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**LONG BEACH**  
*The Green Port*

# Transforming the Marine Transportation System: A Vision for Research and Development

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June 30, 2010

# San Pedro Bay Ports



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- Ports of Long Beach and Los Angeles combine to form the San Pedro Bay Ports - the fifth largest container port complex in the world
- The Port of Long Beach consists of 2,700 acres of land and more than 4,500 acres of water
- In 2009, Port of Long Beach and Port of Los Angeles generated 5.1M and 6.7M TEUs, respectively, making them the busiest two container ports in the Nation
- The Port supports 1 in every 29 jobs in the 5-County SCAG region resulting in \$14.3B in wages

# Challenges

- Reduce environmental impacts
- Accommodate existing/anticipated throughput
- Balance Investments and Demand



- Clean Air Action Plan (CAAP)
  - Clean Trucks Program (\$206 Million)
  - Technology Advancement Program (\$15 Million)
  - Vessel emission reductions (\$201.8 Million)
- Infrastructure Projects
  - Rail infrastructure by 2020 (\$1.4 Billion)
  - Replace Gerald Desmond Bridge (\$1.125 Billion)
- Marine Terminal Projects
  - Redevelopment (\$950 Million)
  - Development (\$600 Million or more)

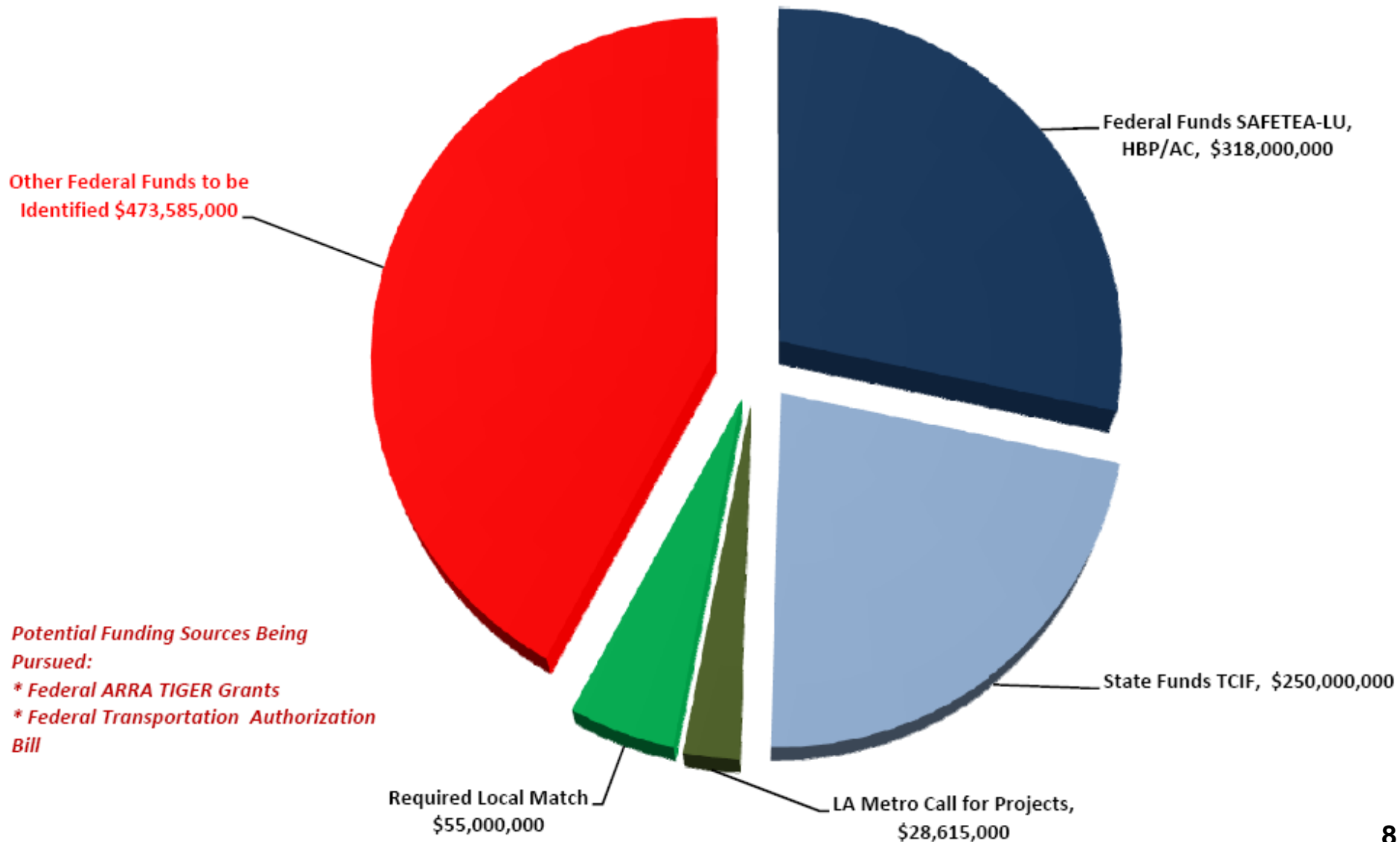
# The Gerald Desmond Bridge Replacement Project



# “A Bridge to Everywhere”

- Carries approximately 15% of all U.S. waterborne container volume
- Included in the “Projects of National & Regional Significance” and “High-Priority Project” programs of SAFETEA-LU (\$100 million)
- A high priority project in the State of California *Goods Movement Action Plan*
- Designated as a National Highway System Intermodal Connector Route

# Current Funding Plan





# Many Challenges Ahead

- Identifying New Revenue Sources
- Developing National Performance Measures
- Providing Federal Environmental Guidance (GHG)
- Prioritizing MTS Projects



# *Thank you*



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Additional Questions? Please contact:

Jolene Hayes

Transportation Development Manager

[hayes@polb.com](mailto:hayes@polb.com)