISHMENTS  
Phase 2 Design**



**Supplemental Environmental Analysis:** Responded to public comments on draft SEIS/EIR; coordinated with Federal Transit Administration (FTA) in preparation for TJPA Board approval in early 2017

**Phase 2 Cost Estimate:** Updated construction cost estimate to current market rates; incorporated MTC's recommendations

**Phase 2 Next Steps:** Presented update to the Board in June 2016; working with partners to secure funding to advance Phase 2 to 30%

**Railyard Alternatives and I-280 Boulevard Feasibility Study:** Continued to partner with City and provide technical background to the RAB study team

**Stakeholder Coordination:** Continued to coordinate with California High-Speed Rail Authority & Caltrans



**Transbay Transit Center**

# **PLAN FOR 2017**

## **Phase 2 Design**



- **Present Final SEIS/EIR for Board approval**
- **Support issuance of Record of Decision by FTA**
- **Secure funding for update**
- **Update 30% Preliminary Engineering drawings, cost estimate, ridership study, Program budget & risk assessment**
- **Continue development of funding plan**
- **Develop integrated delivery schedule with stakeholders**





**Transbay Transit Center**

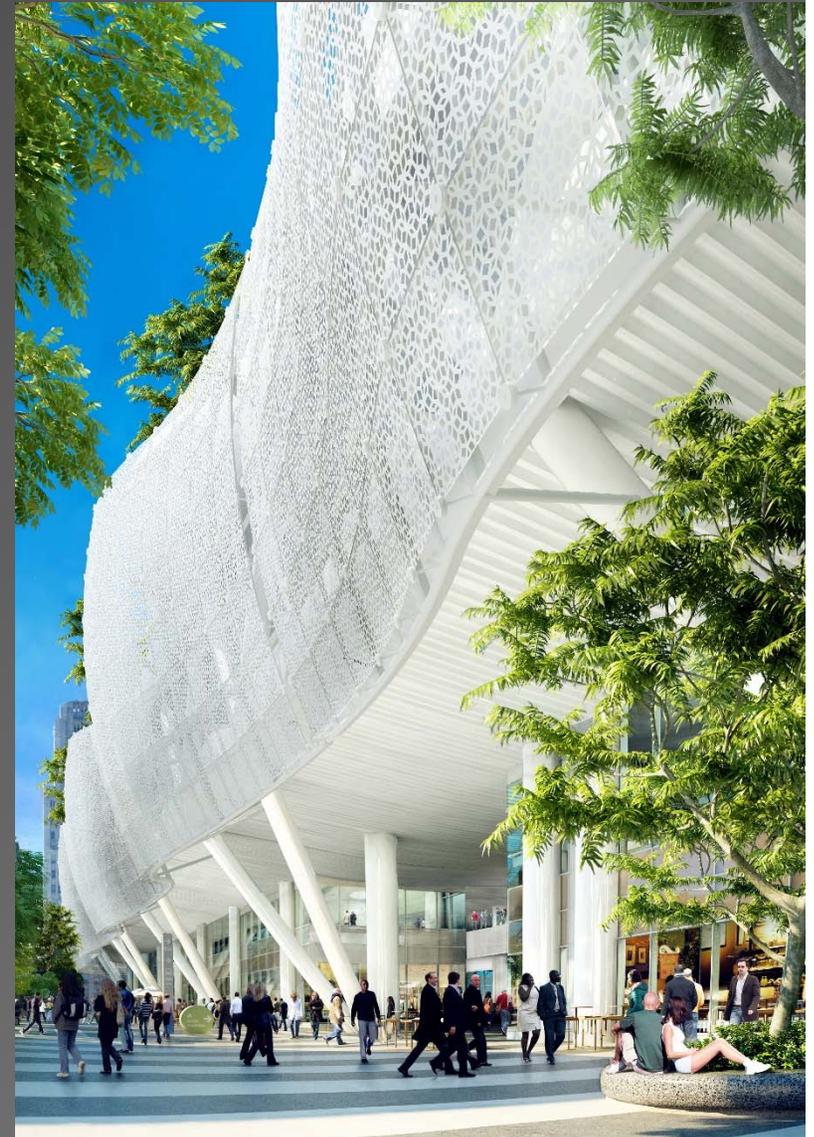
**2016  
MILESTONES &  
ACCOMPLISHMENTS  
Programwide**



**Transbay Transit Center**

# *2016 Milestones & Accomplishments* **Programwide**

- **Approved Final Baseline Budget for Phase 1**
- **Released Master Lessee RFP**
- **Completed final draft of the Safety and Security Concept of Operations**
- **Conducted benchmarking for security staffing plan with San Francisco Sheriff's Department, Anaheim Regional Transportation Intermodal Center, Los Angeles Union Station & Denver Union Station**
- **Updated Title VI Program**





**Transbay Transit Center**

# **PLAN FOR 2017**

## **Programwide**

## *Plan for 2017* **Programwide**



- **Execute Master Lease / Asset Management Agreement**
- **Onboard operational staff**
- **Conduct peer review of the security staffing plan by American Public Transportation Association**
- **Release RFP and award contract for security guard service**



