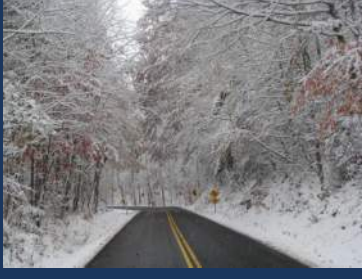


Middle Tennessee ASHE

NOVEMBER 29, 2021

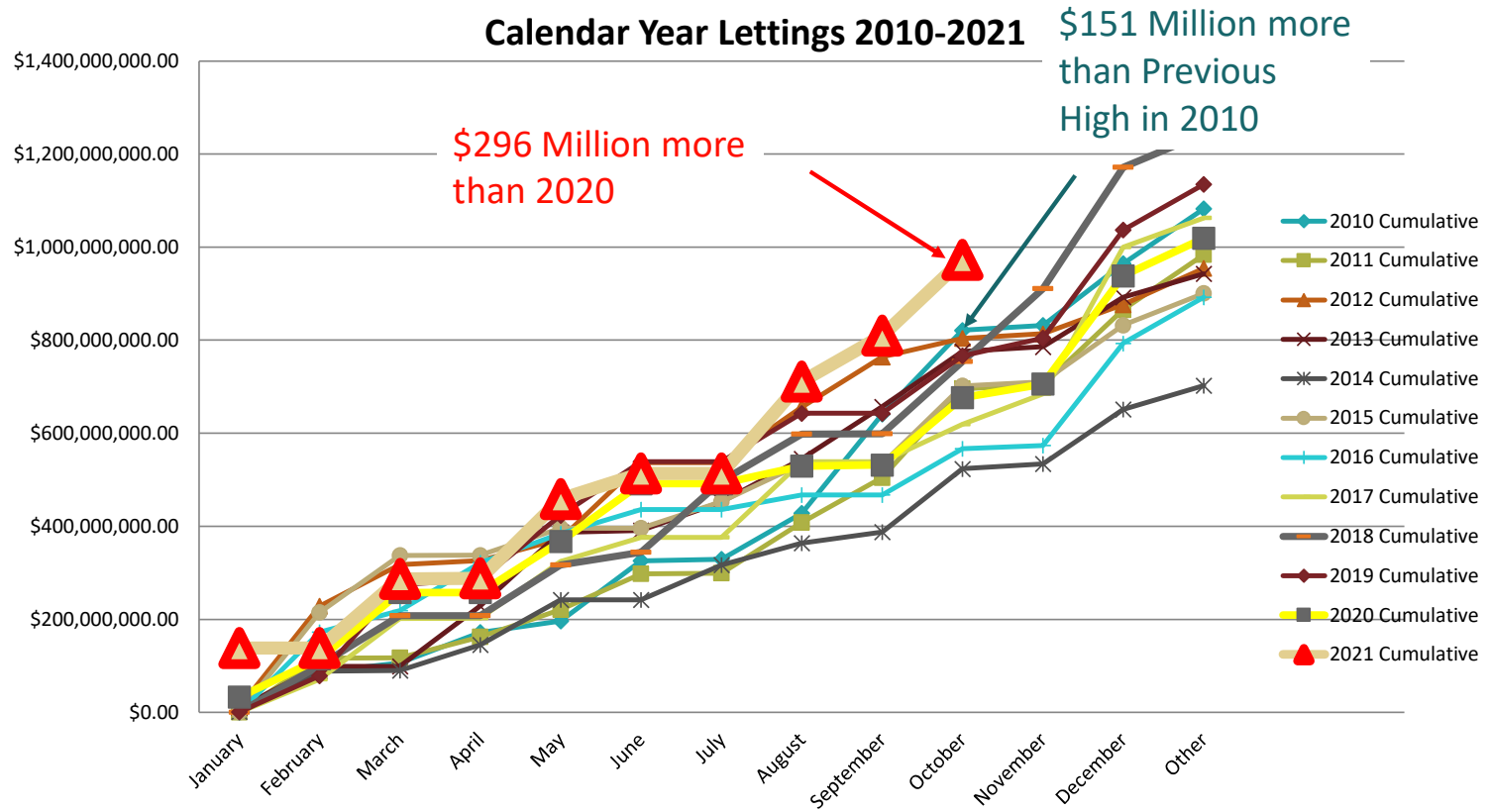


Paul D. Degges, P.E.

