

# Federal Aid Highway Program

June 8, 2016



## Basic Elements of Federal Aid Highway Program

*Federal-Aid highway funds are authorized by Congress to assist the States in providing for construction, reconstruction, and improvement of highways and bridges on eligible Federal-Aid highway routes and for other special purpose programs and projects. Through the Federal Lands Highway Program, funding is provided for improving access to and within National Forests, National Parks, Indian Lands and other public lands.*

*The principal statutes establishing the Federal-Aid Highway Program are found in Title 23, United States Code (23 U.S.C.). Regulatory requirements are generally found in Title 23, Highways, of the Code of Federal Regulations (23 CFR).*

Introduction to Federal Aid Highway Program  
(<http://www.fhwa.dot.gov/federalaid> )



# Federal Highway Administration (FHWA) Early History: “Getting the farmer out of the mud”



## Key Federal Highway Laws:

1916 Act: Basic Federal-State format we have today

1921 Act: National Federal-Aid Systems – Primary & Secondary

1934 Act: 1 ½ % Planning Funds

1944 Act: Interstate System Designated

1956 Act: Established the Highway Trust Fund

1962 Act: Created the 3C Planning Process and ½ % for Research

1964 Act: Created the Urban Mass Transit Administration and Provided Federal Funds for Transit

1966 Act: USDOT Formed

1969: National Environmental Protection Act (NEPA)

1970 Act: Established the Urban System

1973 Act: Categorical Funding Established



## Key Federal Highway Laws (continued):

1991 Act: ISTEA (Intermodal Surface Transportation Efficiency Act) – Change in program direction  
1995 NHS Act: Established the National Highway System

1998 Act: TEA-21 (Transportation Equity Act for the 21st Century) earmarks

2005 Act: SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users) equity bonus program, more \$\$\$, earmarks

2012 : MAP-21: (Moving Ahead for Progress in the 21st Century)

2015 : FAST Act ( Fixing America's Surface Transportation Act )



## Core Programs

National Highway Performance Program (NHPP)

Surface Transportation Program (STP)

Congestion Mitigation and Air Quality Improvement Program (CMAQ)

Highway Safety Improvement Program (HSIP)

Rail-Highway Crossings (set-aside from HSIP)

Metropolitan Planning

Transportation Alternatives (TA)

Emergency Relief Program (ER)

Discretionary Program

Federal Lands and Tribal Transportation Programs:

Federal Lands Transportation Program

Federal Lands Access Program

Tribal Transportation Program





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## Sources of Revenue:

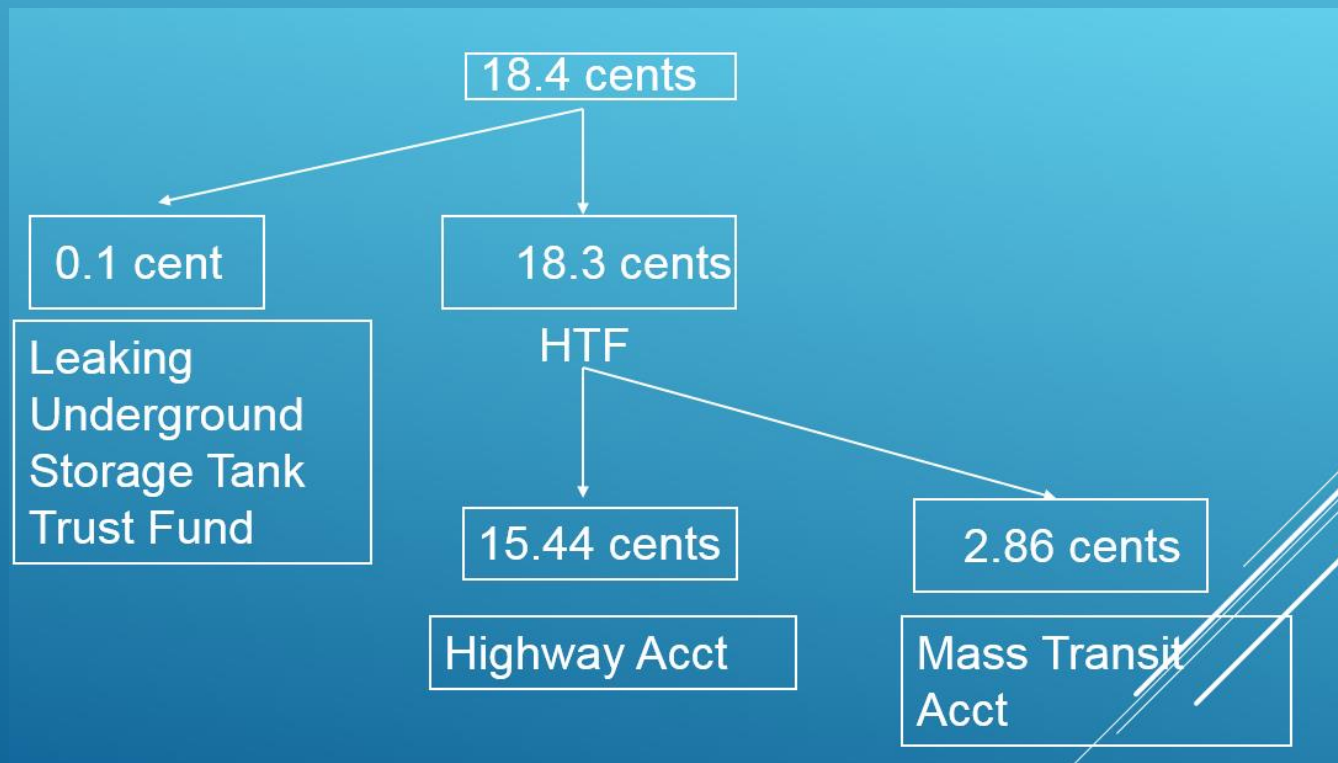
Motor fuel taxes

Special fuel taxes

Truck related taxes

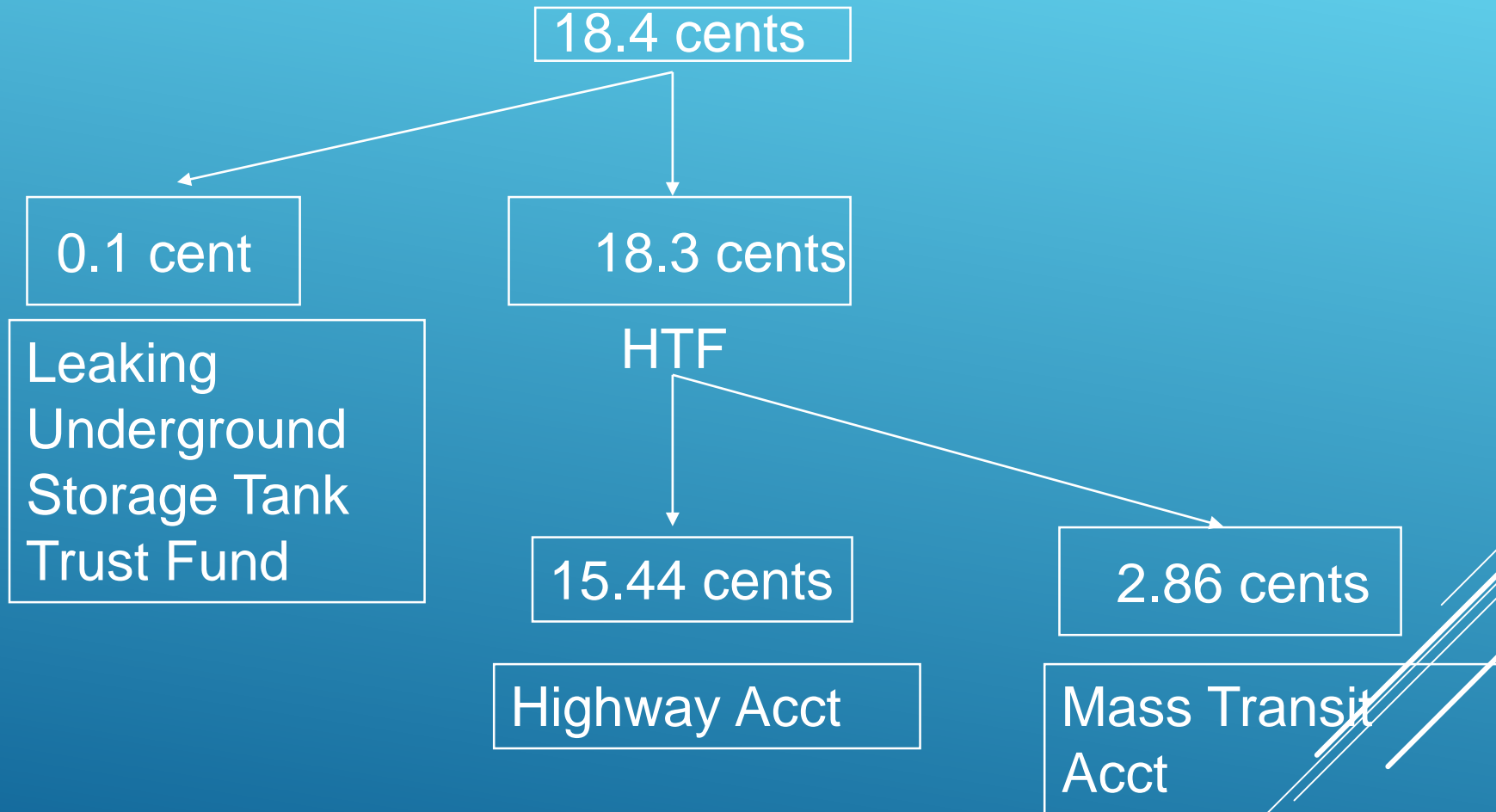
General Fund and LUST Fund Transfers

## Federal Gasoline Tax Breakdown

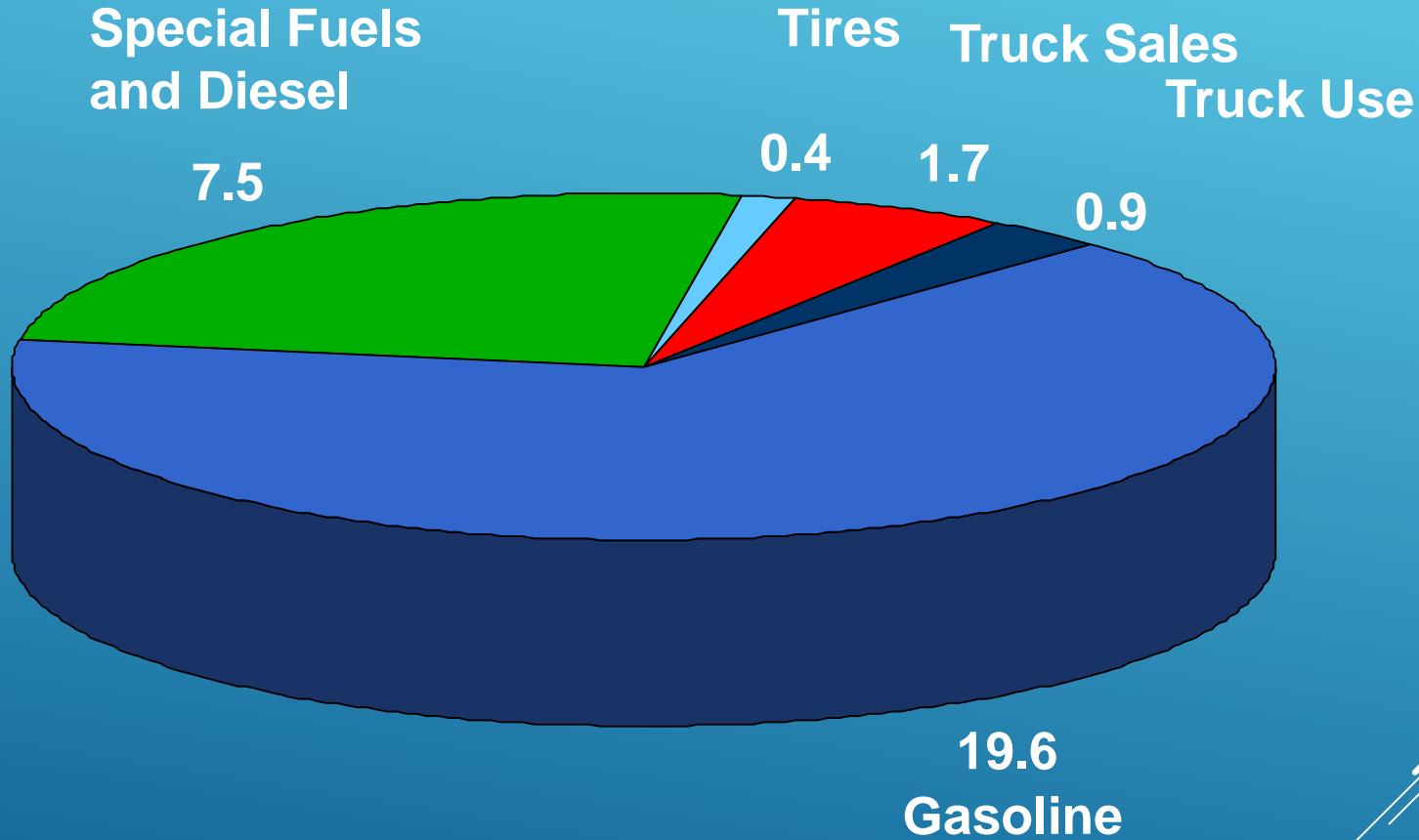




