IT’S TIME TO REBUILD.
Agenda

1. Process Update
2. Review Current Draft Program Plan
   • Funding categories
   • Sample projects
3. Next Steps
4. Comments
BETTER BART PROGRAM

Your input matters. Our process includes:

- 200+ Better BART Meetings
- Program Plan
- Draft Program Plan
- Stakeholder Feedback/Polling
- Finalize Program Plan
- Public Vote on Draft Program Plan
- Implement Mission-critical Investments
- Continue Critical Safety Projects

PROJECT TIMELINE:
- Dec 2014 - Sep 2015
- Oct 2015
- Nov 2015
- Dec 2015
- Jan 2016
- Feb 2016
- Jun 2016
- Nov 2016
What’s Included in the $3.5B Plan
The “Fix it First” Bond Will Address

**SAFETY**
Maintain BART’s record of safe operations

**RELIABILITY**
Improve BART’s performance reliability

**CROWDING & TRAFFIC RELIEF**
Strategically increase capacity to improve crowding, reduce traffic, increase system redundancy and resiliency, and accommodate growth
# Two Major Plan Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Budget</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair and replace critical safety infrastructure</td>
<td>$3.165 B</td>
<td>90%</td>
</tr>
<tr>
<td>Relieve crowding, reduce traffic congestion, &amp; expand opportunities to safely access stations</td>
<td>$335 M</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$3.5 B</strong></td>
<td></td>
</tr>
</tbody>
</table>
## Repair & Replace Critical Safety Infrastructure ($3.165 B)

<table>
<thead>
<tr>
<th>EXAMPLE PROJECTS</th>
<th>BOND FUNDS</th>
<th>REMAINING NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Renew track</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Replace 90 miles of rail</td>
<td>$625 M</td>
<td>Fully funded</td>
</tr>
<tr>
<td>• Rebuild interlockings</td>
<td>18%</td>
<td></td>
</tr>
<tr>
<td><strong>Renew power infrastructure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Refurbish/replace substations</td>
<td>$1.225 M</td>
<td>50% unfunded</td>
</tr>
<tr>
<td>• Replace backup power</td>
<td>35%</td>
<td></td>
</tr>
<tr>
<td><strong>Repair tunnels and structures</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Repair water damage intrusion in Market Street tunnels</td>
<td>*$570 M</td>
<td>66% unfunded</td>
</tr>
<tr>
<td>• Repair Berkeley Hills Tunnel fault creep</td>
<td>16%</td>
<td></td>
</tr>
</tbody>
</table>
# Repair & Replace Critical Safety Infrastructure ($3.165 B)

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<th>EXAMPLE PROJECTS</th>
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<tr>
<td>Renew mechanical infrastructure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Refurbish/replace fire safety infrastructure</td>
<td>$135 M</td>
<td>63% unfunded</td>
</tr>
<tr>
<td>• Refurbish/replace repair shop infrastructure</td>
<td>3.8%</td>
<td></td>
</tr>
<tr>
<td>Renew stations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Invest in safety, security &amp; reduce fare evasion</td>
<td>*$210 M</td>
<td>81% unfunded</td>
</tr>
<tr>
<td>• Repair/replace escalators elevators</td>
<td>6%</td>
<td></td>
</tr>
<tr>
<td>Replace train control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Modernize train control infrastructure</td>
<td>$400 M</td>
<td>Fully funded</td>
</tr>
<tr>
<td>• Expand rail car storage and maintenance capacity</td>
<td>11.4%</td>
<td></td>
</tr>
</tbody>
</table>
Relieve crowding, reduce traffic, & expand opportunities to safely access stations ($335 M)

