



Division of Transportation Programming

(<http://www.dot.ca.gov/hq/transprog>)

Overview of Transportation Programming

- Funding
- Programming
 - CIP
 - SHOPP
 - FSTIP
- CTC

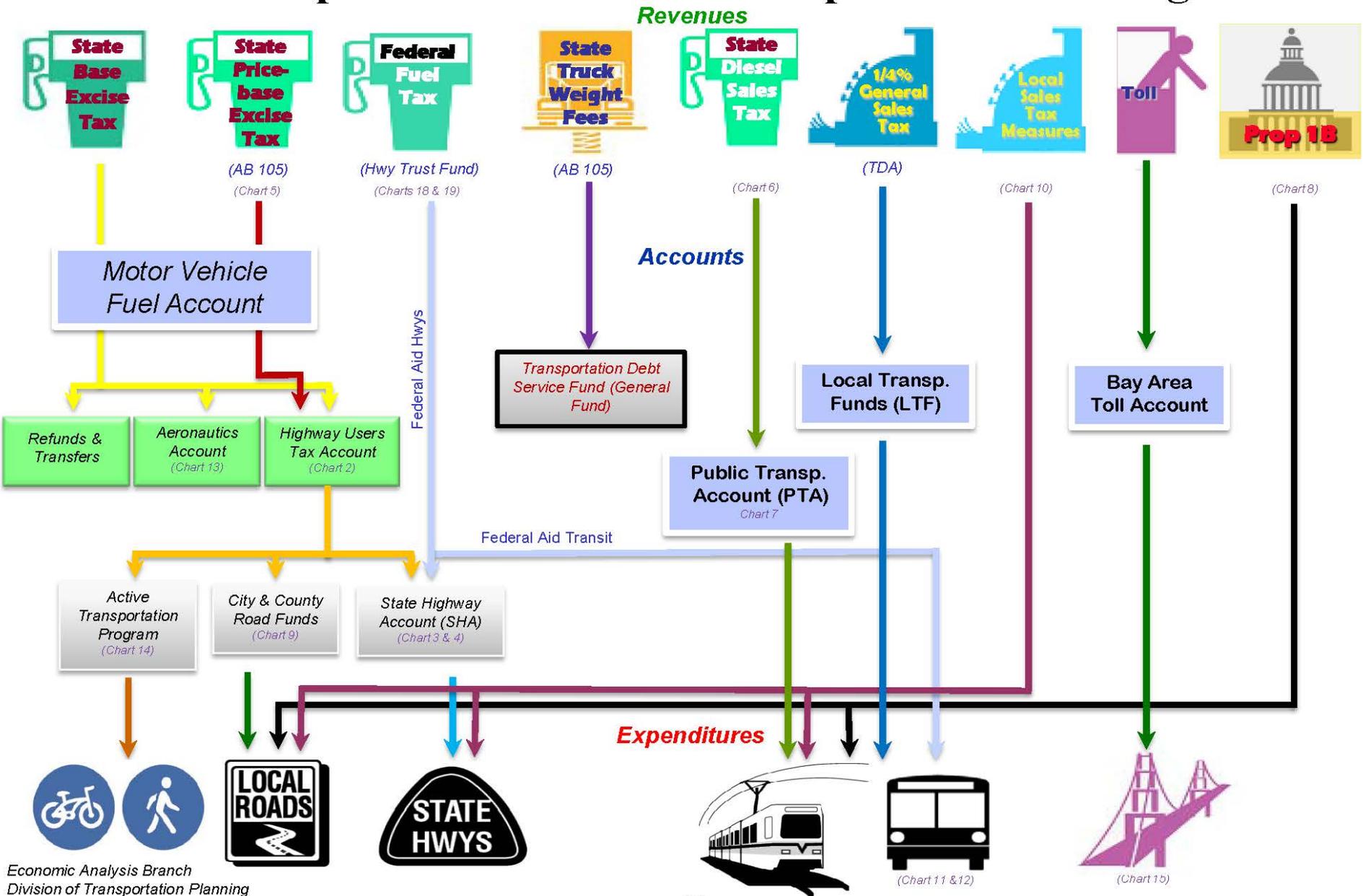


California is Big

Total Statewide Annual Program - \$20.9 B

- Federal-aid Highway Funding – \$3.4B
- Federal Transit - \$1.5B
- Regional - \$1B
- State Funding - \$5.3 B
- Local Funding - \$9.7 B

A Simplified Overview of Transportation Funding



Gasoline Tax

- State Excise Tax: \$0.395
- Federal Excise Tax: \$0.184
- Other State Taxes/Fees: \$0.1297
- Total taxes/fees collected per gallon of gasoline: \$0.7087

Federal Funds

Federal Transportation Acts

Every six years congress passes and the president signs a Transportation Act

- Moving Ahead for Progress in the 21st Century Act (MAP-21); June 2012
- Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (SAFETEA-LU), August 2005
- Prior Acts: TEA-21(1998), ISTEA (1991)

Federal Funds

Highway Trust Fund

18.4 cents/gal gasoline & 24.4 cents/gal diesel

- FHWA (Highway) 85%
 - Formula funds (CMAQ, STP, NHS, IM, Bridge)
 - Discretionary Funds
 - Earmarks, High Priority Programs
- FTA (Transit) 15%
 - Urbanized Area Formula Program (5307)
 - Bus and Bus Facilities (5309, 5318)
 - Other transit related grants and programs

California receives approximately 90% of its contributions of collected taxes.