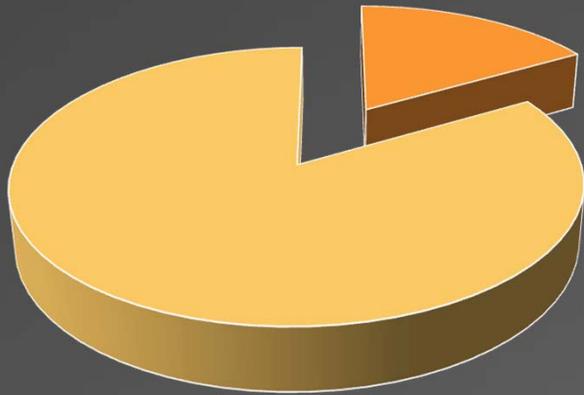
**Transbay Transit Center**

# **Small Business Enterprise (SBE) Disadvantaged Business Enterprise (DBE) REPORT**



# TJPA SBE & DBE: By the Numbers

\$337,245,377



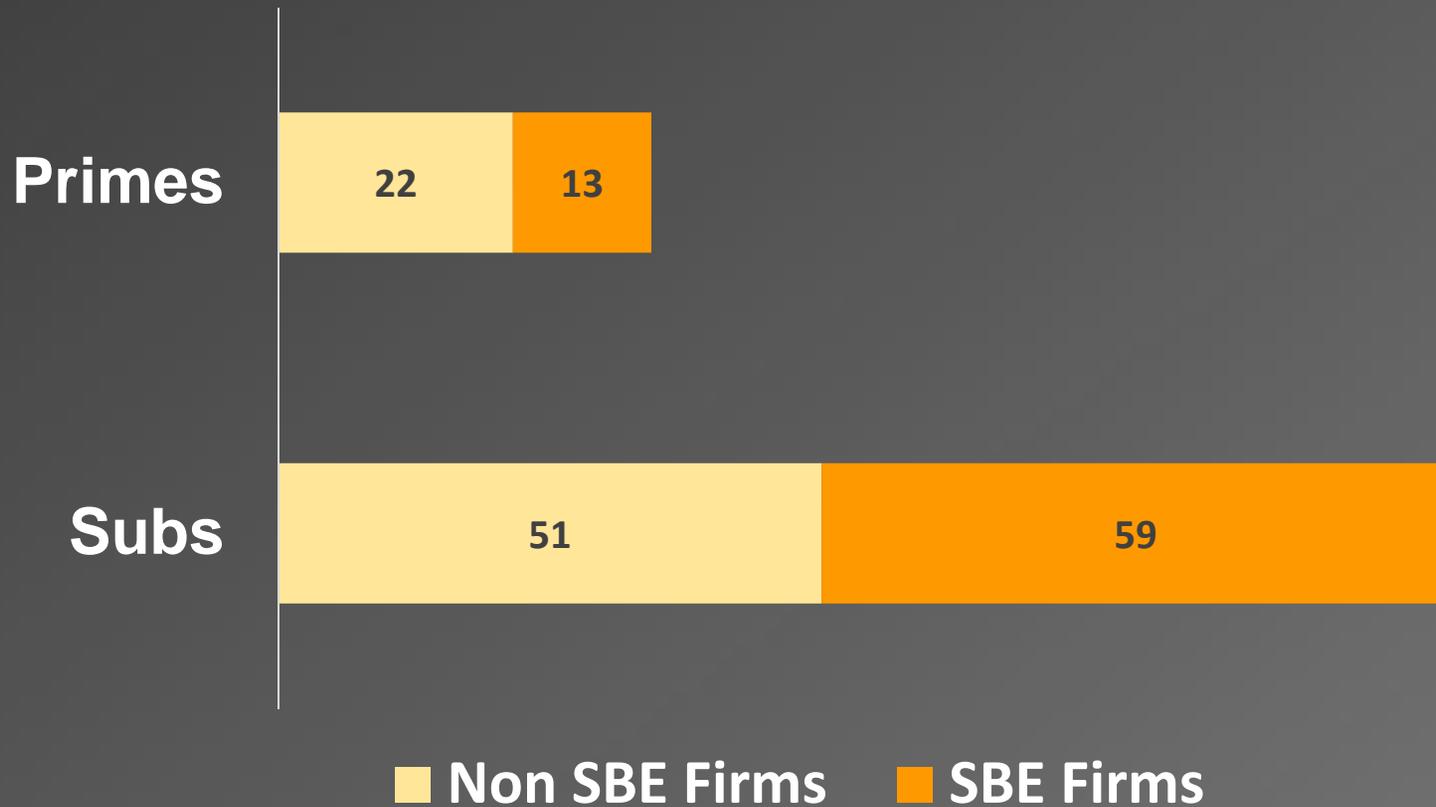
■ SBE DBE Awards    ■ Total

\$187,430,873



■ SBE DBE Payments    ■ Total

# SBE Consultants Professional Services





## ***2016 Milestones & Accomplishments*** **Construction – SBE Program**



HT Tran, Anvil Builders

- **Total Number of Prime Subcontracts Under CM/GC: 45**
- **Total Number of Prime Subcontracts to SBE firms: 17**
- **Total Number of Prime Subcontracts to Non-SBE firms: 28**
- **37.38% of all Prime Subcontracts are led by SBEs**



**Transbay Transit Center**

# FUNDING REPORT



## ***2016 Milestones & Accomplishments*** **Funding**

- **Sale of Parcel F allowed for repayment of bridge loan in full**
- **City and MTC approval of short term financing to fully fund Phase 1 budget**
- **Received first TIFIA disbursement**
- **MTC & ABAG reaffirmed DTX as a regional priority in Plan Bay Area and increased regional commitment**



- **Continue to seek discretionary funding from US Department of Transportation, US Department of Homeland Security, and State of California, decreasing amount of financing used**
- **Continue to seek full funding for Phase 2 DTX**
  - **Work with local funding partners to obtain local funding commitment as part of the New Starts Funding Plan**
- **Seek additional funding for Transit Center operations and maintenance**



**Transbay Transit Center**

# **COMMUNITY OUTREACH REPORT**



## **Community Outreach**

- Hosted regular community meetings at TJPA office
- 10-day look-ahead email updates to neighbors on a weekly basis
- Staffed 24-hour construction hotline
- Continued with regular newsletters and social media to highlight project components and milestones
- Over 80 tours to schools, business groups, media, professional/trade associations, funding partners, government officials, and other interested parties
- Faces of Transbay: New videos featuring Small Business Enterprise owner Karwana Dyson & TJPA's 2016 summer interns



## **Community Outreach**

- Ongoing communications to neighbors regarding final concrete pours, completion of steel assembly, awning placement, and temporary bridge removal
- Targeted outreach to residents and property managers along the Bus Ramp corridor
- Targeted outreach to residents regarding night work for Bus Ramp construction and bridge removal
- Worked closely with neighbors to help mitigate construction impacts, resulting in fewest complaints of any year since construction began:

2011 (6 months): 104 complaints

2012 (12 months): 78 complaints

2013 (12 months): 56 complaints

2014 (12 months): 43 complaints

2015 (12 months): 68 complaints

2016 (12 months): 41 complaints



## *2016 Milestones & Accomplishments* **Community Outreach**

- **Notable Recognition for Transbay Program in 2016:**
  - **Engineering News-Record's annual Best Projects Awards in the Specialty Contracting category- ENR California Region**
  - **Project highlighted as model for value capture and transformative transit-oriented development by Australian Minister of Major Projects, Territories and Local Government Paul Fletcher at Australian Institute of Landscape Architects Living Cities Workshop**
  - **UC Berkeley Fisher Center Real Estate Conference**
  - **Building Owners and Managers Association of San Francisco**



## *Plan for 2017* **Community Outreach**

- **Continue outreach to project neighbors as work progresses:**
  - Progress towards completion of Phase 1 construction
  - Completion of Bus Ramp construction
  - Completion of placement of exterior awning
  - Remaining temporary bridge removals
- **Press event to highlight completion of Bus Ramp**
- **Transition to Operations:**
  - Plan press event for grand opening
  - Coordinate with transit operators to educate public regarding transition and new amenities at Transit Center
  - Website update
  - Signage at Temporary Terminal and during initial operations
  - Community guides
  - Social media and press strategy
- **Continue 10-day look ahead email updates, monthly outreach meetings, meetings with neighbors and regular newsletters**
- **Continue to develop “Faces of Transbay” and increase social media presence**