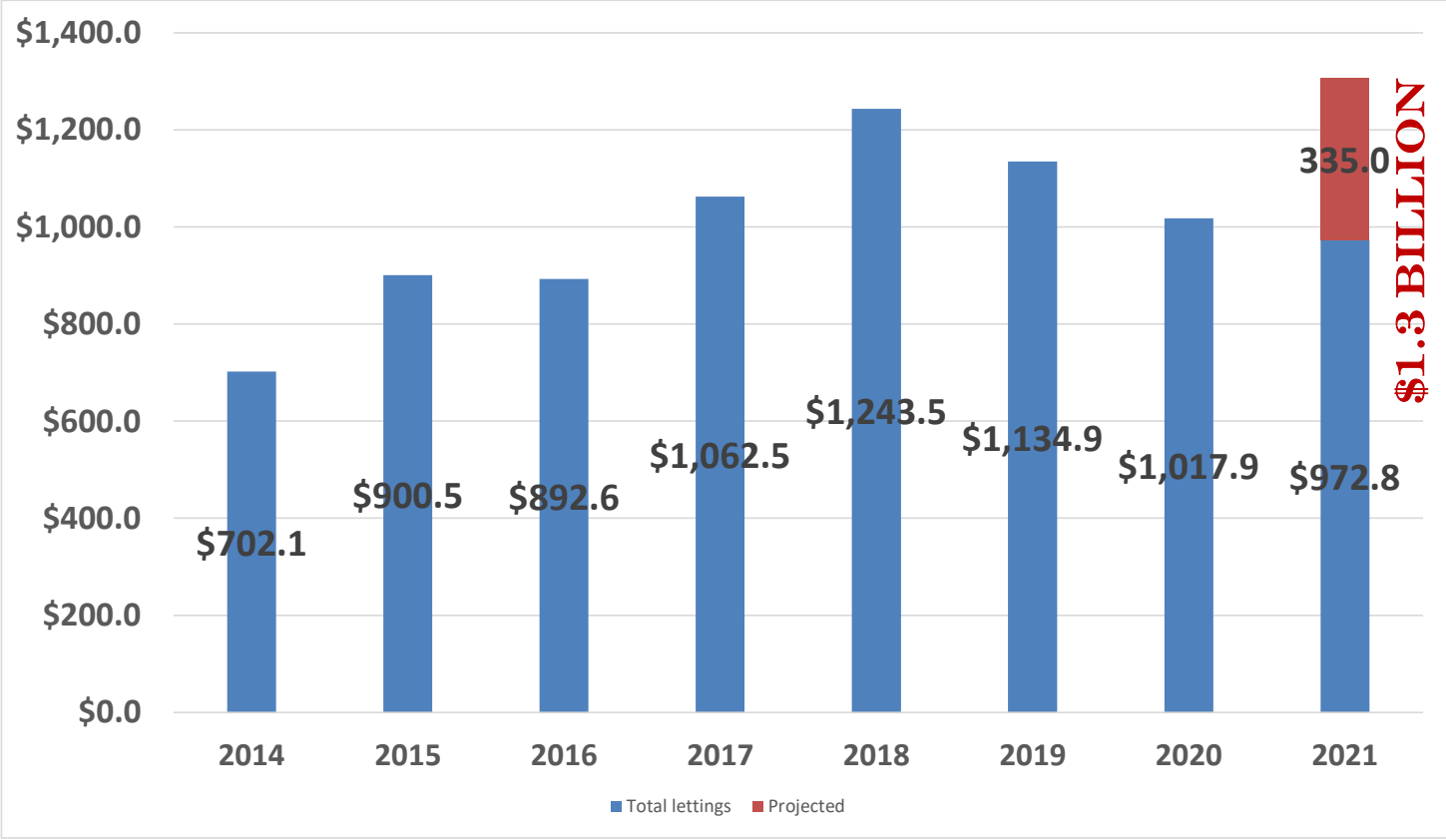
Funding Picture

- IMPROVE Act (2017)– First State Revenue increase since 1989
 - Full implementation in 2020 (\$244± M Annually)
- Cares Act Relief (March 2020)
 - Transit \$229 M in total
 - Aviation \$123.5 M
- Coronavirus Response and Relief Supplemental Appropriations Act, 2021(CRRSA)
 - Highways \$209.6 M
- American Rescue Plan 2021
 - Potential Funding (\$258 M eligible projects)
- August Redistribution - \$41,307,483