State Funds

- State fuel tax 18cent/gal gasoline and diesel
- Truck Weight Fees (\$1 billion/year)
- State Sales Tax 7.25%
- Proposition 1B Bond \$19.9 Billion

State Funds

Programs

- SHOPP: Operation, Safety and, Maintenance
- STIP: 25% IIP for Caltrans, 75% RIP for RTPAs
 - State Highway System
 - Local Roads
 - Public Transit
 - Intercity Rail

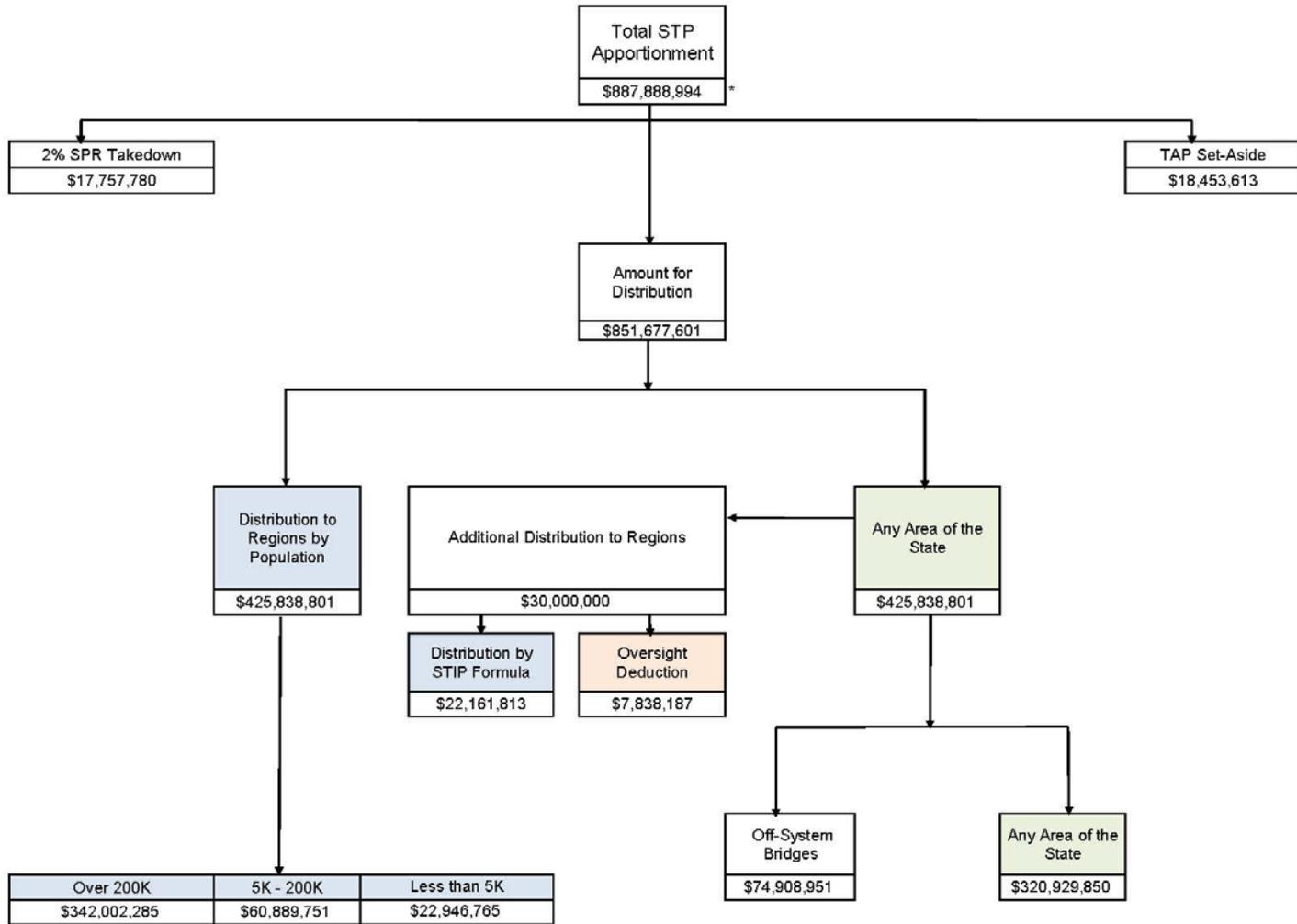
Local Funds

- Local Sales Tax Measures
- Transit Fairs
- Local Generated Funds: Property Taxes, Developer Fees, Street Assessments, Bonds, Fines

Distribution of Funds

- Caltrans Distributes Federal Formula Funds to MPOs/RTPAs. CMAQ, RSTP and ARRA
- State STIP funds 25% to State, 75% to RTPAs.