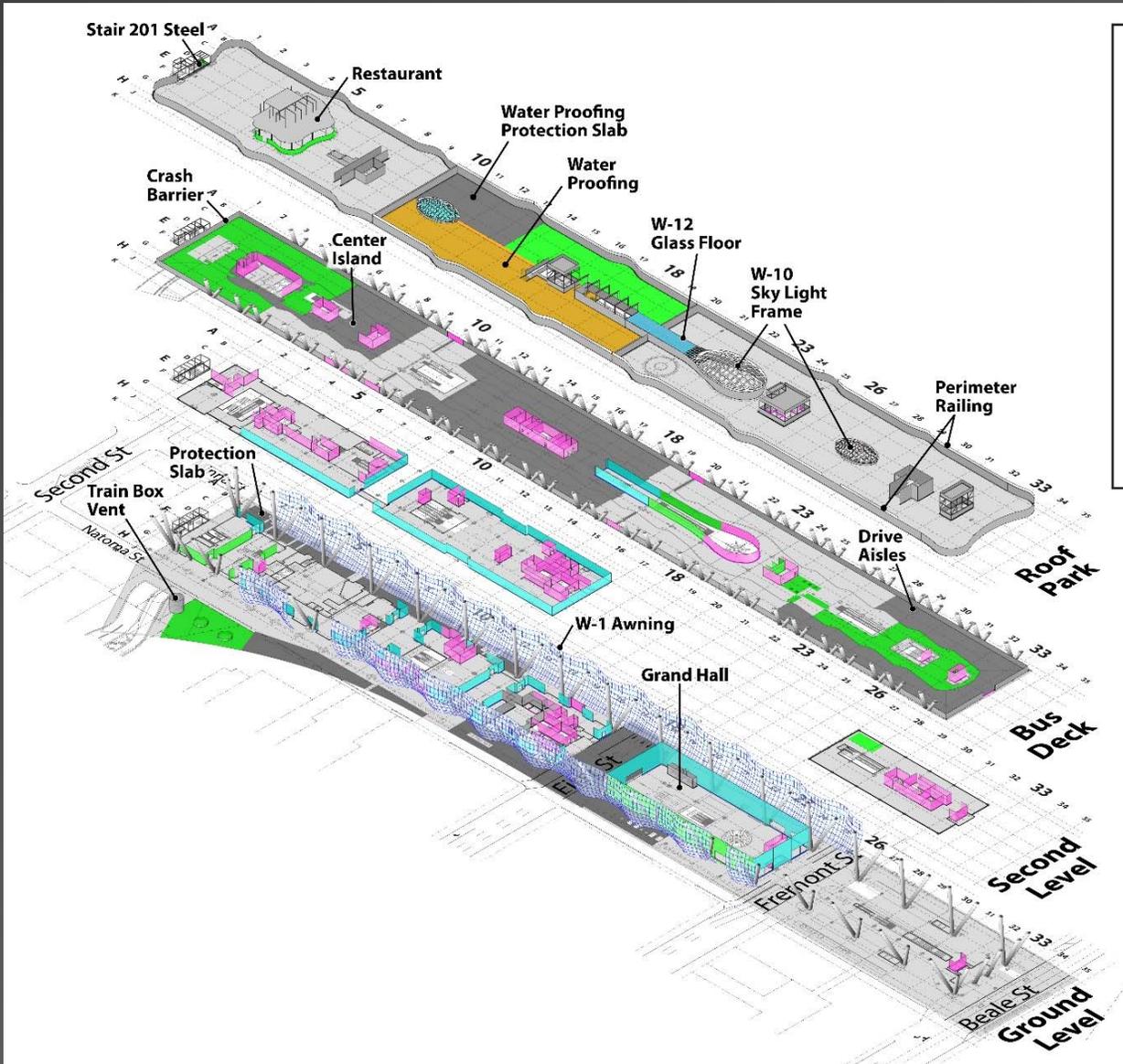


**Transbay Transit Center**

**2016  
MILESTONES &  
ACCOMPLISHMENTS  
Construction**



# 2016 Milestones & Accomplishments Construction Progress 2016



**Transbay Transit Center  
Construction Progress  
Nov 25, 2016 - Dec 22, 2016**

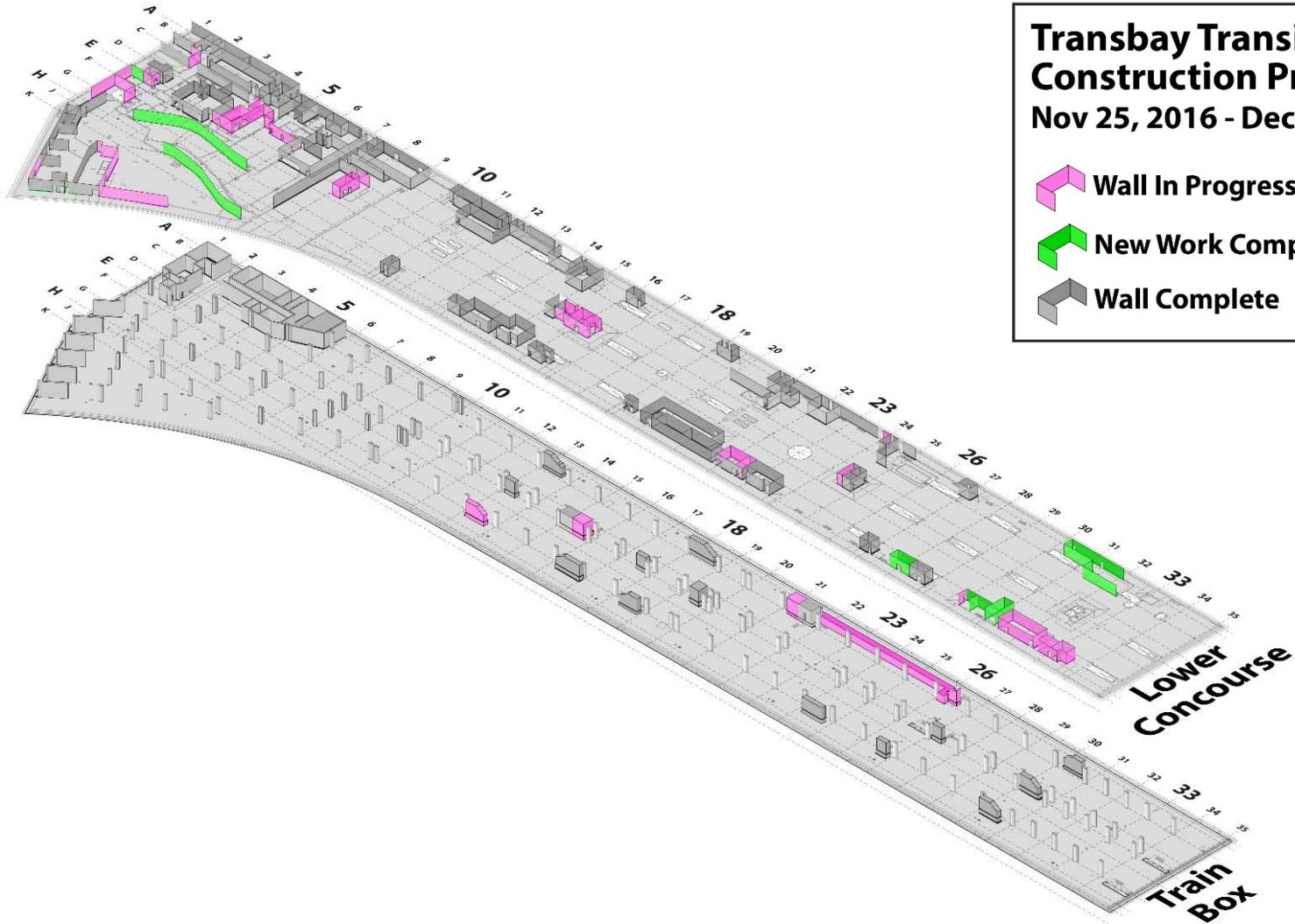
-  Wall In Progress
-  Wall Complete
-  Curtain Wall Complete
-  New Work Completed
-  Concrete Slab Complete
-  Concrete Slab In Progress



Transbay Transit Center

# 2016 Milestones & Accomplishments

## Construction Progress 2016



**Transbay Transit Center  
Construction Progress  
Nov 25, 2016 - Dec 22, 2016**

- Wall In Progress
- New Work Completed
- Wall Complete



Transbay Transit Center

# 2016 Milestones & Accomplishments Construction Progress 2016

January 2016



December 2016





**Transbay Transit Center**

## **2016 Milestones & Accomplishments Construction – Transit Center**

- All Structural Steel erection was completed in January with welding and metal decks by end of April
- All Below Grade Concrete walls and decks completed in 2016
- All Superstructure Concrete placement on Transit Center's last metal decks and the train box lid were completed in November
- Bus Deck concrete drive aisle and commuter island area topping slabs are now 75% complete in December
- Spray-on fireproofing at all levels was completed in 2016





## 2016 Milestones & Accomplishments Construction – Transit Center



- W-1 Exterior Awning started in April 2016 and continues into April 2017
- W-2 and W-3 Glass Curtain Wall glazing started early 2016 and continues into 2017
- W-4 Glass Curtain Wall framing started at the roof oculus; W-4 completed including glazing at the Bus Deck in late 2016
- W-8 Rooftop glass canopy framing started in late 2016
- W-10 Rooftop glass skylights (3) framing completed in late 2016
- W-12 Rooftop glass floor framing and glazing completed in late 2016





**Transbay Transit Center**

## *2016 Milestones & Accomplishments* **Construction – Transit Center**

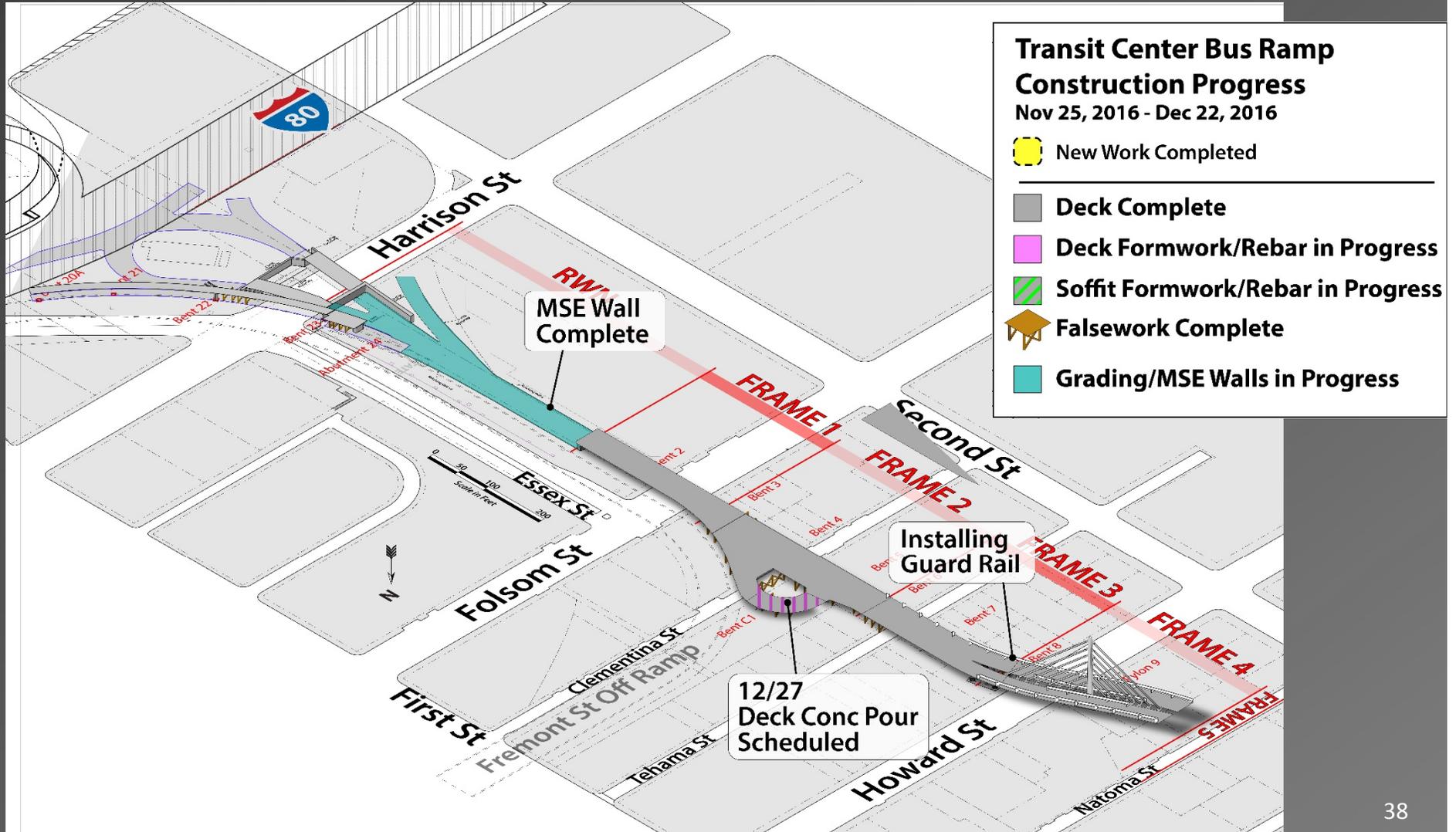
- Plumbing, mechanical, HVAC and electrical conduit installation made great progress throughout 2016
- Concrete wall and curb placement and CMU wall placement continued, nearing 95% complete in late 2016
- Wall framing and gypsum wall board started and made good progress in 2016
- Stair installation framing, landings and railings continued making good progress in 2016





