

FAST Act!



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What do we know about **Fixing America's Surface Transportation Act** or "**FAST Act**": How it will impact the **STIP Program!**



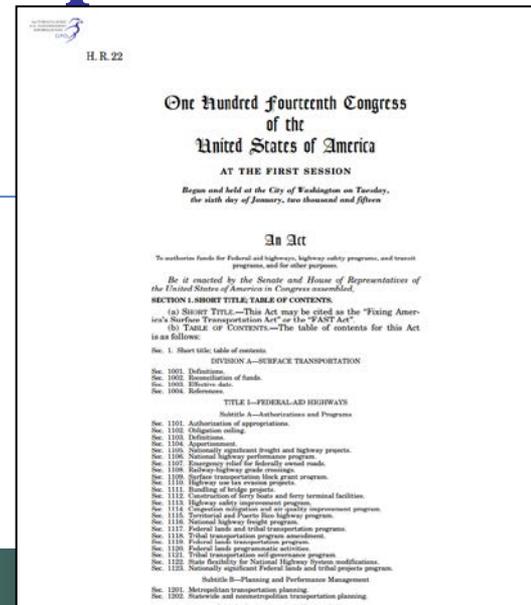
Outline

- **Overview Federal Surface Reauthorization (FAST Act)**
- **NCDOT Codes**
- **STIP Programming**
- **Challenges and Next Steps**

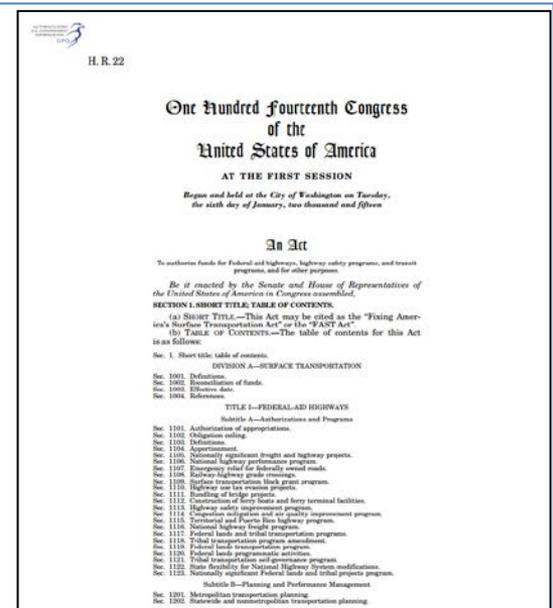


FAST ACT

- Passed into law on December 4, 2015 (P.L. 114-94)
- First long-term transportation bill since SAFETEA-LU in August 2005.
- First time surface transportation law includes a rail title.



- **TITLE I—FEDERAL-AID HIGHWAYS**
- **TITLE II—INNOVATIVE PROJECT FINANCE**
- **TITLE III—PUBLIC TRANSPORTATION**
- **TITLE IV—HIGHWAY TRAFFIC SAFETY**
- **TITLE V—MOTOR CARRIER SAFETY**
- **TITLE VI—INNOVATION**
- **TITLE VII—HAZARDOUS MATERIALS TRANSPORTATION**
- **TITLE VIII—MULTIMODAL FREIGHT TRANSPORTATION**
- **TITLE IX—NATIONAL SURFACE TRANSPORTATION AND INNOVATIVE FINANCE BUREAU**
- **TITLE XI—RAIL**
- **TITLE XXIV—MOTOR VEHICLE SAFETY**
- **TITLE XXXI—HIGHWAY TRUST FUND AND RELATED TAXES**
- **TITLE XXXII—OFFSETS**



FAST ACT

- **\$305 billion (all modes) from 2016 to 2020.**
- **The FAST Act retains the ~ 80-20 percent funding split for highways and mass transit.**



Funding Certainty for Five Years

- **Contract Authority Provided for highway, highway safety, and transit programs between FY 2016 and 2020.**
- **\$305 billion in total funding; \$281 billion guaranteed from the Highway Trust Fund.**
- **Builds on the program structure and reforms of MAP-21** (Moving Ahead for Progress in the 21st Century Act)