Calendar Year Lettings



Calendar Year Lettings

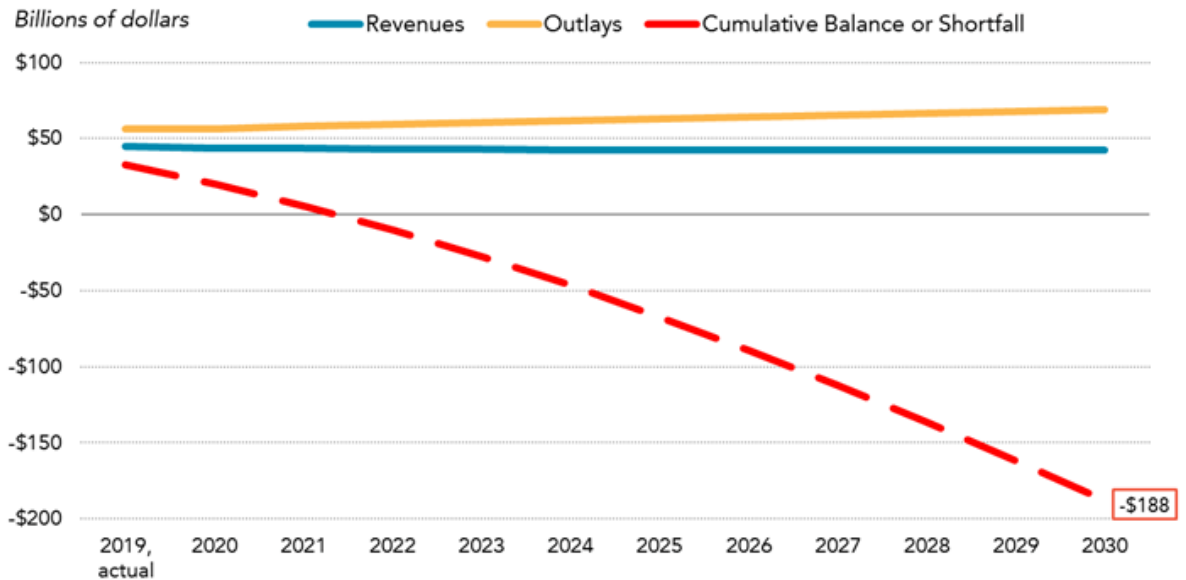


Funding Picture

- Fast Act ended in 2020
- Now in a 1-year extension
- Federal fuel taxes not increased since 1993
- General Fund revenues support program

FIGURE 2

Highway Trust Fund Account Projections Fiscal years 2019 – 2030



Source: Congressional Budget Office. *Highway Trust Fund Accounts - CBO's January 2020 Baseline*, January 2020.

Notes: Revenues include interest on trust fund reserves, while cumulative balance includes general revenue transfers. Under current law, the trust fund cannot incur negative balances. Some of the taxes that are credited to the Highway Trust Fund are scheduled to expire on September 30, 2022, including the taxes on tires and all but 4.3 cents of the federal tax on motor fuels. However, these estimates reflect the assumption that all of the expiring taxes credited to the fund will continue to be collected after fiscal year 2022.