# 2016 Milestones & Accomplishments

## Construction – Bus Ramp

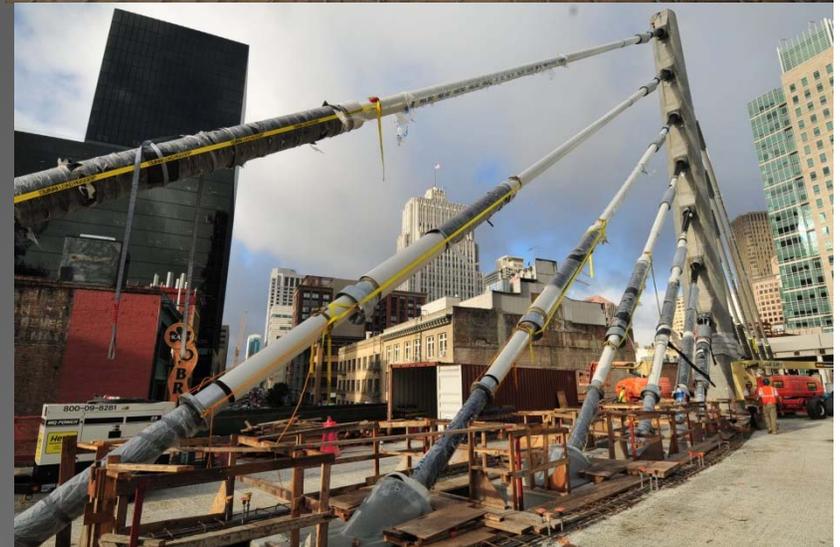




**Transbay Transit Center**

## ***2016 Milestones & Accomplishments*** **Construction – Bus Ramp**

- Completed all Bus Ramp concrete viaducts from the Bay Bridge to the Transit Center including the bus turnaround
- Completed the cable-stayed bridge with all cables installed by early November 2016
- Fabrication & installation of Frame 5 “Steel Span” connection to Transit Center will complete in February 2017
- Completed majority of all MSE and retaining walls in 2016 including backfill





# Transbay Transit Center

# 2016 Milestones & Accomplishments

## Transbay Transit Center Jobs Across the United States of America

As of November 30, 2016

### Washington

Thompson Metal, Vancouver  
Steel Columns & Transfer Girders  
Insulfoam, Puyallup  
Insulation  
McClean Iron Works, Everett  
Steel Frames

### Oregon

Marks Metal Tech, Clackamas  
Rolling & Metal Forming  
Oregon Sandblasting, Tualatin  
Metal Prep & Coating  
Oregon Iron Works, Clackamas  
Girders, Basket Columns  
American Steel/Lampros Steel, Portland  
Supply Steel Plates

### California

Gerdau, Napa /San Diego/Long Beach  
Reinforcing Bars  
XKT Engineering, Vallejo  
Cruciform SLRS Vertical Members  
Bratton Masonry Inc., Fresno  
Masonry  
Mageba, San Jose  
Pendulum Bearings  
ISAT, La Mirada  
Seismic Anchors  
TWI, Los Angeles  
Curtain Wall Steel Frames  
Harris Rebar, Livermore  
Reinforcing Bars  
Pacific Erectors, Rocklin  
Metal Wall Panel System  
The Herrick Corp, San Bernardino  
WF Shape, SLRS Steel Members  
DYWIDAG-Systems, Long Beach  
Reinforcing Bars/HS Rods  
NMI Industrial, Sacramento  
Steel for Stairs  
Desert Mechanical, Sylmar  
HVAC, Plumbing  
Mason Industries Inc, Anaheim  
Seismic bracing and Isolation  
Tiger Tanks, Bakersfield  
Fuel Tanks

### Idaho

Base Line Irrigation  
Irrigation Products

### North Dakota

GPK Products, Fargo  
PVC Pipe Fittings

### Kansas

Bradken, Atchison  
Large Steel Shapes  
Vioga, Wichita  
Pipe Fittings

### Nebraska

G4S Technology, Omaha  
Security Systems  
Diamond Plastic, Grand IIs  
PVC Pipe

### Missouri

Bradken, St. Joseph  
Cast Nodes  
Milbank, Kansas City  
Junction Boxes  
Carboline, St. Louis  
Performance Coatings  
H.E. Williams, Carthage  
Light Mountings  
Bull Moose Tube, Chesterfield  
Mechanical & Structural Tubing

### Minnesota

Innovent, Minneapolis  
Indoor Air Handling Unit  
Valspar, Minneapolis  
Extrusion Coatings  
Twin City Hose, Rogers  
Flexible Metal Hose

### Iowa

EFCO Corp, Des Moines  
Concrete Forms  
Elco Const., Decarah  
Metal Fasteners, Anchors  
Viking Pump, Cedar Falls  
Pumps

### Illinois

Delta Structures Inc, Addison  
Space Frame Design & Fab  
Scot Forge, Spring Grove  
Forged Pins  
Circle Metal Specialties, Alsip  
Custom Steel Design & Fab  
Allied Tube & Conduit, Harvey  
Rigid Steel  
Larson Engineering, Chicago  
Curtain Wall Engineering

### Kentucky

General Cable, Highland Heights  
Electrical Cable  
Republic Conduit, Louisville  
Electrical Conduit

### Michigan

Williams Form Eng, Belmont  
Supply HS Rods  
Ward Connector, Holland  
HVAC Components  
Crown Corr, Gary  
Curtain Walls/Awning  
RACO, South Bend  
EMT Fittings  
Nibco, Elkhart  
Flow Control Products  
Thermafiber, Wabash  
Mineral Wool Insulation

### Indiana

Well Pump Co, Cedarburg  
Water Heaters/Controls  
Wisconsin Centrifugal, Waukesha  
Spun Cast Pipes  
ClarkDietrich, West Chester  
Steel Framing

### Wisconsin

Well Pump Co, Cedarburg  
Water Heaters/Controls  
Wisconsin Centrifugal, Waukesha  
Spun Cast Pipes

### Ohio

Lincoln Electric, Euclid  
Welding Wire & Machines  
Metal Tek, Sandusky  
Spun Cast Pipe  
Arcto, Hannibal  
Steel Plates  
The Dyson Corp, Painesville  
HS Rods  
Picoma Industries, Cambridge  
EMT Elbows, Steel Conduit  
Columbia Eng. Rubber, Vandalia  
Rubber Bellows  
ClarkDietrich, West Chester  
Steel Framing

### New Hampshire

Burndy, Manchester  
Pipe Compression Connections

### New York

Hohmann & Barnard, Hauppauge  
Waterproofing  
Watson Bowman Acme, Amherst  
Structural Sealing Joint System  
Karp Assoc Inc, Melville  
Access Doors  
Garlock, Palmyra  
Pipe Fittings/Gaskets

### Massachusetts

Berry Plastics, Franklin  
Waterproofing  
Sarnafil, Canton  
Waterproofing

### Rhode Island

APC, West Kingston  
Uninterrupted Power Supply

### Connecticut

Larsen Products, Jessup  
Concrete Bonding Agents  
United Tech. Co., Farmington  
Security Systems

### Delaware

Belimo, Danbury  
Actuators

### West Virginia

American Airworks, Sophia  
Breathing Air Systems

### Pennsylvania

Ward Mfg, Blossburg  
Pipe Fittings  
ArcelorMittal, Coatesville  
Steel Plates  
Chapel Steel, Pottstown  
Steel Plates  
ESAB, Hanover  
Welding Materials  
Wheatland Tube Co., Scranton  
Conduit Locknuts, Bushings  
PPG Industries, Pittsburgh  
Industrial Coatings

### New Jersey

Barrett Roofs, Millington  
Waterproofing  
Sika Corp, Lyndhurst  
Waterproofing

### Maryland

US Bulletproofing, Hyattsville  
Glass Doors  
Larsen Products, Jessup  
Concrete Bonding Agents

### Delaware

Evazr Claymont, Claymont  
Steel Plates

### N. Carolina

Schindler, Clinton  
Escalators  
Nucor, Cofield  
Steel Plates

### Georgia

Galvan Ind., Inc, Harrisburg  
Grounding Rods  
Austin Elec., Yadkinville  
Grounding Rods

### S. Carolina

Otis, Florence  
Escalators  
Apollo Valves, Pageland  
Valves

### Alabama

Reliable, Geneva  
Louvers  
Jay R. Smith Mfg, Montgomery  
Landscape Drainage  
US Pipe and Foundry Company  
Pipes

