2014 Transportation and Road Improvement Bond Request for First Bond Issuance
CPC Approval Sought

Items to approve:

(a) Authorization to issue up to $67,540,000 in 2015 Transportation and Road Improvement General Obligation Bonds; and

(b) The associated supplemental appropriation.
Transportation 2030 Overview

Findings of Mayor’s Transportation Task Force:

$10 BILLION TRANSPORTATION FUNDING NEED THRU 2030

$3.7 BILLION IN EXISTING FUNDING

$3 BILLION IN TTF FUNDING

$3.3 BILLION UNFUNDED

T2030 2014 Ballot Initiative: $500M GO Bond

T2030 Future Recommendations: $1B VLF, $500M GO Bond, $1B Sales Tax

* After the release of the TTF’s findings, in November 2014, voters approved Prop B which increased the general fund set-aside to SFMTA to improve Muni and increase safety.
$500M G.O. bond for transportation included in 2014-2023 Capital Plan

Bond passed in November 2014 with almost 72% approval

Along with the 2014 increase to general fund set-aside, represents a critical investment in meeting $10B need
Outcomes: Improved Transit

- Improve travel time by up to 20% on Muni Rapid Network routes that serve **280,000 each day**
- **40 miles** of transit priority improvements, saving customers up to an hour a week in travel time.
- Contribute to **capital improvements on Caltrain** to increase service frequency, reduce emissions and decrease fuel costs
- **Modernize Muni facilities** to keep more buses and trains in service, improving reliability citywide
Outcomes: Safer Streets

- **Over $300 million** in infrastructure upgrades to support **Vision Zero**
- Protect people walking with **targeted safety improvements** on our highest-injury corridors
- **Build up to 27 miles of bicycle network** upgrades; creating a safer, more well-defined bicycle network to reduce conflict and improve safety for all users
## Appropriation of First Issuance

<table>
<thead>
<tr>
<th>Improved Transit</th>
<th>Total Budget (in Millions)</th>
<th>Proposed Appropriation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faster, More Reliable Transit</td>
<td>$230</td>
<td>$51.4</td>
</tr>
<tr>
<td>Accessibility Improvements</td>
<td>$30</td>
<td>$0</td>
</tr>
<tr>
<td>Muni Facility Upgrades</td>
<td>$70</td>
<td>$0</td>
</tr>
<tr>
<td>Major Transit Corridor Improvements</td>
<td>$28</td>
<td>$8.5</td>
</tr>
<tr>
<td>Safer Streets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pedestrian Safety Improvements</td>
<td>$68</td>
<td>$6.1</td>
</tr>
<tr>
<td>Traffic Signal Improvements</td>
<td>$22</td>
<td>$0</td>
</tr>
<tr>
<td>Complete Streets Improvements</td>
<td>$52</td>
<td>$0</td>
</tr>
<tr>
<td>Estimated Cost of Issuance and Fees</td>
<td>$52</td>
<td>$1.5</td>
</tr>
<tr>
<td>Total</td>
<td>$500</td>
<td>$67.5</td>
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</tbody>
</table>
Transit Project Selection

Project selection factors:

- Project readiness & coordination with other departments
  - 8 projects are ready to go out to bid or into construction with these funds
  - Remaining projects include both design and construction

- Maximizing benefit (time saved per customer)
- Benefitting low income and minority neighborhoods
- Overlap with pedestrian and transit safety issues
Faster, More Reliable Transit

Muni Forward ($43.6 M)
- 1st issuance is for 14 of 21 projects to be funded by the bond
- Improve transit time and reliability on routes serving more than 100,000 customers daily

Caltrain CBOSS ($7.8 M)
- Funds construction of Positive Train Control System
- Improves safety, increases capacity and reliability, and helps enable electrification
## Transit Project Schedules

### Planning and Outreach
- Design, Bid & Award
- Construction

### Transportation and Road Improvement Bond

#### Q1 Q2 Q3 Q4

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Total Budget</th>
<th>1st Issuance</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Haight-Noriega: Haight Street Rapid Project</td>
<td>$14,171,000</td>
<td>$10,655,000</td>
</tr>
<tr>
<td>10 Townsend: Sansome Contraflow Signals</td>
<td>$2,059,000</td>
<td>$1,872,000</td>
</tr>
<tr>
<td>9 San Bruno: 11th St and Bayshore Blvd Rapid Project</td>
<td>$4,840,000</td>
<td>$4,400,000</td>
</tr>
<tr>
<td>5 Fulton: East of 6th Ave (Inner) Rapid Project</td>
<td>$5,500,000</td>
<td>$4,800,000</td>
</tr>
<tr>
<td>N Judah: Arguello to 9th Ave Rapid Project</td>
<td>$4,008,000</td>
<td>$2,820,000</td>
</tr>
<tr>
<td>30 Stockton: East of Van Ness Ave Transit Priority Project</td>
<td>$5,039,000</td>
<td>$2,659,200</td>
</tr>
<tr>
<td>30 Stockton: Chestnut St (W of VN) Transit Priority Project</td>
<td>$9,578,000</td>
<td>$5,429,000</td>
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<tr>
<td>14 Mission: Division to Randall (Inner) Rapid Project</td>
<td>$7,224,000</td>
<td>$514,000</td>
</tr>
<tr>
<td>22 Fillmore: OCS on Church/Duboce (overhead lines)</td>
<td>$2,000,000</td>
<td>$800,000</td>
</tr>
<tr>
<td>22 Fillmore: OCS on 16th St &amp; Kansas (overhead lines)</td>
<td>$748,000</td>
<td>$748,000</td>
</tr>
<tr>
<td>33 Stanyan: OCS on Guerrero (overhead lines)</td>
<td>$4,415,000</td>
<td>$2,943,333</td>
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<tr>
<td>28 19th Avenue: 19th Ave Rapid Project</td>
<td>$22,965,000</td>
<td>$4,125,000</td>
</tr>
<tr>
<td>14 Mission: Mission &amp; S Van Ness Transit Priority Project</td>
<td>$2,070,000</td>
<td>$1,390,000</td>
</tr>
<tr>
<td>30 Stockton: Terminal OCS Upgrades (overhead lines)</td>
<td>$4,307,000</td>
<td>$493,000</td>
</tr>
</tbody>
</table>