# Federal Gasoline Tax Breakdown



Finance: Highway Trust Fund  
Average Highway Account Income



TOTAL Highway Account Income = \$30-35 B



# Transportation Planning

Statewide Transportation Improvement Program (STIP)

Continuing, Cooperative, and Comprehensive (3C's)

MAP-21 Transportation Planning:  
system-level, data-drive, more realistic priority setting

Products:

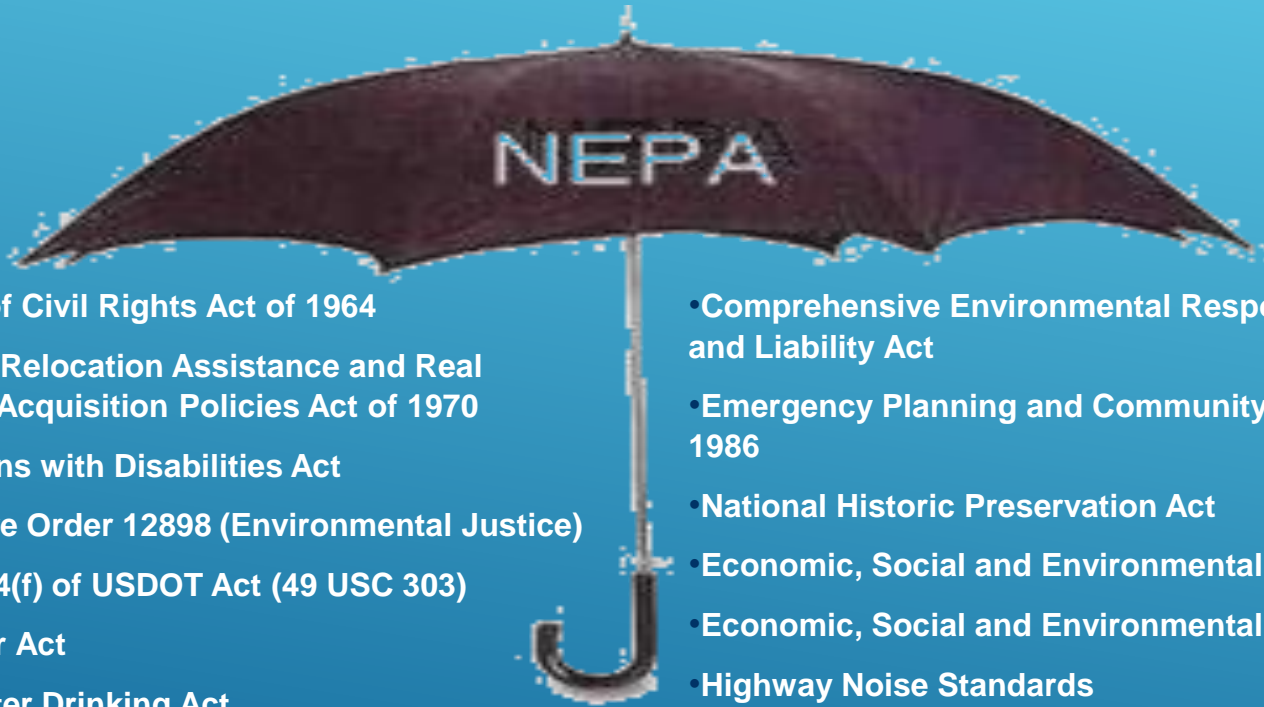
Unified Work Program, PPP, Long Range Transportation Plans , TIP