### Georgia

Gardner Metal Sys., Acworth  
Curtain Walls  
Southwire Co., Carrollton  
Flexible Steel Conduit  
PNA Construction, Atlanta  
Dowel Aligners & Plates  
Superior Essex, Atlanta  
Fiber Optic Cables  
Tencate Mirafi, Pendergrass  
Mechanical Pads

### Tennessee

Grace, Mount Pleasant  
Foundation Water Proofing  
Nucor-Yamato, Blytheville  
Steel Shapes  
GRT Robber Tech, Paragould  
Bearing Pads

### Florida

Berg Steel Pipe, Panama City  
Steel Shapes  
Trullite, Tamarac  
Laminated Glass  
Gunderlin, Hialeah  
Elevator Cabs

### Texas

Encore Wire, McKinney  
Grounding Cable  
VSL, Forth Worth  
Cable Stay Bridge  
Joy Global, Longview  
Special Fabrication  
Wyman-Gordon, Houston  
Light Column Rings  
De Neef, Houston  
Waterstops

### Louisiana

Bradken, Amite  
Steel Shapes, Cast Nodes  
Gordon Incorp, Bossier City  
Metal Ceiling Design

### Utah

Star Seismic, Salt Lake  
Seismic Braced Frames

### New Mexico

Insight, Rio Rancho  
LED Lighting

### Oklahoma

Hilti, Tulsa  
Firestop Products, Anchors

### Colorado

Performance Pipe, Reno  
Geothermal System  
Southwest Specialty, Las Vegas  
Metal Ceilings

### Arizona

Stinger Bridge & Iron, Coolidge  
Cable Stay Steel Plates  
Coyote Steel, Fountain Hills  
Steel Beams for Falsework  
Clayton National, Scottsdale  
Fireproofing  
Vinyltech Corp, Phoenix  
PVC Pipes



### Total Jobs Created

Local: 11,993\* | Beyond SF Bay Area: 5,897

### Off-site Jobs Created



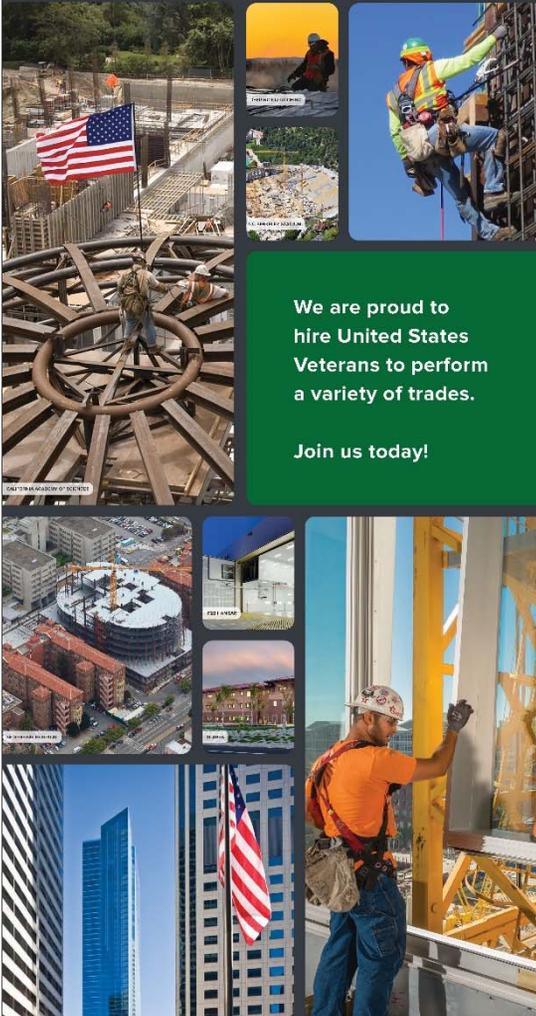
\* Jobs created in the San Francisco Bay Area from demolition of the old Transbay Terminal, construction of the Temporary Terminal, Transbay Transit Center and, Bus Ramp.



Transbay Transit Center

**WEBCORBUILDERS**

Hiring Our Heroes



We are proud to hire United States Veterans to perform a variety of trades.

Join us today!

## 2016 Milestones & Accomplishments Construction – Veterans Outreach

- Webcor/Obayashi worked with “Helmets to Hardhats” and other similar organizations to help veterans obtain work on the Transbay project and with other contractors
- Turner and Webcor/Obayashi hosted the first annual Veterans Day appreciation lunch for the dozens of veterans employed on the Transit Center project
- Attended the following Veteran/On-Base Career Fairs:
  - Marine Corps Muster Career Fair – San Jose
  - HIRE GI Veterans Career Fair – Alameda, Santa Rosa, San Diego
  - Hiring Our Heroes Veterans Career Fair – Los Angeles and Oakland
  - Naval Base Ventura County Spring and Fall Career Fairs
  - Naval Base San Diego Spring Career Fair
  - Marine Corps Camp Pendleton Career Fair



# *2016 Milestones & Accomplishments*

## **Safety and Labor Statistics**

### **2016 Recordable & Lost Time Incidents:**

<b>Recordable Incidents in Q4 time period:</b>	<b>1</b>	<b>Lost Time Incidents in Q4 time period:</b>	<b>1</b>
<b>Total Recordable Incidents in 2016:</b>	<b>9</b>	<b>Total Lost Time Incidents in 2016:</b>	<b>1</b>
<b>WOJV Average Annual Recordable Incident Rate 2011 Through 2015</b>	<b>4.35</b>	<b>WOJV Average Annual Lost Time Incident Rate 2011 Through 2015:</b>	<b>0.75</b>
<b>Nat'l/ State Annual Average Recordable Incident Rate 2011 Through 2015:</b>	<b>3.43</b>	<b>Nat'l/ State Annual Average Lost Time Incident Rate 2011 Through 2015:</b>	<b>1.85</b>

### **2016 Craft Hours:**

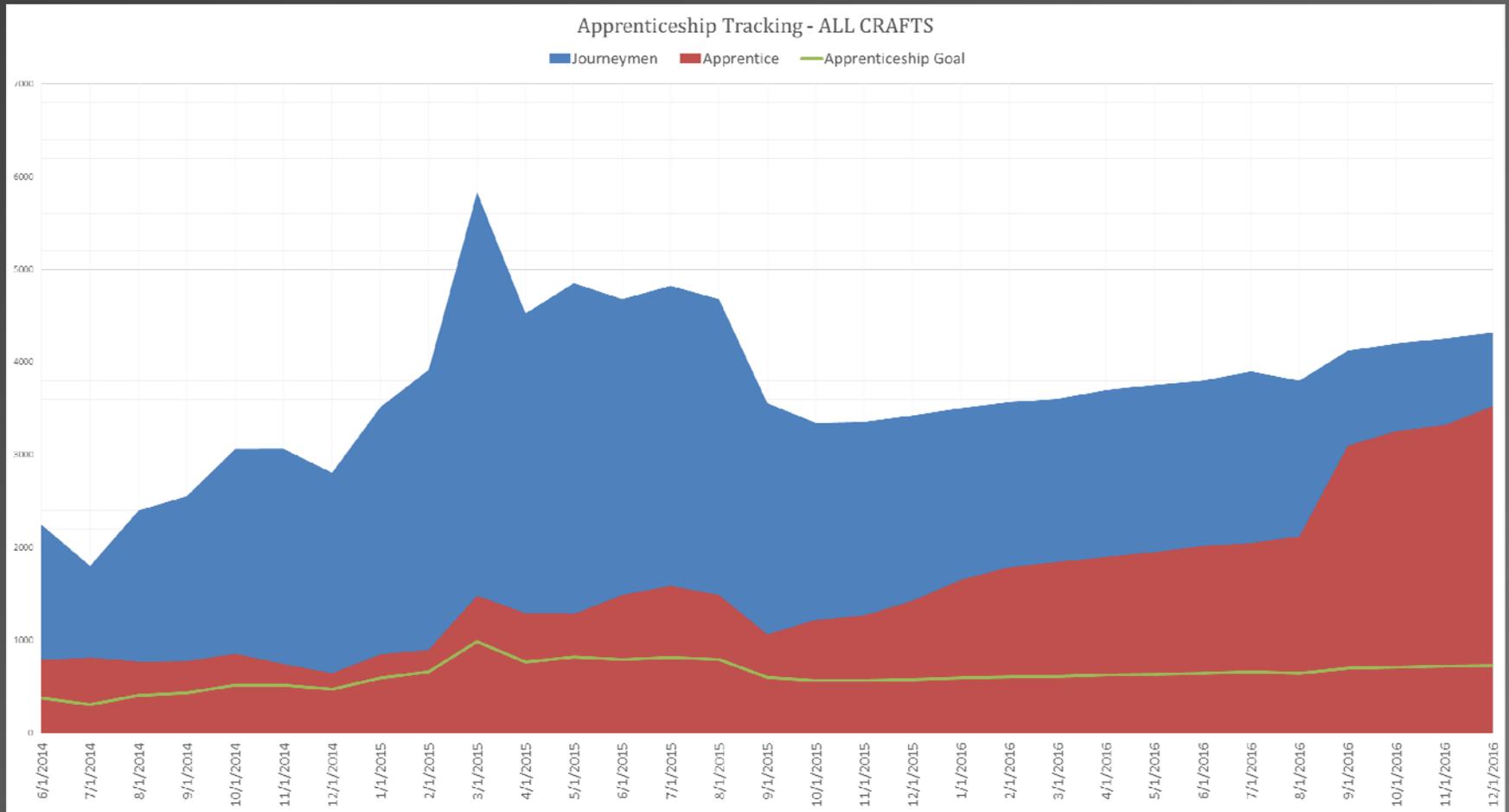
<b>Total Transit Center Craft Hours through Dec. 15, 2016:</b>	<b>Total Transit Center Year 2016 Craft Hours through Dec. 15, 2016:</b>
<b>2,845,498</b>	<b>919,171</b>