Estimated FFY 2013/14 Surface Transportation Program (STP) Distribution

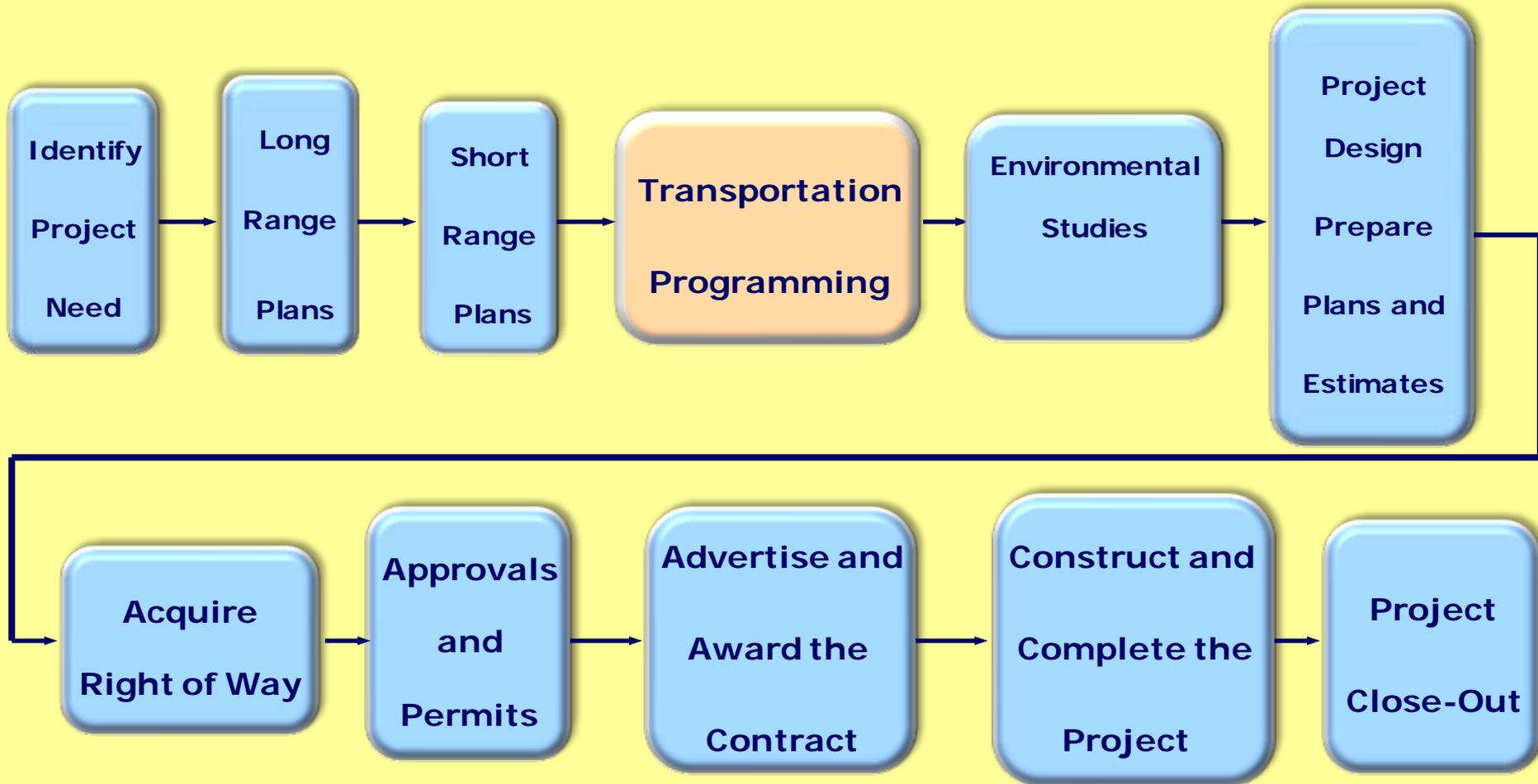


* Per FHWA Notice 4510.772 dated January 31, 2014

Programming

- Transportation Programming is the public decision making process which sets priorities and identifies projects envisioned in long-range transportation plans. It matches expected revenues over a multi-year period to transportation projects.
- Transportation Programming is the preparation, management, and administration of project programming documents required under state and federal statutes.