#### FY 15/16 FY 16/17 FY17/18

- Q1
- Q2
- Q3
- Q4

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*Figures in millions.*
Transit Project Locations
Major Corridor Project Selection

Project selection factors:

- Role in the transportation system
- Community planning and support
- Social and geographic equity goals
- Safety and Vision Zero goals
- Strategic transportation system goals
- Environment and quality of life in San Francisco
Major Transit Corridor Improvements

Better Market Street ($8.5 M)

- Improve speed and reliability along San Francisco’s most heavily used transit corridor and improve safety and comfort for people walking and bicycling
- Funds will be used to initiate design
## Major Corridor Improvement Project Schedule

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Total Budget</th>
<th>GO Bond- 1st Issuance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Better Market Street</td>
<td>$405,000,000</td>
<td>$8,500,000</td>
</tr>
</tbody>
</table>

**Note:** Preliminary design will commence in FY 15/16, concurrent with completion of planning and environmental review. This design work will aid in the environmental review process and facilitate project delivery on schedule.
Safer Streets: Project Selection

Project selection factors:

- Number of severe and fatal injuries to people walking over a five-year period
- Number of injuries to older adults (over 65)
- Number of injuries to children (under 17)
- “Communities of Concern,” a social equity metric as defined by Metropolitan Transportation Commission
- Opportunities for coordination with other construction projects
Pedestrian Safety Improvements

- New or improved signals at more than 25 high-injury network intersections ($1.4M)
- Curb bulbs at 19 high-injury network intersections ($1.3M)
- Design of Geary pedestrian improvements ($300k)
- Additional pedestrian safety improvements coordinated with Muni Forward ($3.3M)

This investment enables design of a new wave of safety improvements. It complements SFMTA’s current safety-focused capital projects and upcoming quick and effective improvements planned for implementation in FY 15/16.
# Safer Street Project Schedules

**Transportation and Road Improvement Bond**

**Planning and Outreach**
- Q1
- Q2
- Q3
- Q4

**Design, Bid & Award**
- Q1
- Q2
- Q3
- Q4

**Construction**
- Q1
- Q2
- Q3
- Q4

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Total Budget</th>
<th>GO Bond- 1st Issuance</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Signals on High Injury Corridors</td>
<td>$3,000,000</td>
<td>$510,000</td>
</tr>
<tr>
<td>Add PCS to High Injury Corridors</td>
<td>$4,200,000</td>
<td>$840,000</td>
</tr>
<tr>
<td>Curb Bulbs on High Injury Corridors</td>
<td>$9,000,000</td>
<td>$1,127,000</td>
</tr>
<tr>
<td>Geary Pedestrian Improvements</td>
<td>$3,349,000</td>
<td>$300,000</td>
</tr>
<tr>
<td>Pedestrian Safety Improvements Related to Muni Forward</td>
<td>$3,316,000</td>
<td>$3,316,000</td>
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</tbody>
</table>

**Schedules**: Will coincide with Muni Forward project schedules.
Safer Streets Project Locations

- Pedestrian High Injury Corridors
- MuniForward Priority Projects
- Proposed Concrete Bulb Locations (19)
- Proposed Signal Locations (8)
- Proposed RRRB Locations (2)
- Proposed Geary Bulb Locations (10)
- Proposed Geary PCS Locations (3)
## Transportation and Road Improvement Bond

### Tentative Issuance Schedule

<table>
<thead>
<tr>
<th>Project</th>
<th>May 2016</th>
<th>May 2017</th>
<th>November 2018</th>
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</thead>
<tbody>
<tr>
<td>Improved Transit</td>
<td>$114,480,000</td>
<td>$219,320,000</td>
<td>$100,340,000</td>
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<tr>
<td>Safer Streets</td>
<td>$21,500,000</td>
<td>$55,300,000</td>
<td>$59,100,000</td>
</tr>
<tr>
<td>Total</td>
<td>$114,480,000</td>
<td>$219,320,000</td>
<td>$100,340,000</td>
</tr>
</tbody>
</table>
Transportation and Road Improvement Bond

Risks & Challenges

- **Schedules:**
  - Community outreach still needed on some projects funded by later bond sales

- **Coordination:**
  - Some projects are delivered in coordination with other agencies and include scopes funded by other departments
  - Some projects led by other agencies, including Public Works, Caltrain & BART

- **Staff resources:**
  - SFMTA and Public Works are hiring staff to address this need