# 2016 Milestones & Accomplishments

## Apprenticeship Tracking

All Crafts thru 12/15/16





# *2016 Milestones & Accomplishments* **Labor Statistics**

## **Person Hours by Local Area**

	<b>Through December 15, 2016</b>	
<b>Location</b>	<b>Total Hours Completed</b>	<b>Percent of Total</b>
<b>East Bay (Alameda, Contra Costa, Solano)</b>	<b>1,213,436</b>	<b>43%</b>
<b>North Bay (Marin, Napa, Sonoma)</b>	<b>121,125</b>	<b>4%</b>
<b>South Bay (San Mateo, Santa Clara)</b>	<b>271,423</b>	<b>9%</b>
<b>San Francisco</b>	<b>419,854</b>	<b>15%</b>
<b>Other*</b>	<b>819,660</b>	<b>29%</b>
<b>Totals</b>	<b>2,845,498**</b>	<b>100%</b>

\*Other includes workers from throughout California including the Central Valley as well as workers from out of state who are onsite for specific tasks

\*\*Total hours are for the Transit Center construction work and do not include the initial Demolition work represented by a total of approximately 55,000 craft hours



## *2016 Milestones & Accomplishments* **Progress to date - Students**

### **2016 TJPA Summer Internship Program**

- **The TJPA hosted 4 local high school students interested in pursuing careers in engineering, design, finance and communication**
- **Turner hosted 2 local high school students interested in pursuing careers in construction**
- **Webcor/Obayashi hosted 3 college students and 1 high school student interested in pursuing careers in civil engineering and construction management**



**Transbay Transit Center**

**PLAN FOR 2017**  
**Construction &**  
**Operational Readiness**



## *Plan for 2017* **Construction – Bus Ramp**



- Complete all underground utility work in January 2017
- Cable-stayed bridge final jacketing by February 2017
- Bus Ramp Substantial Completion by April 2017
- Complete final punch list of the Bus Ramp roadways from Bay Bridge to the Transit Center by May 2017





## Construction – Transit Center

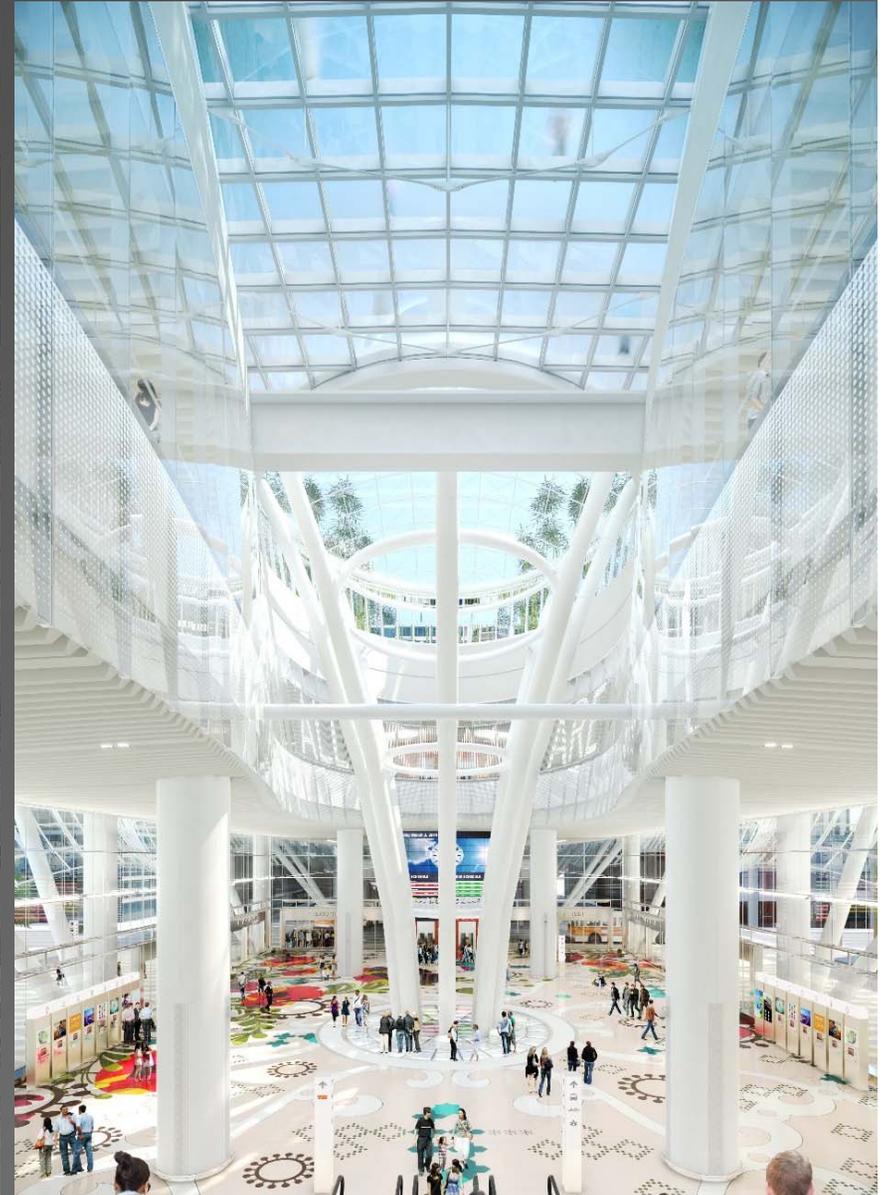


- Complete commissioning of critical systems and obtain Substantial Completion by December 22, 2017
- Complete installation and integration of data network and systems
- Complete installation and integration of audio visual equipment
- Complete installation of wayfinding and digital signage
- Complete installation of artwork