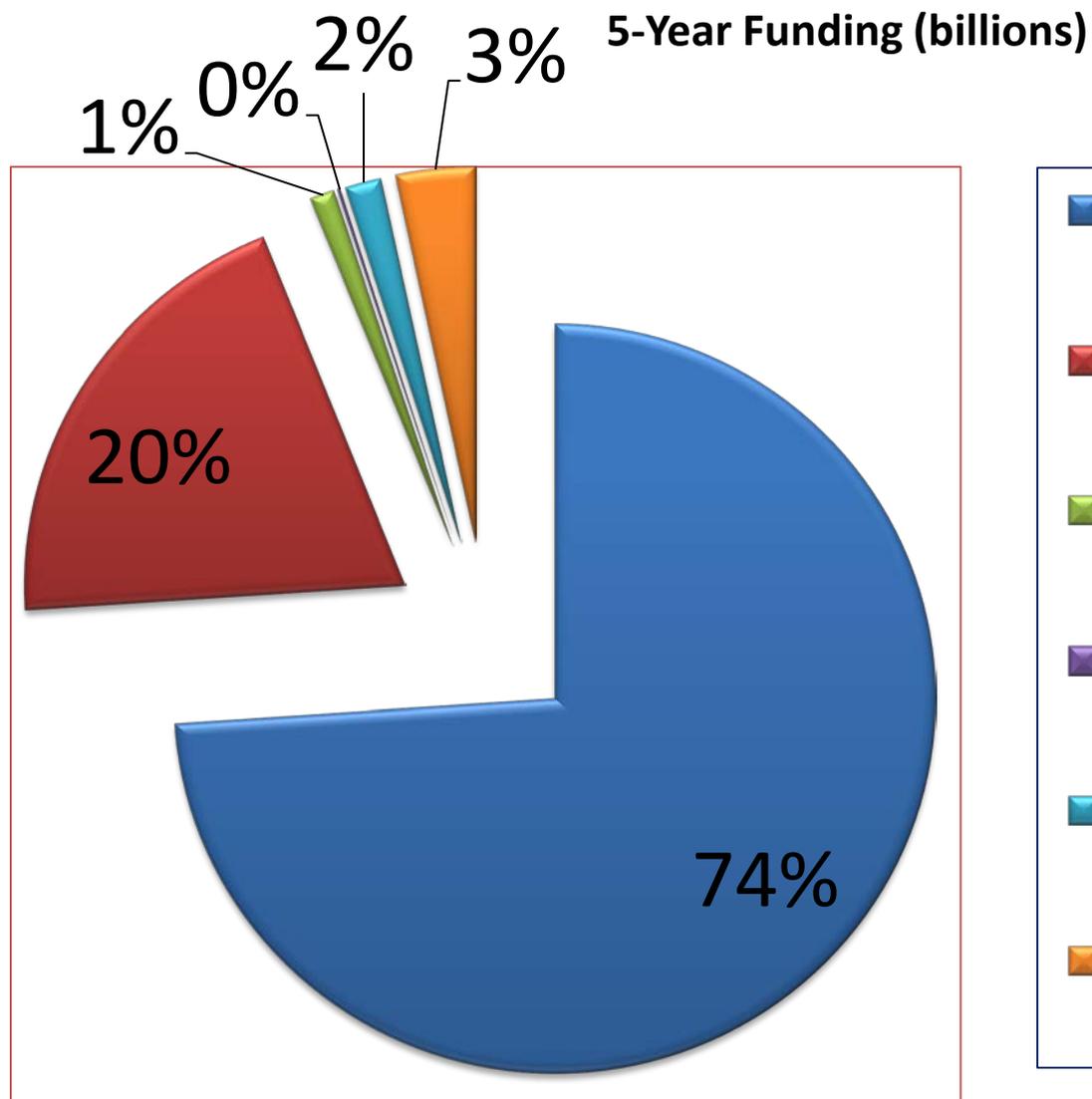


\$305 B (all modes) over FY2016-2020

Program	5-Year Funding (billions)
Federal Highway Administration	\$ 226.3
Federal Transit Administration	61.1
Federal Motor Carrier Safety Administration	3.2
Pipeline and Hazardous Materials Administration	0.4
National Highway Traffic Safety Administration	4.7
Federal Railroad Administration	10.3
Total	305.0



Source: <https://www.fhwa.dot.gov/fastact/>



- Federal Highway Administration
- Federal Transit Administration
- Federal Motor Carrier Safety Administration
- Pipeline and Hazardous Materials Administration
- National Highway Traffic Safety Administration
- Federal Railroad Administration