All Federal funded transportation must be in TIP and STIP



# Environmental

## *NEPA “Umbrella”*



- Title VI of Civil Rights Act of 1964
- Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
- Americans with Disabilities Act
- Executive Order 12898 (Environmental Justice)
- Section 4(f) of USDOT Act (49 USC 303)
- Clean Air Act
- Safe Water Drinking Act
- Farmland Protection Policy Act
- Solid Waste Disposal Act
- Resource Conservation and Recovery Act of 1976

- Comprehensive Environmental Response, Compensation and Liability Act
- Emergency Planning and Community Right to Know Act of 1986
- National Historic Preservation Act
- Economic, Social and Environmental Effects of Highways
- Economic, Social and Environmental Effects of Transit
- Highway Noise Standards
- Public Hearing Requirements
- Archaeological and Historic Preservation Act
- Archaeological Resources Protection Act
- AND MORE...



## Engineering , Right-of -Way, Construction

State DOTs have oversight and stewardship of all aspects of a construction project

Engineering must include:

Environmental considerations (i.e. NEPA)

Context sensitive (i.e. Maintaining safety and mobility, alternative solution and public involvement

adherence to Federal standards and guidelines American Association of State Highway Transportation Officials (AASHTO) Green Book as updated

DOTs or their agencies are responsible for contracts according to federal contract provisions

insuring integrity in the construction process

incentives or warranties

work zone safety and new construction technologies/ procedures

State DOTs responsible for right of way acquisition as guaranteed by the Amendment 5 of the The U.S. Constitution:“-----, nor be deprived of life, liberty, or property, without due process of law; nor shall private property be taken for public use, without just compensation.”



# Operations

State DOT'S Role -- To build, maintain, and operate a transportation system that is safe, reliable and secure.

FHWA's Role – National Leadership ( i.e. conformity, funding, research, technologies, standards)

Establishes a community of:

Local, State, and Federal Transportation Professionals

Elected/Appointed Officials

Transportation Planners

Public Safety Community

University / Research Professionals

Private Industry





# Operations

Federal-aid Highway Program allows for funding:

Traffic Management

Traffic Monitoring

Traffic Control

ITS capital improvements

CMAQ program may fund ITS and other traffic flow improvements

ITS research funding



## Questions and Info

For more information about the Transportation Planning Process for the Mesilla Valley MPO:

<http://mesillavalleympo.org/mpo-documents-resources/>

For information about Federal Aid Essentials:

<http://www.fhwa.dot.gov/federal-aidessentials/>