Project Life Cycle



Types of Programs

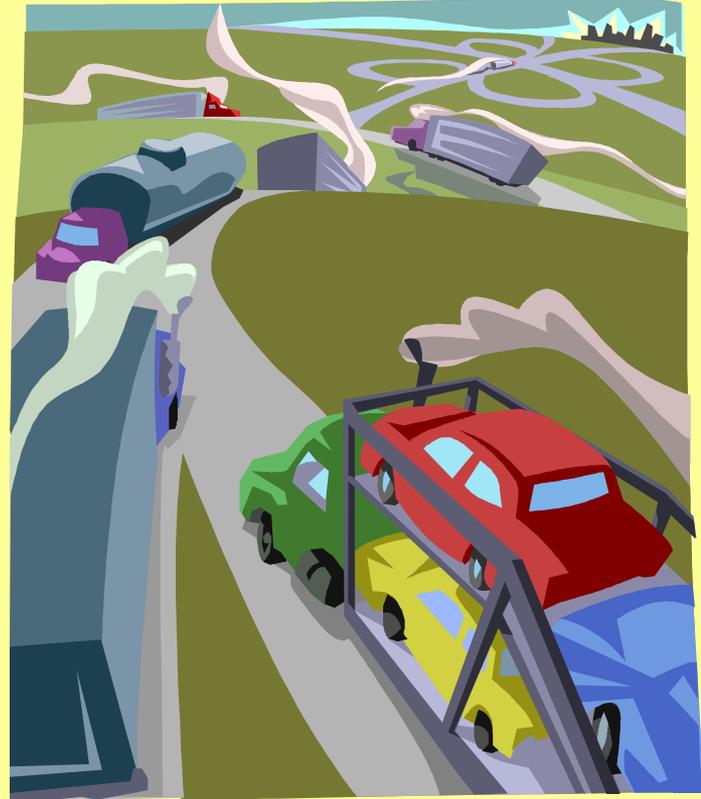
- Capital Improvement Programs; STIP, TCRP, Prop 1B Bond (ie. CMIA, SR99, TCIF etc.)
- State Highway Operation and Protection Program (SHOPP)
- Federally Funded Local Projects (RSTP, CMAQ, HBP, HPP/Demo)

Office of Capital Improvement Program (Bond Programs, STIP, and TCRP)

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Office of Capital Improvement Programming (OCIP)

Management of programs for *On-System projects*

- State Transportation Improvement Program (STIP)
- Traffic Congestion Relief Program (TCRP)
- Proposition 1B Transportation Bond program including;
 - Corridor Mobility Improvement Account (CMIA)
 - State Route 99 Corridor (SR 99) bond.
 - Trade Corridor Improvement Fund (TCIF)
 - State-Local Partnership Program Account (SLPP)

STIP

- 5 yr. program updated biennially and adopted by CTC
- Based on a Fund Estimate of anticipated revenue over the 5 year period.
- Comprised of projects nominated by:
 - **The Department** under the Interregional Transportation Improvement Program (ITIP) funded by Interregional Improvement Program (IIP) funding.
 - **The Regions** under their Regional Transportation Improvement Program (RTIP) funded by Regional Improvement Program (RIP) funding.
- Projects are either **capacity increasing** or **improve operational performance**.