Funding Picture

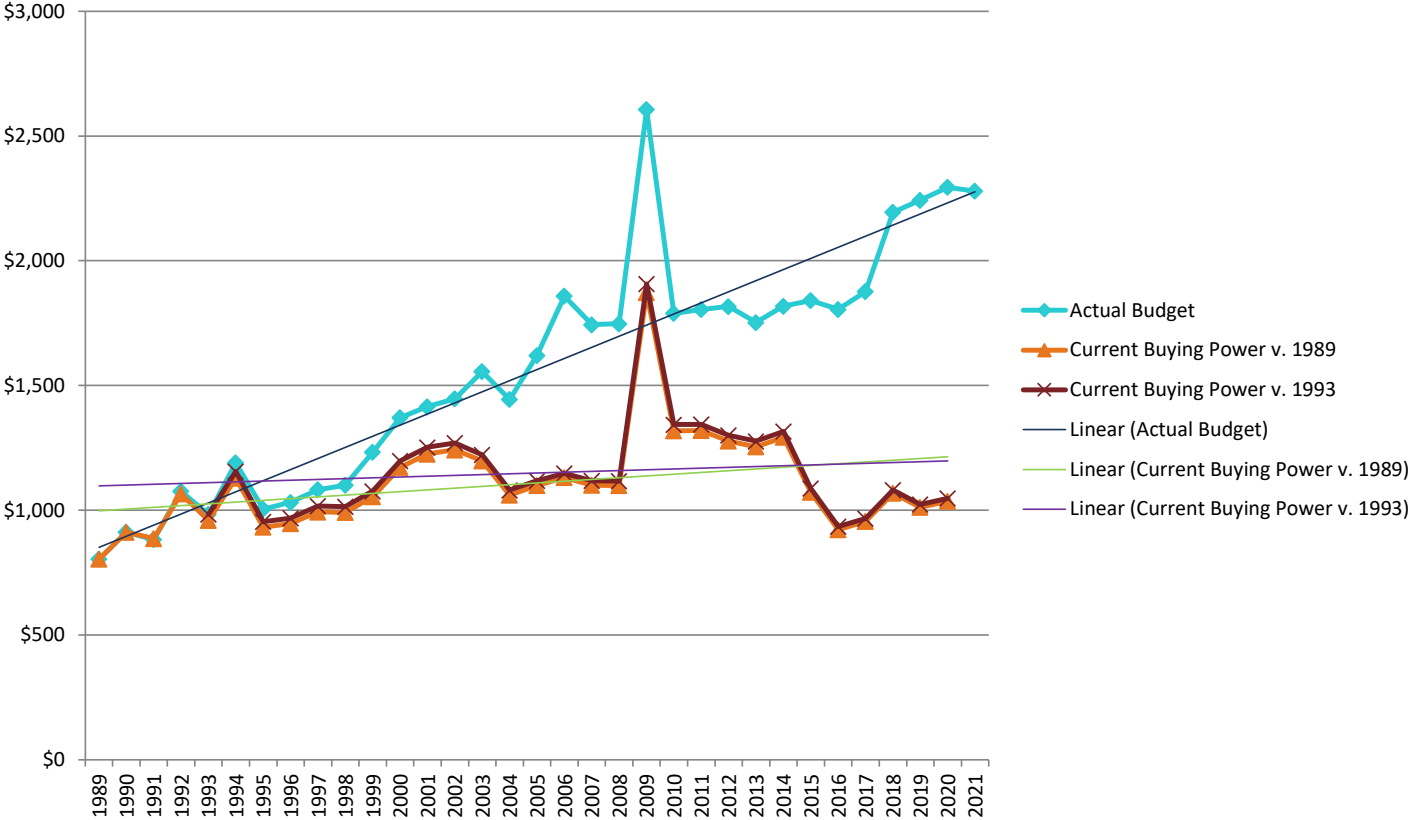
Highway Account

Implementation Plan for Cash Management Procedures

(August 26, 2021)

- Spending from the HTF has outpaced revenue for over a decade.
- Since 2008, Congress has transferred \$154 billion of additional funds into the HTF from Treasury's General Fund.
- This includes a \$70 billion General Fund transfer authorized by the Fixing America's Surface Transportation (FAST) Act in Federal Fiscal Year 2016 and an additional \$13.6 billion transferred in a one-year extension of the FAST Act.