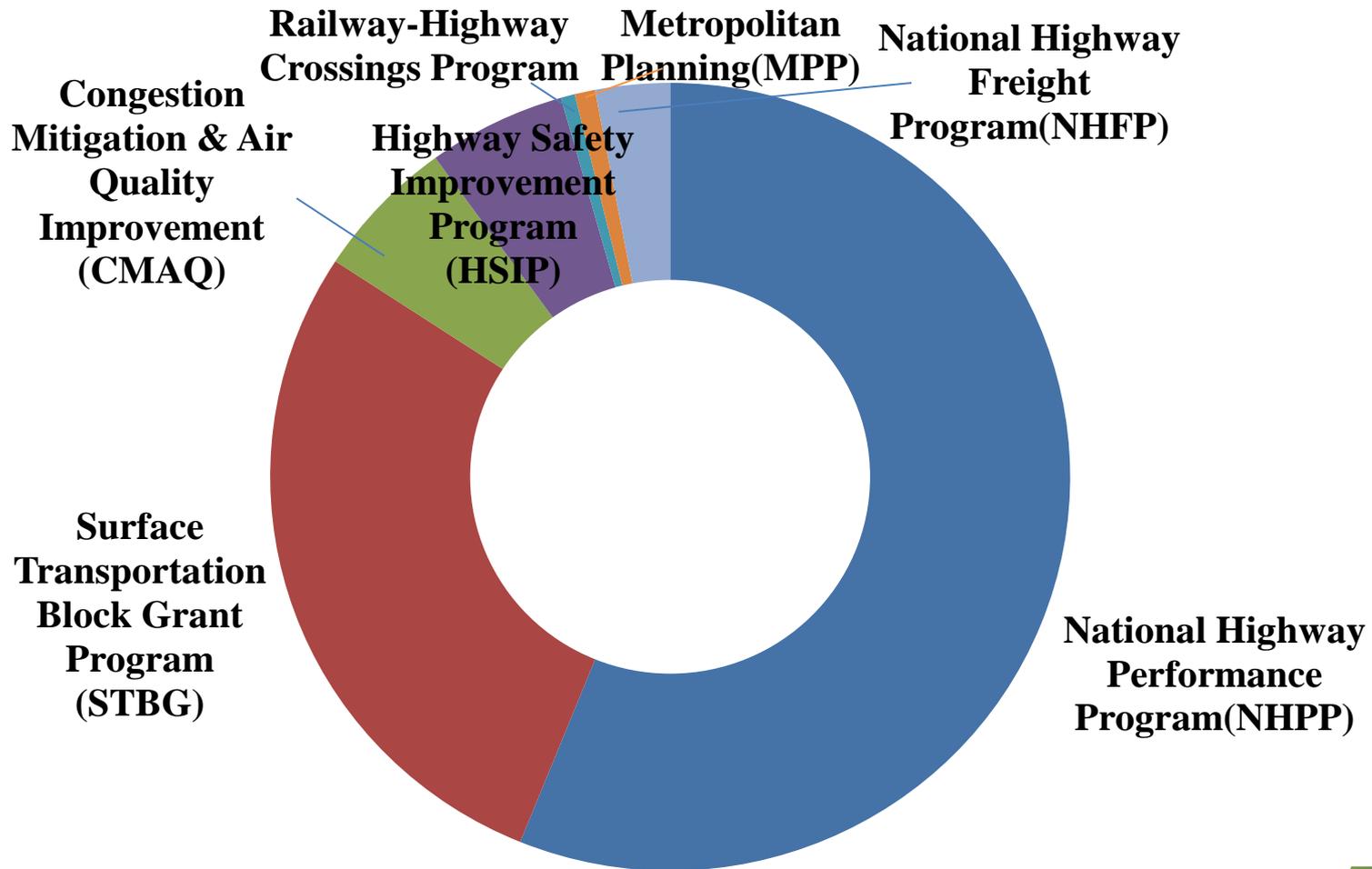
Highway Contract Authority, 2016-2020

In millions of dollars / HTF = Highway Trust Fund / GF = General Fund

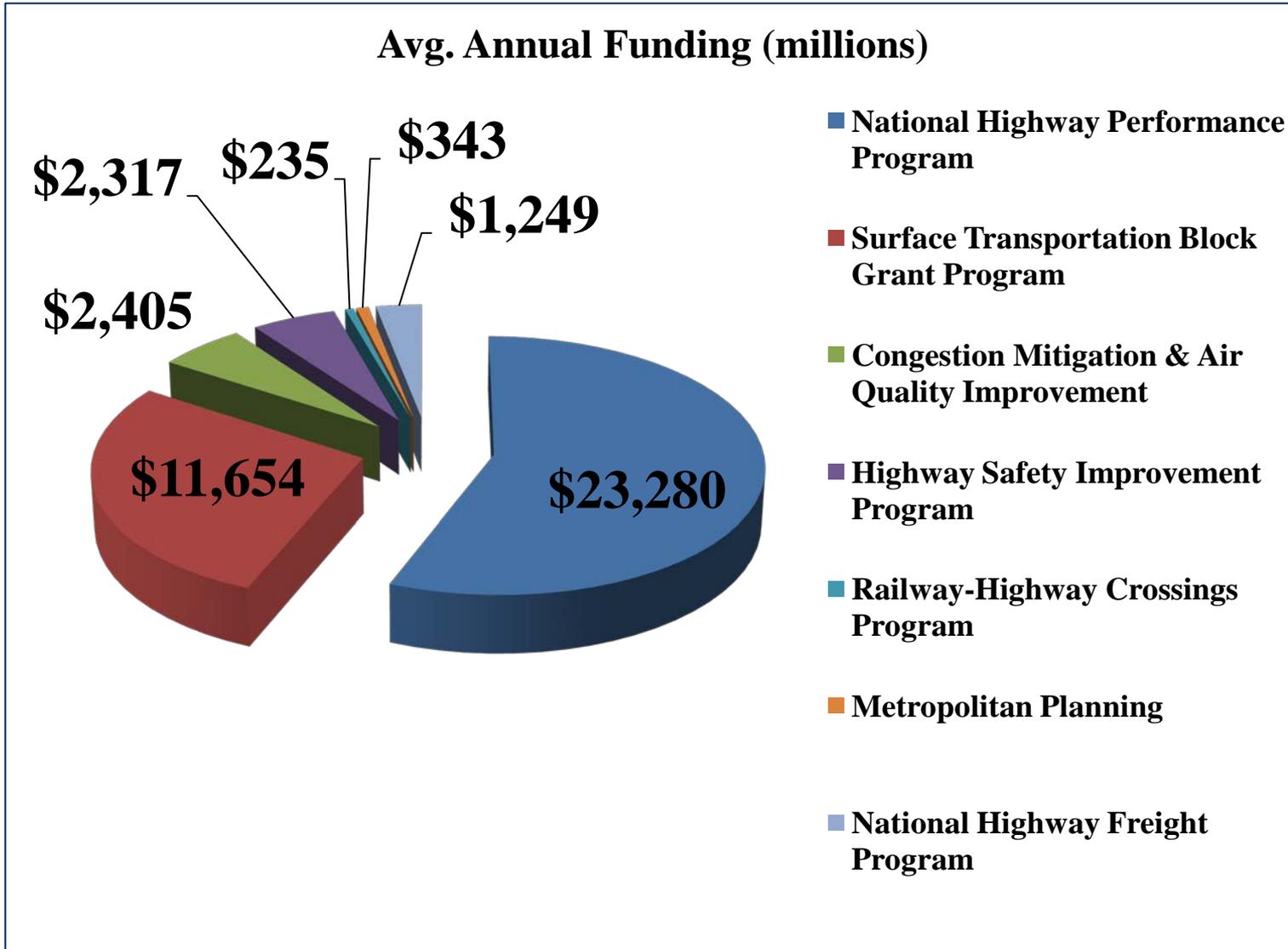
Program Category	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total	5-Year Avg
Highways (HTF and GF)	41,025	43,322 5.6%	44,215 2.1%	45,183 2.2%	46,218 2.3%	47,314 2.4%	226,252	45,250
Transit (HTF and GF)	10,695	11,789 10.2%	12,175 3.3%	12,175 0.0%	12,381 1.7%	12,592 1.7%	61,113	12,223
Highway Safety (HTF)	1,252	1,297 3.6%	1,376 6.1%	1,404 2.1%	1,428 1.7%	1,454 1.8%	6,959	1,392
Passenger Rail (GF)	1,390	1,670 20.1%	1,870 12.0%	2,046 9.4%	2,297 12.3%	2,472 7.6%	10,355	2,071
GRAND TOTAL (HTF)	50,842	53,744 5.7%	55,114 2.5%	56,111 1.8%	57,375 2.3%	58,709 2.3%	281,053	56,211
GRAND TOTAL (HTF and GF)	54,362	58,078 6.8%	59,636 2.7%	60,809 2.0%	62,324 2.5%	63,832 2.4%	304,679	60,936