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<th>EXAMPLE PROJECTS</th>
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<th>REMAINING NEED</th>
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<tbody>
<tr>
<td>Expand opportunities to safely access stations</td>
<td>$135 M</td>
<td>57% unfunded</td>
</tr>
<tr>
<td>• Enhance access for seniors/disabled</td>
<td>3.9%</td>
<td></td>
</tr>
<tr>
<td>• Improve parking availability/bike access</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Future crowding relief</td>
<td>$200 M</td>
<td>N/A</td>
</tr>
<tr>
<td>• Add more crossovers</td>
<td>5.7%</td>
<td></td>
</tr>
<tr>
<td>• 2nd Transbay crossing</td>
<td></td>
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</tbody>
</table>

EXAMPLE PROJECTS:

- Enhance access for seniors/disabled
- Improve parking availability/bike access
- Add more crossovers
- 2nd Transbay crossing
Renew Power Infrastructure ($1225m)

Example Projects

Replace original power distribution infrastructure

Refurbish and replace electrical substations

Replace and upgrade backup power supplies
Repair Tunnels and Structures ($570m)

Example Projects

Repair damage from water intrusion in the Market Street tunnels

Repair damage from water intrusion in stations

Repair Hayward Fault Creep within the Berkeley Hills Tunnel
Renew Mechanical Infrastructure ($135m)

Example Projects

Refurbish and replace fire safety infrastructure

Refurbish and replace water management infrastructure

Refurbish and replace repair shop infrastructure
Renew Stations ($210m)

Example Projects

Invest in safety, security, and reduced fare evasion

Repair, replace, and upgrade escalators and elevators to increase capacity and improve stations for people with disabilities

Upgrade stations to better reflect and connect to surrounding communities
Replace Train Control and Other Major System Infrastructure to Increase Peak Period Capacity ($400m)

Example Projects

- Modernize train control infrastructure
- Expand rail car storage and maintenance capacity
- Upgrade Traction power capacity
Replace Train Control and Other Major System Infrastructure to Increase Peak Period Capacity ($400m)

Example Projects

- Crossover tracks
- Turnback tracks
- Storage tracks
- Station platform doors
- 2nd Transbay crossing
Expand Opportunities to Safely Access Stations ($135m)

**Example Projects**

- Enhance access for seniors and people with disabilities
- Improve parking availability
- Expand bicycle facilities
- Renew bus intermodal facilities
Renew Track ($625m)

Example Projects

- Replace 90 miles of original rails
- Rebuild major interlockings
- Replace critical supporting track infrastructure
INDEPENDENT OVERSIGHT COMMITTEE

• Audit bond expenditures
• Ensure work is completed in accordance with the bond
• Publish an annual, public, independent report
### Funding

<table>
<thead>
<tr>
<th>UNFUNDED</th>
<th>FUNDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Need:</strong> $9.6B</td>
<td></td>
</tr>
<tr>
<td><strong>$1.3B</strong></td>
<td>Federal, State, Regional and County Funding Requests</td>
</tr>
<tr>
<td><strong>$3.5B</strong></td>
<td>Potential 2016 BART “Fix-it-first” Funding Measure</td>
</tr>
<tr>
<td><strong>$4.8B</strong></td>
<td>Programmed Funding</td>
</tr>
</tbody>
</table>

All figures are in 2013 dollars
FLEET OF THE FUTURE
BENEFITS TO THE REGION

30% more trains
Through the transbay tube in the peak hour

40% less delays
Projected reduction of infrastructure-related delays

8,500 fewer cars
Crossing the Bay Bridge in the peak hour
**AM PEAK HOUR TRAFFIC (WESTBOUND)**

- **Bay Bridge:** 10k
- **Transbay Tube:** 25k

**14,200** people in cars* per hour move over the Bay at rush hour

**28,000** people per hour move under the Bay at rush hour

*Assumes average of 1.7 persons per vehicle (Caltrans)
More transbay trips in peak with 306 more train cars

<table>
<thead>
<tr>
<th>Today</th>
<th>2026</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>28,000 Riders</td>
<td>45,800 Riders</td>
<td>63% increase</td>
</tr>
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</table>
THANK YOU!

- Safety & Reliability
- Crowding & Traffic Relief
- Station Access

bart.gov/betterbart  #askbetterbart