Funding Picture



- Inflation is eating our lunch

Congress is trying to do something about the problem



Federal Transportation User Fees not increased since 1993

Surface Transportation Reauthorization

- Infrastructure Investment and Jobs Act (IIJA)
 - Surface Transportation Reauthorization Act of 2021

117TH CONGRESS
1ST SESSION

S. 1931

To amend title 23, United States Code, to authorize funds for Federal-aid highways and highway safety construction programs, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 27, 2021

Mr. CARPER, from the Committee on Environment and Public Works of the Senate, reported the following original bill; which was read twice and placed on the calendar

A BILL

To amend title 23, United States Code, to authorize funds for Federal-aid highways and highway safety construction programs, and for other purposes.

Enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the “Surface Transportation Reauthorization Act of 2021”.

Passed by House November 6th!

Surface Transportation Reauthorization

- Infrastructure Investment and Jobs Act (IIJA)
 - Surface Transportation Reauthorization Act of 2021

117TH CONGRESS
1ST SESSION

S. 1931

To amend title 23, United States Code, to authorize funds for Federal-aid highways and highway safety construction programs, and for other purposes.

IN THE SENATE OF THE UNITED STATES
May 27, 2021

Includes TDOT's Top two
Congressional Priorities

- 1) Long Term Re-Authorization
- 2) Section 130 RR Program Modifications



Current Surface Transportation Authorization Fixing America's Surface Transportation Act (FAST Act) 2016-2020 Plus

SUMMARY OF ESTIMATED TOTAL FY 2016 - FY 2020 APPORTIONMENTS UNDER THE FIXING AMERICA'S SURFACE TRANSPORTATION (FAST) ACT
(before post-apportionment set-asides; before penalties; before sequestration)