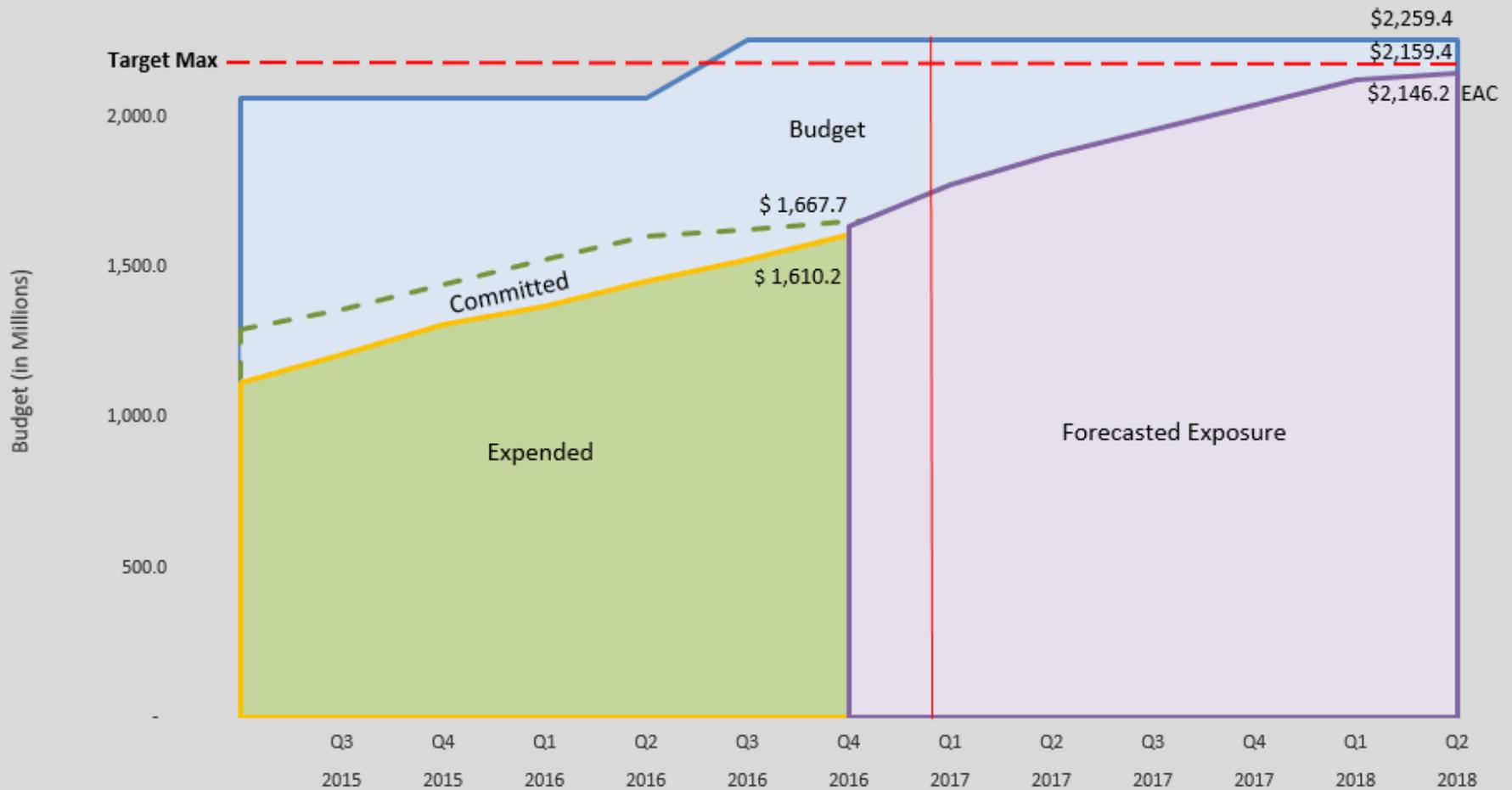
Transbay Transit Center

# Plan for 2017 Construction – Transit Center





## Phase 1 Transbay Transit Center Data thru: November 16

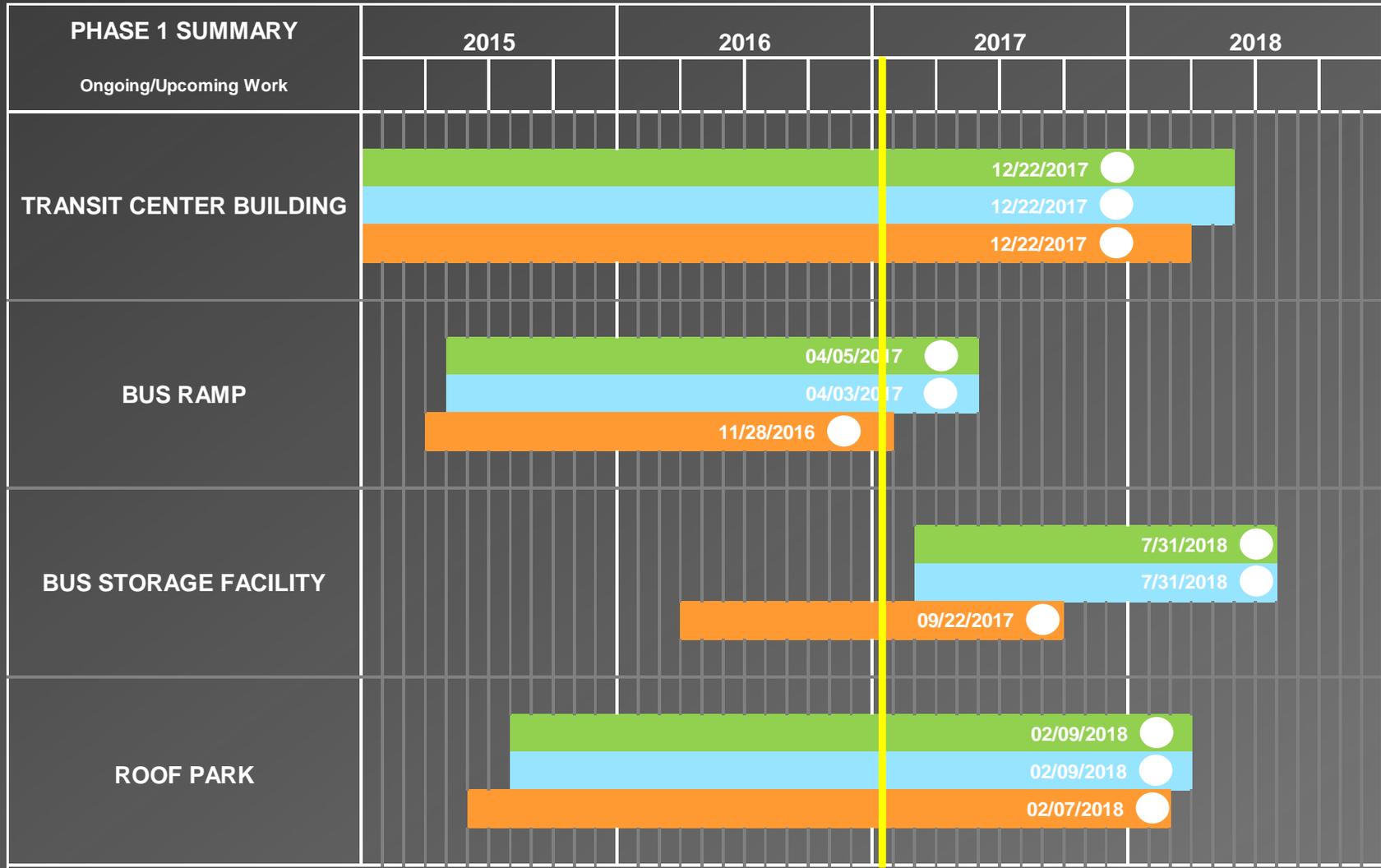


71% Program Budget  
85% Contract Time



# Transbay Transit Center

# Schedule



**LEGEND**  
■ Current Forecast    ■ Previous Report    ■ Baseline    ● Substantial Completion



# *Plan for 2017* **Operational Readiness**

## Distinct Areas of Activation

- AC Transit Bus Deck & Grand Hall
- Bus Plaza
- First Floor Retail
- Second Floor Retail
- Rooftop Park Retail
- Rooftop Park
- Security Operations Center