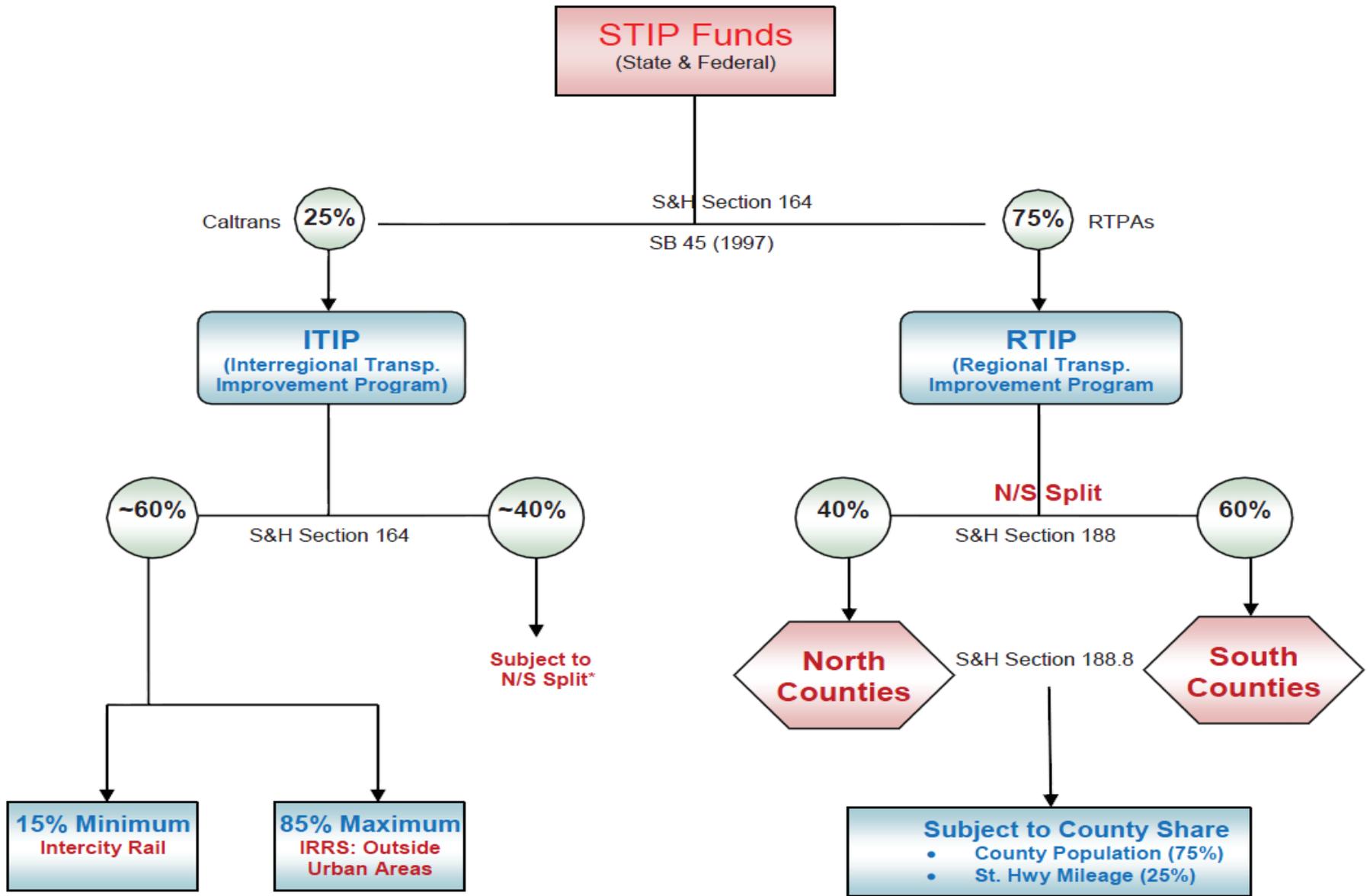
TCRP

- A one time addition of funding established in 2000
- Provided \$5.3 B for 200 projects funded from Sales tax on gasoline

Prop 1B Bond

One time addition of funding est. 2007. examples include;

- Corridor Mobility Improvement Account (CMIA) \$4.4 B for 55 projects
- SR 99 Corridor , \$980 M for 13 projects on Route 99
- STIP Augmentation added \$2 B to augment existing RIP and IIP funding



*Urban non-IRRS 40% maximum to North, 60% max to South (no minimum)

Office of State Highway Operation and Protection Program (SHOPP)