State	National Highway Performance Program	Surface Transportation Block Grant Program	Highway Safety Improvement Program ¹	Railway-Highway Crossings Program	CMAQ Program	Metropolitan Planning	National Freight Program	Apportioned Total
Alabama	2,376,361,706	1,184,650,152	236,195,156	24,330,066	59,168,350	15,967,692	121,553,595	4,018,226,717
Alaska	1,503,761,098	752,229,758	158,980,298	5,875,000	142,730,532	11,775,386	80,297,146	2,655,669,218
Arizona	2,147,423,352	1,076,983,248	221,178,085	14,232,640	269,067,379	30,388,778	116,757,539	3,875,131,431
Arkansas	1,607,942,773	802,112,162	156,206,950	20,071,508	63,867,523	9,922,553	63,072,549	2,742,136,017
California	10,032,529,736	5,057,774,101	1,017,592,522	82,135,958	2,406,958,478	259,831,965	582,360,087	19,439,192,847
Colorado	1,551,723,500	778,304,379	153,203,318	16,901,928	219,373,417	27,465,980	85,169,004	2,832,141,526
Connecticut	1,443,708,482	724,700,273	151,404,555	6,858,117	229,462,021	23,967,260	80,053,845	2,660,154,553
Delaware	496,202,821	248,660,818	48,521,072	5,875,000	60,484,623	9,253,879	26,924,907	895,923,120
Dist. of Col.	470,700,734	235,778,819	45,728,707	5,875,000	52,393,838	9,217,352	25,381,753	845,980,197
Florida	5,941,963,917	2,961,866,539	606,260,363	45,169,660	70,524,881	107,524,898	301,452,866	10,034,763,124
Georgia	3,875,854,455	1,938,662,678	382,921,031	41,978,401	352,419,474	40,348,671	206,462,334	6,838,647,044
Hawaii	500,535,140	250,050,576	48,996,506	5,875,000	53,726,281	9,082,235	26,926,286	895,792,024
Idaho	866,282,379	432,995,049	85,528,204	9,440,855	66,459,820	8,406,240	45,751,097	1,514,865,644
Illinois	4,123,876,556	2,068,505,402	397,169,878	54,903,394	571,015,544	88,612,583	225,980,873	7,530,044,230
Indiana	2,871,811,259	1,435,983,891	275,857,166	38,873,030	244,368,633	27,181,674	152,440,729	5,046,616,382
Iowa	1,526,483,408	761,470,050	139,482,074	27,867,925	58,583,584	10,300,997	78,741,326	2,602,929,364
Kansas	1,169,655,487	583,629,612	96,395,244	31,834,886	49,356,983	10,115,488	60,478,139	2,001,465,839
Kentucky	2,269,399,597	1,032,977,160	207,163,160	19,107,932	71,052,946	15,155,793	105,478,496	3,519,035,864
Louisiana	2,190,747,622	1,092,412,343	218,848,636	21,326,525	59,367,620	22,326,957	112,213,621	3,717,243,324
Maine	548,831,819	275,192,004	53,693,191	6,582,903	9,566,644	29,398,243	97,671,541	977,671,541
Maryland	1,720,287,778	863,831,159	176,329,080	12,252,028	278,496,367	36,012,403	95,552,765	3,182,761,580
Massachusetts	1,702,044,620	856,213,489	173,961,471	12,915,481	328,935,103	46,682,210	96,251,660	3,216,704,034
Michigan	3,086,113,481	1,546,632,157	298,166,762	40,147,155	383,836,647	53,778,384	167,704,024	5,576,378,610
Minnesota	1,962,199,235	981,277,945	183,424,213	31,686,920	167,142,445	23,745,210	104,182,389	3,453,838,357
Mississippi	1,502,678,157	749,577,004	146,668,877	18,071,378	58,188,668	8,831,084	77,530,046	2,561,545,214
Missouri	2,930,021,224	1,462,014,465	291,937,491	29,282,725	122,254,891	26,993,513	151,454,999	5,013,959,108
Montana	1,256,899,869	627,210,859	127,751,982	9,831,547	77,214,136	9,336,478	66,714,507	2,173,259,267
Nebraska	884,154,786	441,580,477	77,988,335	19,141,020	53,359,463	8,607,293	46,230,825	1,530,862,199
Nevada	1,041,993,321	523,124,631	108,350,519	5,875,000	168,924,348	17,047,817	57,884,877	1,923,200,513
New Hampshire	488,611,388	244,693,892	47,689,319	5,875,000	53,676,922	8,209,724	26,324,334	875,808,579
New Jersey	2,806,132,562	1,411,279,406	288,160,388	19,446,681	539,887,810	64,650,906	158,611,189	5,288,169,142
New Mexico	1,130,385,201	564,278,355	115,497,479	8,426,741	59,194,902	8,353,885	59,816,373	1,944,957,936
New York	4,677,462,506	2,354,141,864	480,086,376	32,650,619	950,148,294	129,690,662	265,594,763	8,890,175,084
North Carolina	3,144,133,283	1,572,121,441	310,584,885	34,099,450	265,823,391	30,207,918	166,840,945	5,523,811,313
North Dakota	753,047,236	376,352,245	62,844,994	19,710,413	54,564,460	8,719,304	39,667,849	1,314,906,501
Ohio	3,928,965,930	1,969,043,265	385,043,377	45,670,089	496,650,436	60,159,150	213,763,215	7,099,315,462
Oklahoma	1,979,115,272	989,501,615	199,176,313	27,795,502	60,969,525	13,427,750	101,603,004	3,358,966,881

Total Apportioned
To Tennessee
\$4,475,572,506

State	National Highway Performance Program	Surface Transportation Block Grant Program	Highway Safety Improvement Program ¹	Railway-Highway Crossings Program	CMAQ Program	Metropolitan Planning	National Freight Program	Apportioned Total
Tennessee	2,561,993,534	1,280,460,203	255,862,973	25,004,299	192,121,822	24,964,842	135,164,833	4,475,572,506

Infrastructure Investment and Jobs Act (IIJA) FY 2022-2026

TOTAL FY 2022 - FY 2026 ESTIMATED APPORTIONMENTS, PUERTO RICO HIGHWAY PROGRAM, AND OTHER PROGRAMS DISTRIBUTED BY FORMULA UNDER THE SENATE AMENDMENT IN THE NATURE OF A SUBSTITUTE AS INTRODUCED TO H.R. 3684 (INFRASTRUCTURE INVESTMENT AND JOBS ACT)