## Transit Operators

Bus Deck & Grand Hall

Training: August 2017

Activate: TBD

Greyhound Waiting Area

Tenant Improvements Start: TBD

Activate: TBD

Security Operations  
Center

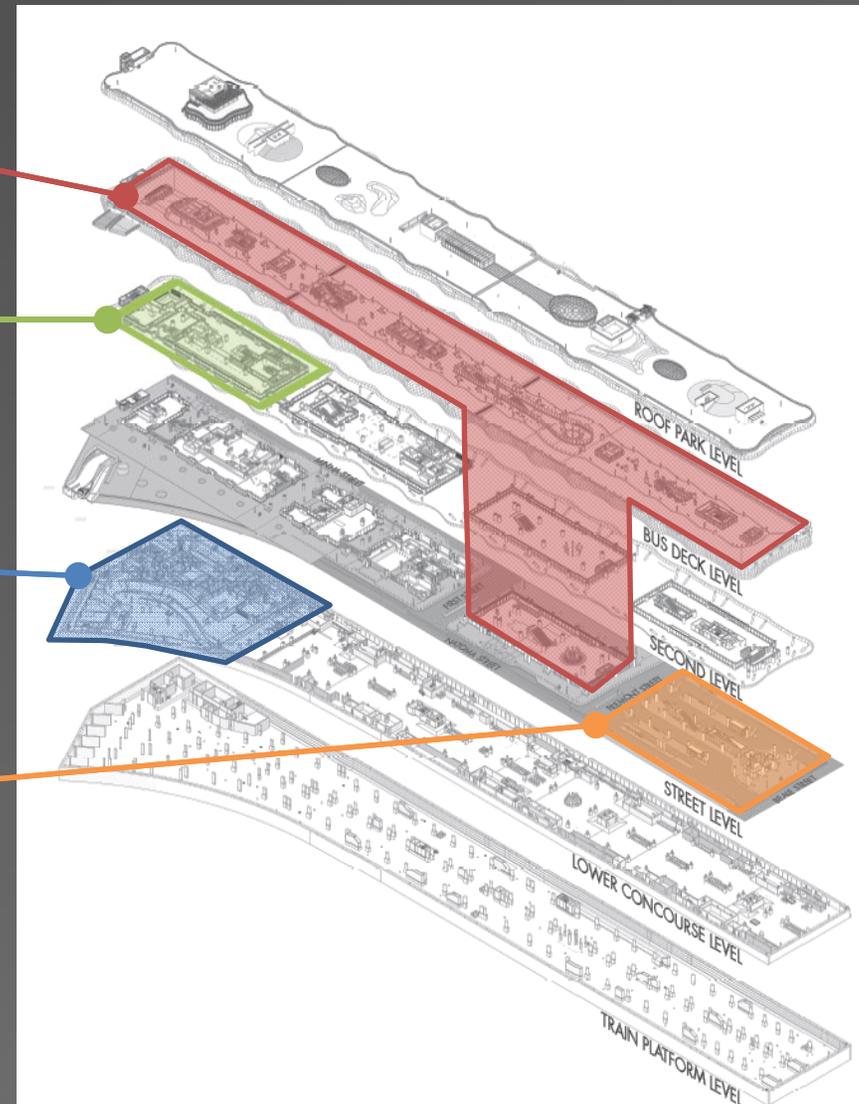
Training: October 2017

Activate: TBD

Bus Plaza

Training: July 2017

Activate: TBD





## Master Lessee

### Rooftop Park & Restaurant

Park Activation: February 2018

Restaurant TI: TBD

Restaurant Activation: TBD

### Second Floor Retail - West

Tenant Improvements Start: July 2017

Tenant Improvements Complete: TBD

Activate: TBD

### First Floor Retail - West

Tenant Improvements Start: July 2017

Tenant Improvement Complete: TBD

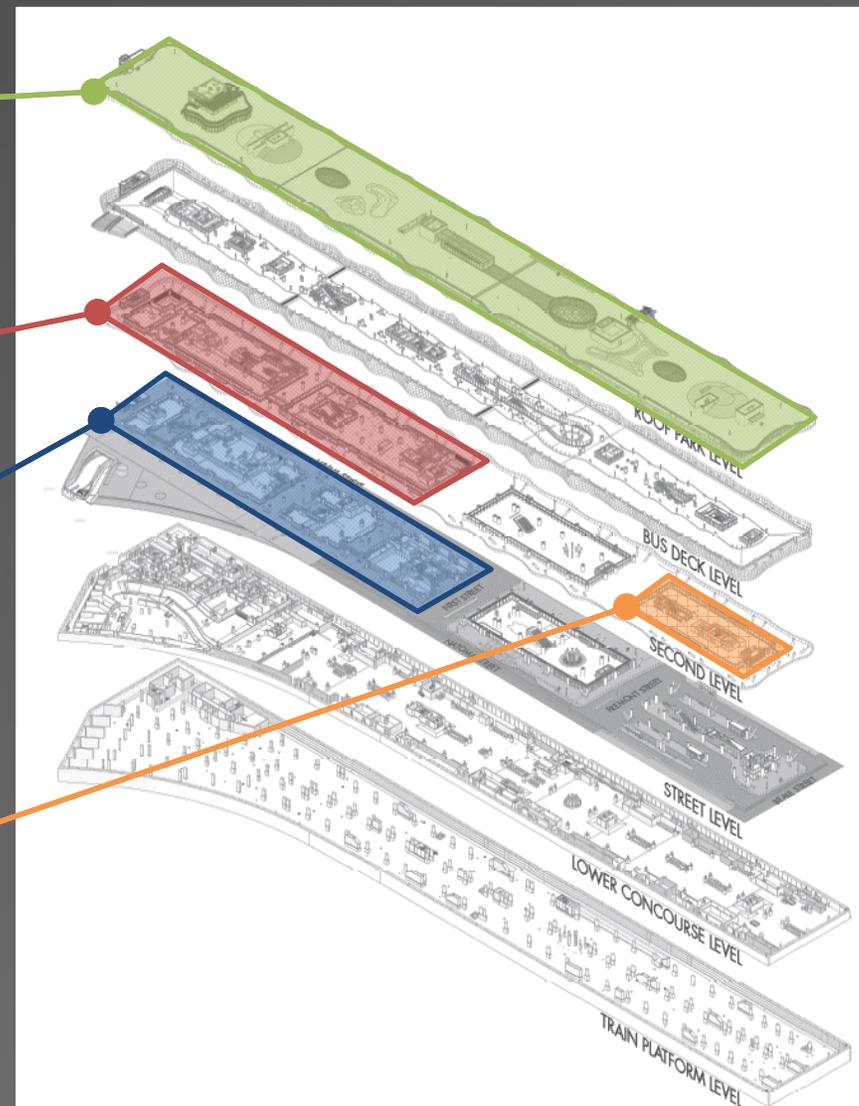
Activate: TBD

### Second Floor Retail - East

Tenant Improvements Start : July 2017

Tenant Improvement Complete: TBD

Activate: TBD





# **Operational Readiness**

## **Transition Planning & Responsibilities**

### **Transit Tenants and Operations**

- **AC Transit Bus Deck & Bus Plaza Fixtures, Furniture & Equipment & Tenant Improvements**
- **IT, Communications & Signage**
- **Bus Driver Training**

### **Facilities Operations & Maintenance**

- **Common Area & Back of House Support**
- **Provision & Training of Stationary Engineers, Custodial & Security**
- **Grounds Keeping & Maintenance**

### **Property Management & Leasing**

- **Retail Leasing**
- **Tenant Improvements**



# *Plan for 2017* **Operational Readiness**

## Pre-Activation Considerations

- MOU / Lease Agreements
- Onboard operational staff
- Security Guard RFP
- Cellular Distributed Antenna System Installation
- Outreach Activities
- Initiate Temporary Terminal Deactivation





## **Commissioning & Training**

### **Transit Agency Training**

- **Bus Deck: AC Transit, Amtrak, Greyhound, & WestCAT Driver Training**
- **Bus Plaza: Muni & Golden Gate Driver Training**

### **Building Commissioning & Systems Training**

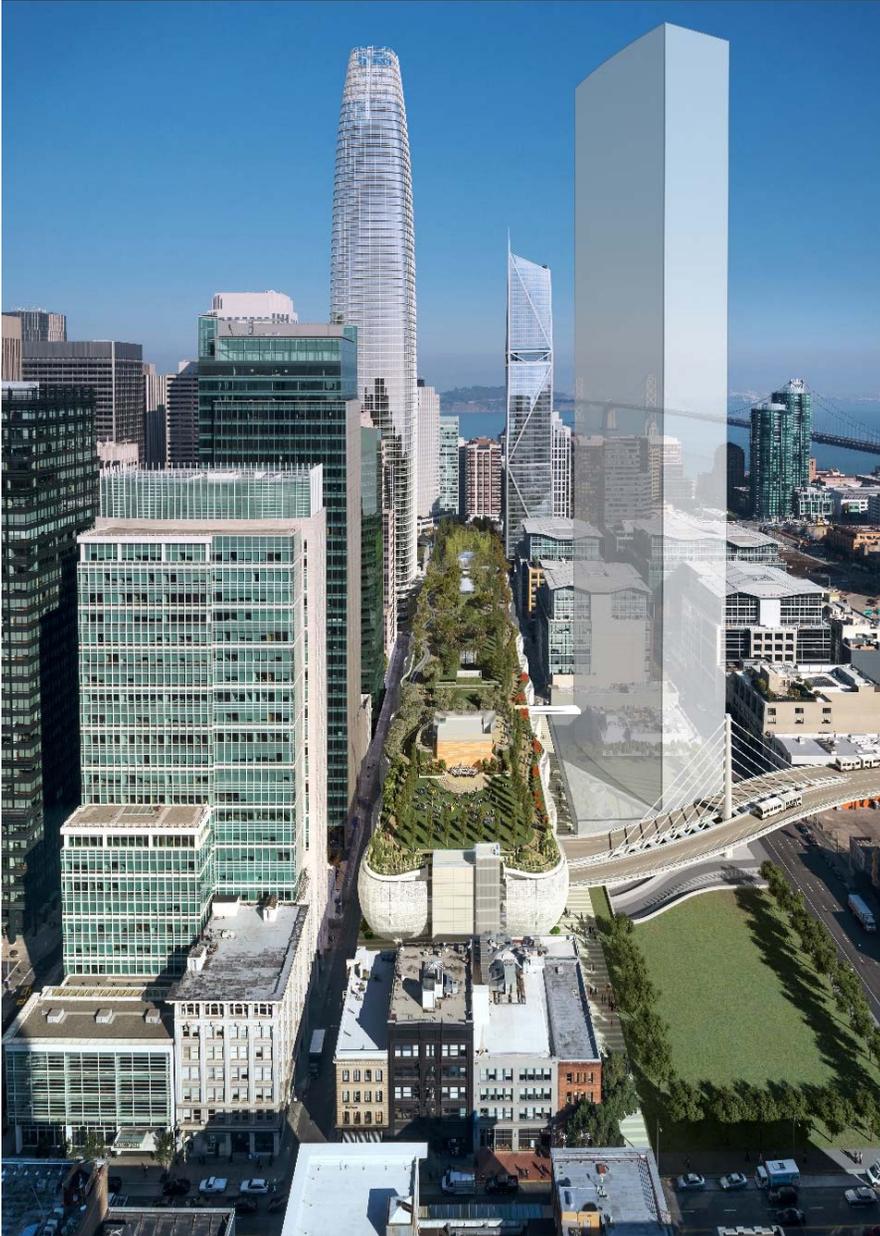
- **Master Lessee Facilities Training**
- **Webcor/Obayashi – Enovity Commissioning**
- **Security Staffing & Training**
- **Park Operations Staffing & Training**

### **Decommissioning Activity**

- **Vacate Block 4 / Temporary Terminal**



## Transbay Transit Center



Thank You