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Purpose of the SHOPP

**To maintain and preserve the investment in
the State Highway System and its
supporting infrastructure.**

California Highway System



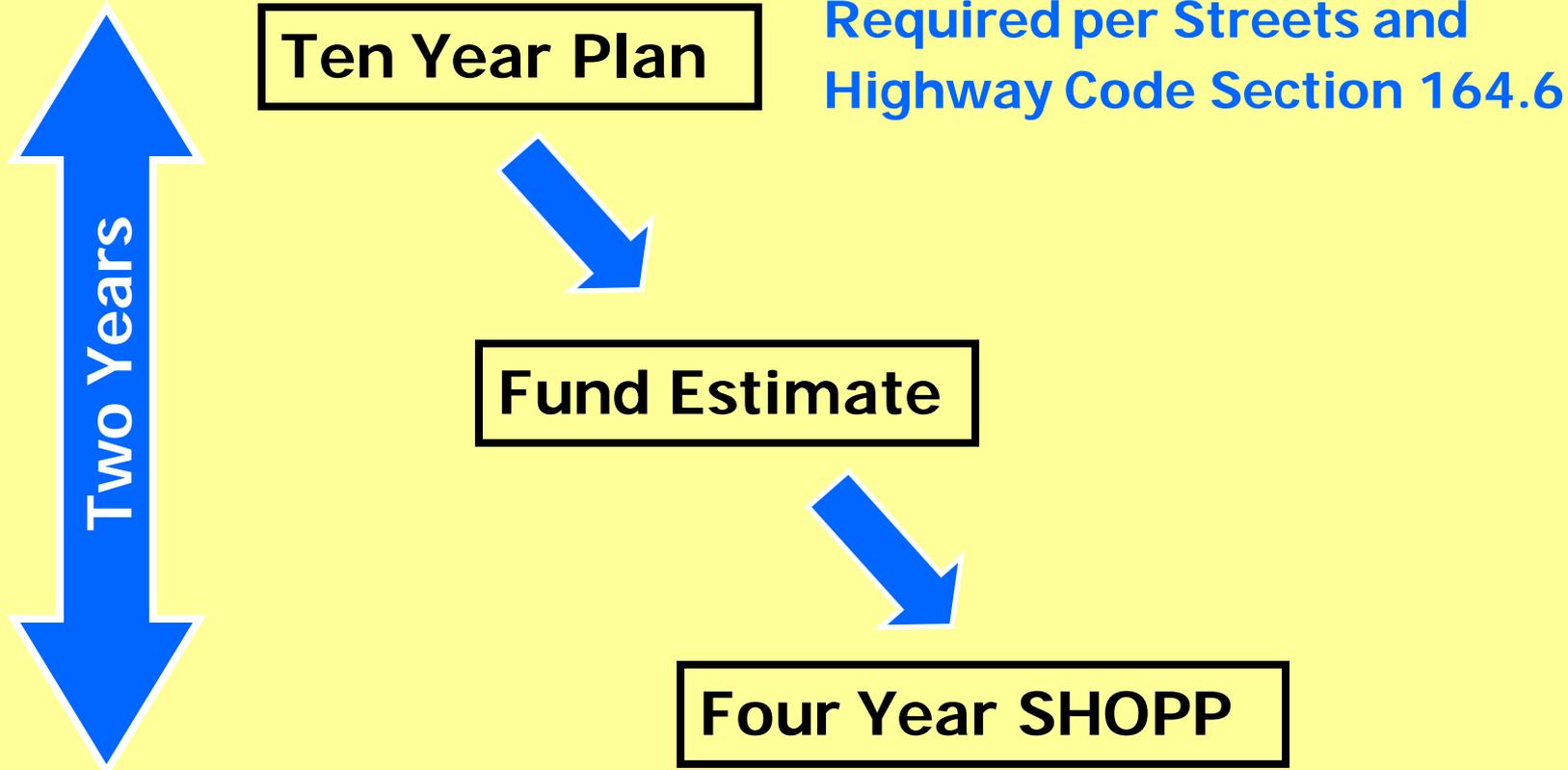
CALIFORNIA HIGHWAYS

- **50,000+ Lane Miles**
- **12,500 Bridges**
- **26,800 Acres of Landscape**
- **205,000 Culverts**
- **87 Safety Roadside Rests**

SHOPP - State Highway Operation and Protection Program

- Funded from the State Highway Account (SHA)
- Four year Transportation Programming Document updated every 2 years.
- Projects are designed to maintain safety and integrity of the state highway system i.e. pavement, road and bridge rehabilitation, traffic safety improvements and improvements to road side rest areas.
- Generally SHOPP Projects do not increase capacity of highway.

SHOPP CYCLE



Typical SHOPP Projects



Major Damage
Restoration



Roadway Rehabilitation



Bridge Deck and Rail Upgrade



Overlays

Typical SHOPP Projects



Safety Rest Areas



Guard Rail Upgrade



Barrier Rail Upgrade



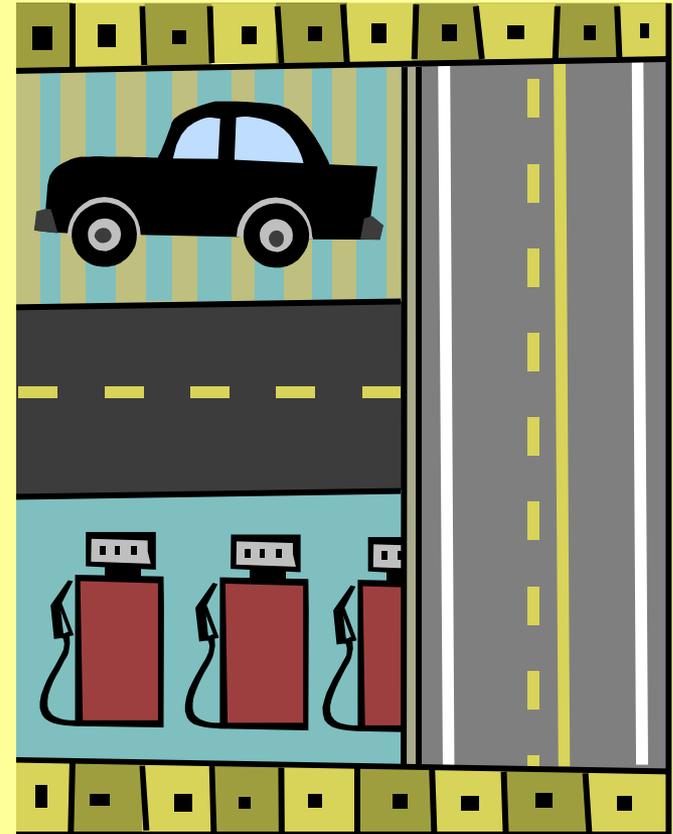
Bridge Rehabilitation

Office of Federal Transportation Management Program

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Objectives of Federal Programming

A team consensus on the expenditure of available federal funding

- State – Department of Transportation
- Regional - MPO's / RTPA's
- Local - LTC's
- Transit Agencies
- The Public



Why Federal Programming?