State	Federal-aid Highway Apportioned Programs 1/	Puerto Rico Highway Program	General Fund Supplemental Appropriations				Total		
			Bridge Replacement, Rehabilitation, Preservation, Protection and Construction Program 2/, 3/	National Vehicle Electric Formula Program 4/, 5/, 6/	Construction of Ferry Boats and Ferry Terminal Facilities Program 6/, 7/, 8/, 9/	Appalachian Development Highway System 6/, 10/			
Alabama	5,230,581,235	-	225,000,000	79,308,285	775,390	[TBS]	5,535,664,910		
Alaska	3,456,528,771	-	225,000,000	52,415,294	73,062,300	[TBS]	3,807,406,365		
Arizona	5,044,529,481	-	225,000,000	76,483,976	-	[TBS]	5,345,812,437		
Arkansas	3,569,480,430	-	278,666,625	54,121,847	303,650	[TBS]	3,902,572,652		
California	25,304,432,195	-	4,245,358,265	383,673,792	24,563,745	[TBS]	29,958,027,997		
Colorado	3,729,756,371	-	225,000,000	85,536,754	-	[TBS]	4,010,293,125		
Connecticut	3,462,774,592	-	561,259,115	52,503,813	458,815	[TBS]	4,076,996,335		
Delaware	1,166,239,359	-	225,000,000	17,682,951	488,980	[TBS]	1,409,411,290		
Dist. of Col.	1,100,055,907	-	225,000,000	16,679,459	-	[TBS]	1,341,735,366		
Florida	13,062,390,205	-	244,895,455	186,057,481	2,895,286	[TBS]	13,508,238,428		
Georgia	8,901,980,338	-	225,000,000	134,975,283	4,538,810	[TBS]	9,266,494,431		
Hawaii	1,166,068,214	-	339,025,730	17,680,364	374,415	[TBS]	1,523,148,723		
Idaho	1,971,924,882	-	225,000,000	29,899,106	-	[TBS]	2,226,823,988		
Illinois	9,802,000,344	-	1,373,444,465	148,821,459	6,895,645	[TBS]	11,330,961,903		
Indiana	6,569,262,951	-	400,567,730	99,605,738	-	[TBS]	7,069,436,419		
Iowa	3,388,270,559	-	431,646,890	51,374,369	-	[TBS]	3,871,291,818		
Kansas	2,605,337,335	-	225,000,000	39,503,201	-	[TBS]	2,869,840,536		
Kentucky	4,580,778,965	-	438,188,650	69,455,682	1,999,365	[TBS]	5,090,422,362		
Louisiana	4,838,787,977	-	1,012,892,355	73,367,735	11,394,805	[TBS]	5,936,442,872		
Maine	1,272,651,814	-	225,000,000	19,296,432	4,607,710	[TBS]	1,521,555,956		
Maryland	4,143,063,176	-	409,462,520	62,818,576	97,515	[TBS]	4,615,461,787		
Massachusetts	4,187,250,397	-	1,126,940,090	63,468,497	9,097,520	[TBS]	5,385,671,104		
Michigan	7,258,873,235	-	562,958,680	110,061,712	8,747,515	[TBS]	7,840,641,142		
Minnesota	4,495,657,884	-	302,148,915	68,164,918	6,088,795	[TBS]	4,872,060,512		
Mississippi	3,334,400,129	-	225,000,000	50,557,563	253,325	[TBS]	3,610,211,017		
Missouri	6,526,743,892	-	484,163,365	98,961,186	270,630	[TBS]	7,110,139,073		
Montana	2,828,704,545	-	225,000,000	42,889,962	16,660	[TBS]	3,096,611,167		
Nebraska	1,992,746,878	-	225,000,000	30,214,832	-	[TBS]	2,247,961,710		
Nevada	2,503,467,466	-	225,000,000	37,868,457	-	[TBS]	2,766,425,923		
New Hampshire	1,139,107,791	-	225,000,000	17,271,581	-	[TBS]	1,381,379,372		
New Jersey	6,883,719,399	-	1,146,780,115	104,373,268	24,407,410	[TBS]	8,159,280,192		
New Mexico	2,531,780,841	-	225,000,000	38,387,895	-	[TBS]	2,795,168,736		
New York	11,672,630,054	-	1,891,375,895	176,466,514	19,538,015	[TBS]	13,659,910,468		
North Carolina	7,190,435,303	-	456,689,090	109,024,196	6,794,935	[TBS]	7,762,943,524		
North Dakota	1,711,634,763	-	225,000,000	25,952,484	-	[TBS]	1,962,587,247		
Ohio									
Oklah									
Oregon									
Penns									
Rhodi									
South									
South									
Tenn									
Texas									
Utah									
Vermi									
Virgin									
Wash									
West									
Wisc									
Wyom									
Puerto Rico									
Amer									
Depo									
Tennessee			5,825,924,138	-	302,031,120	88,334,969	563,430	[TBS]	6,216,853,657