Required by federal regulation

and

Before a project can receive federal authorization to proceed or before federal funds can be committed to a project, the project must be in the approved FSTIP (E-76).

What is FTIP?

FTIP

Federal Transportation Improvement Program

- Developed by each of the 18 MPOs every 2 yrs.
- A 4-year priority list of federally funded & regionally significant projects.
- A subset of the Regional Transportation Plan (RTP - long range plan).
- Submitted to the Department by October 1, of even numbered years.

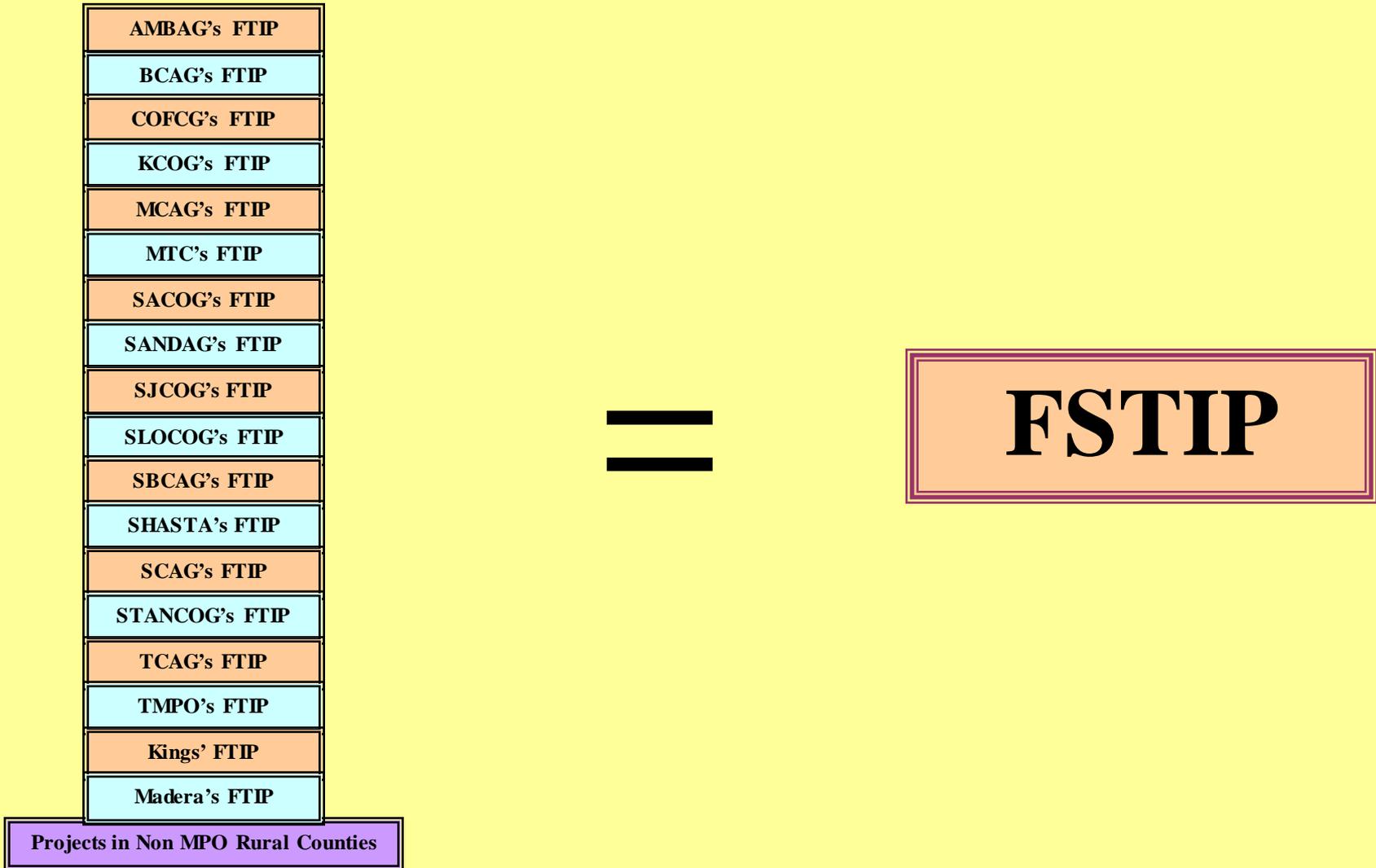
What is FSTIP?