Federal-Aid Highway Funds Apportioned Programs - Tennessee

\$5,825,924,138

Infrastructure Investment and Jobs Act (IIJA) FY 2022-2026

Tennessee

- FHWA Apportioned Programs \$5,825,924,138
- Bridge \$302,031,120
- Electric Vehicles \$88,334,969
- Ferry Boats \$563,430
- *Appalachian Highways ≈\$21,313,226

State
Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Dist. of Col.
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico

* Estimated - TN has 10.65% of remaining ADHS Cost Estimate

State	Federal-aid Highway Apportioned Programs 1/	General Fund Supplemental Appropriations				Total
		Puerto Rico	Bridge Replacement, Rehabilitation, Preservation, Protection	National Vehicle Electric	Construction of Ferry Boats and Ferry Development	
Tennessee	5,825,924,138					16,853,657

**Total - \$6,216,853,657
Plus AHDS ≈\$21.3 million**

Infrastructure Investment and Jobs Act (IIJA) FY 2022-2026

Major Funding Differences in Highway Programs FAST Act v. Infrastructure Investment and Jobs Act of 2021

Federal-aid Highway Apportioned 5-Year Difference	Federal-aid Highway Apportioned Average Annual Difference	New Bridge Program Average Annual	New Electric Vehicle Program Average Annual	Appalachian Development Highway System Average Annual	Average Annual Increase in Program
\$1,350,351,632	\$270,070,326	\$60,406,224	\$17,666,994	\$4,262,645	\$352,406,189

**Average Annual Increase
≈ \$352,406,189**

Latest Data from Washington on IIJA

Program	Fast Act	IIJA	% Increase
NHPP	\$2,562.0	\$2,906.3	13.4%
STBG	\$1,280.5	\$1,560.8	21.9%
HSIP	\$255.9	\$337.2	31.8%
Rail Crossings	\$25.0	\$26.6	6.4%
CMAQ	\$192.1	\$210.0	9.3%
Metro Planning	\$25.0	\$33.0	32.0%
Freight	\$135.2	\$152.5	12.8%
Subtotal	\$4,475.7	\$5,226.4	16.8%
Carbon Reduction (NEW)		\$139.2	
PROTECT (NEW)		\$158.2	
Total Apportioned	\$4,475.7	\$5,523.8	23.4%
<u>Non-Apportioned Programs</u>			
Bridge Rehab		\$302.0	
Electric Vehicle		\$88.3	
Ferry Boat		\$0.6	
Total All	\$4,475.7	\$5,914.7	32.2%

IIJA

- IIJA Provides TN with \$1.7 B more than Fastr Act over 5 years
 - \$1.0 B in Core Programs (NHPP, STBG, HSIP, RR, CMAQ Metro Plan, Freight)
 - \$0.7 B in New Programs (carbon/green initiatives, PROTECT/Resiliency, Bridge Rehab, electric vehicle, ferry boats)
- Core Programs for Roads & Bridges are NHPP & STBG
 - IIJA increases \$927 M
 - 85.9% of FAST Act
 - 81.6% of IIJA
- 5 Year bill helps DOT's
- Increased Funding will help deliver planned projects
 - Not a windfall of new funding, but is a modest increase in funding

IIJA

- Several New Grant programs to compete for funding
- May have new eligibilities
- May have other non-DOT entities eligible for funding
- HTF gives out more than it receives
- 5 Year FAST Act required \$70 B in General Fund Transfers
- 5 Year IIJA requires \$118 B in General Fund Transfers
- No actions to address long term sustainable solution for revenue

Questions?