FSTIP

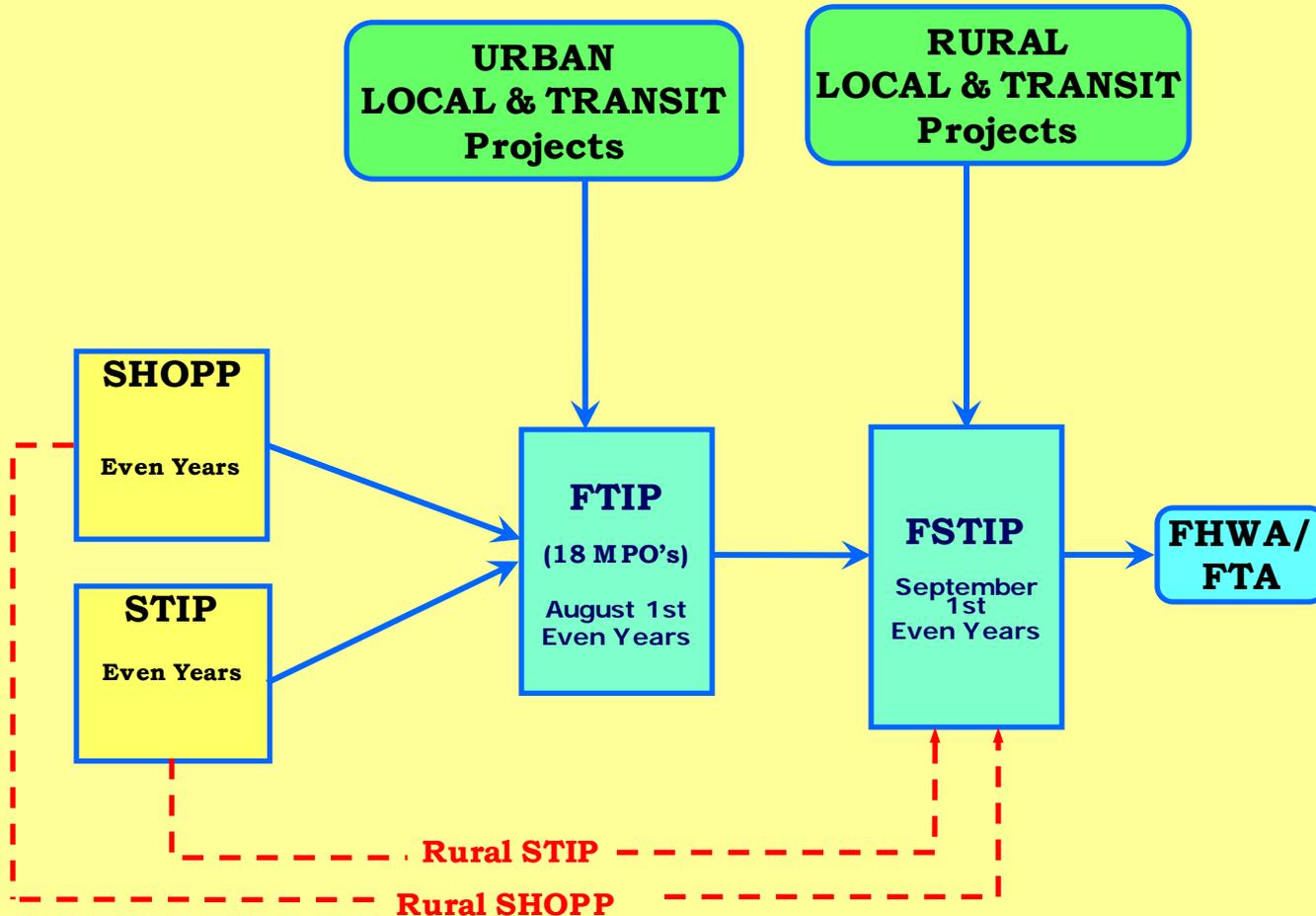
Federal Statewide Transportation Improvement Program

- Developed by the Department every 2 yrs.
- Compilation of the 18 MPOs FTIPs and Projects from Rural Counties
- Submitted to the Federal Highway Administration and Federal Transit Administration by September 1 of even-numbered years.
- FHWA/FTA approve FSTIP by October 1 of even-numbered years.

FTIP Vs. FSTIP



Federal Programming Process



Office of CTC Liaison



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Office of CTC Liaison

- CTC Liaison Office acts as a liaison between the Department and the Commission.
- CTC Liaison Office coordinates all Department items proposed for an upcoming CTC Agenda.

California Transportation Commission

The CTC is responsible for the programming and allocation of funds for highway and transit improvements.

- Nine members appointed by the Governor
- One member appointed by the Assembly
- One Member appointed by the Senate
- Two non-voting members
 - Senate - Chairperson of the Senate Transportation Committee
 - Assembly - Chairperson of the Assembly Transportation Committee

California Transportation Commission

Executive Director and Staff

- Appointed by Commission
- Staff selected by Executive Director

California Transportation Commission

Responsibility of Commission

- Advise Governor, Legislature and Caltrans on transportation issues
- Establish policy & procedures for Fund Estimate, STIP, SHOPP, TCRP, and Bond Programs
- Adopt and amend the STIP
- Approve the SHOPP
- Allocate funds for projects in STIP, TCRP, Bond Programs & SHOPP