Core FA Highway Programs

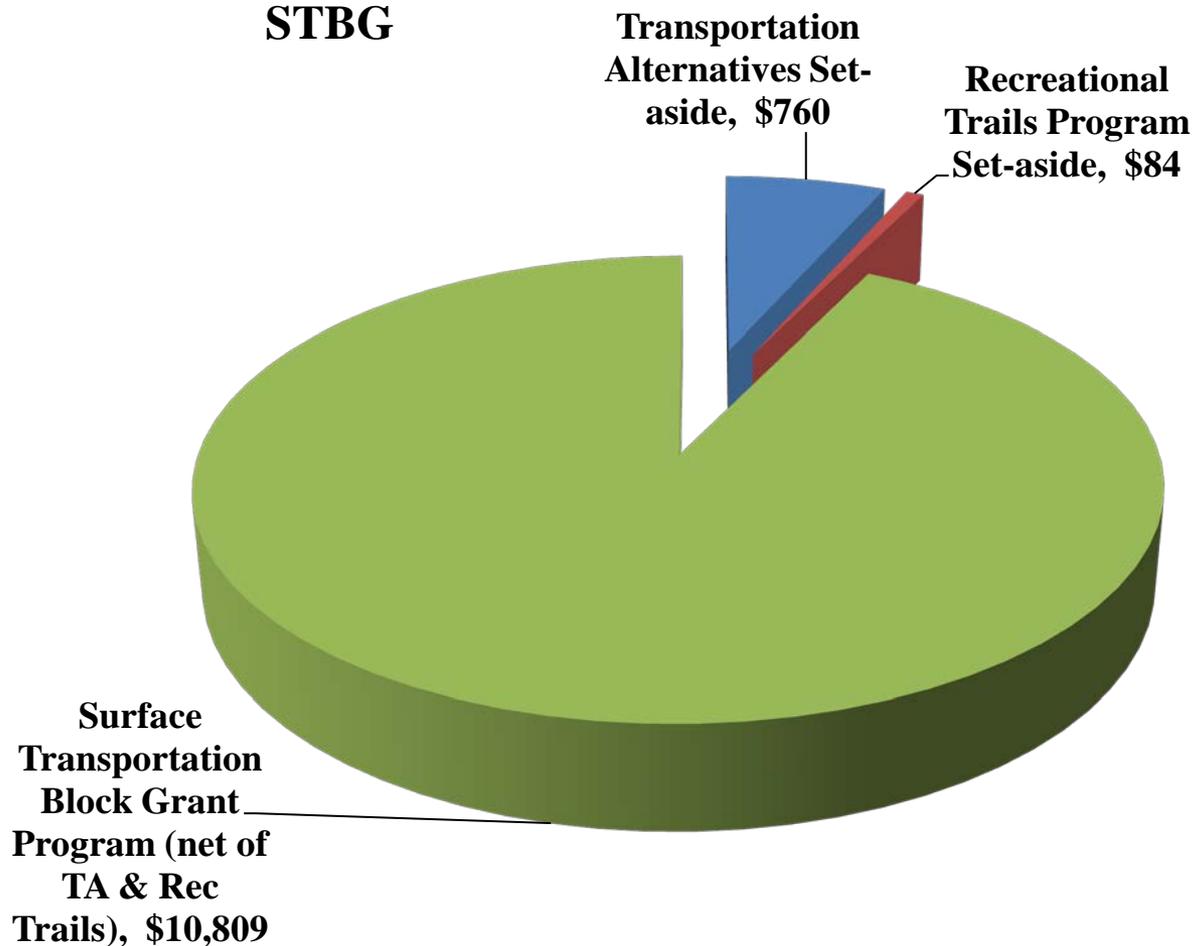


Growth Varies by Program

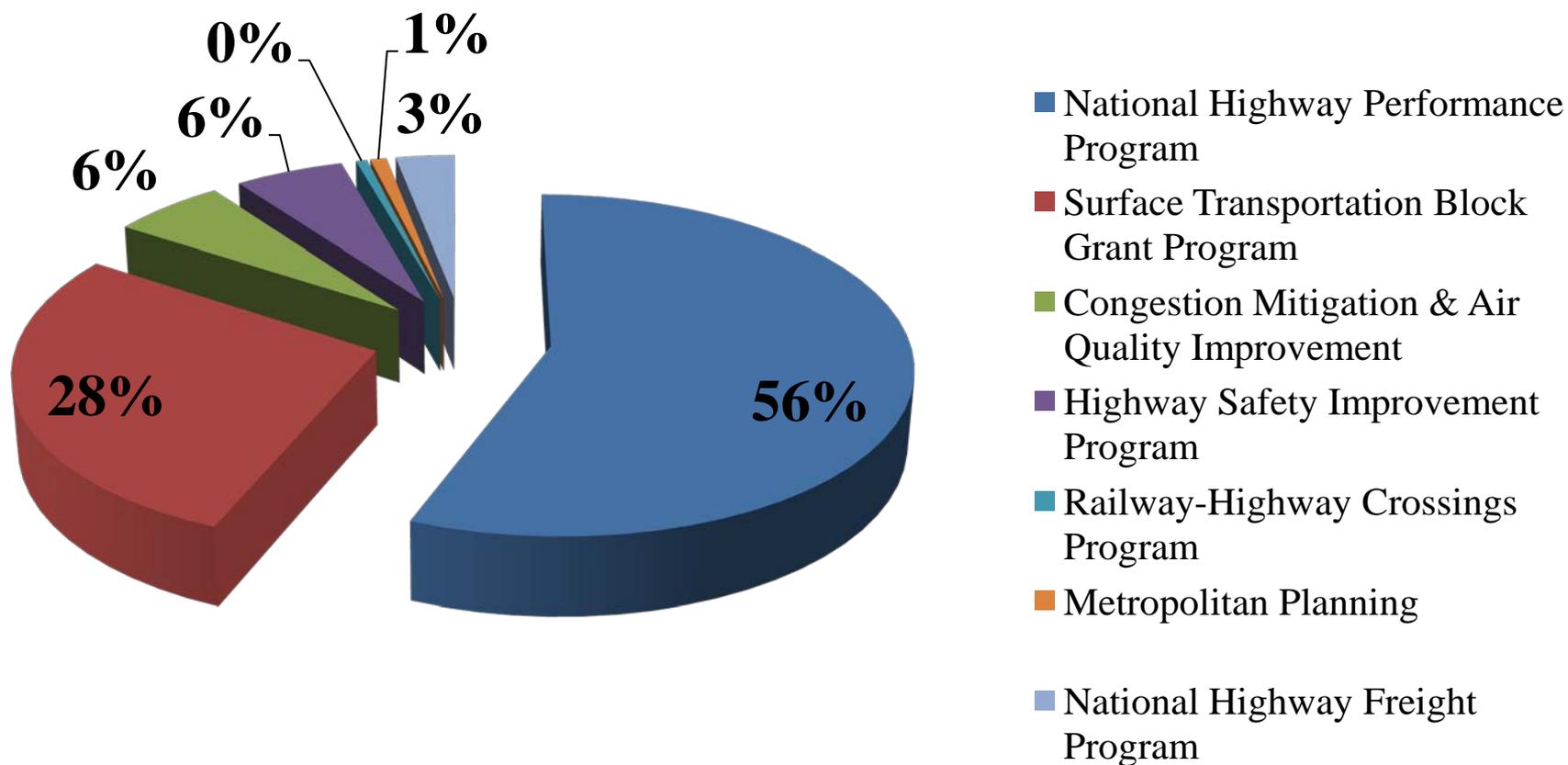


STBG: Surface Transportation Block Grant Program

Avg. Annual Funding (millions)



Avg. Annual Funding



A Multimodal Program

- **Proportionate funding increases for both highway and transit programs.**
- **Formula-based National Freight Program** to support highway freight movement.
- **Continuation of bicycle and pedestrian funding program.**
- **General Fund authorization of passenger rail funding and programs, including Amtrak.**





**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

**COMPARISON OF ACTUAL FY 2015 APPORTIONMENTS UNDER THE HIGHWAY AND TRANSPORTATION FUNDING ACT OF 2014, AS AMENDED, AND
ESTIMATED FY 2016 - FY 2020 APPORTIONMENTS UNDER THE FIXING AMERICA'S SURFACE TRANSPORTATION (FAST) ACT
(before post-apportionment set-asides; before penalties; before sequestration)**

<u>State</u>	<u>Actual FY 2015</u>	<u>Est. FY 2016</u>	<u>Est. FY 2017</u>	<u>Est. FY 2018</u>	<u>Est. FY 2019</u>	<u>Est. FY 2020</u>	<u>FY 2016 to 2020 Total</u>	<u>FY 2016 to 2020 Average</u>
North Carolina	1,006,630,450	1,057,922,052	1,079,768,287	1,103,103,510	1,128,001,186	1,155,016,278	5,523,811,313	1,104,762,263

HIGHWAY TRUST FUND APPORTIONMENTS

FOR **NORTH CAROLINA**, 2016-2020

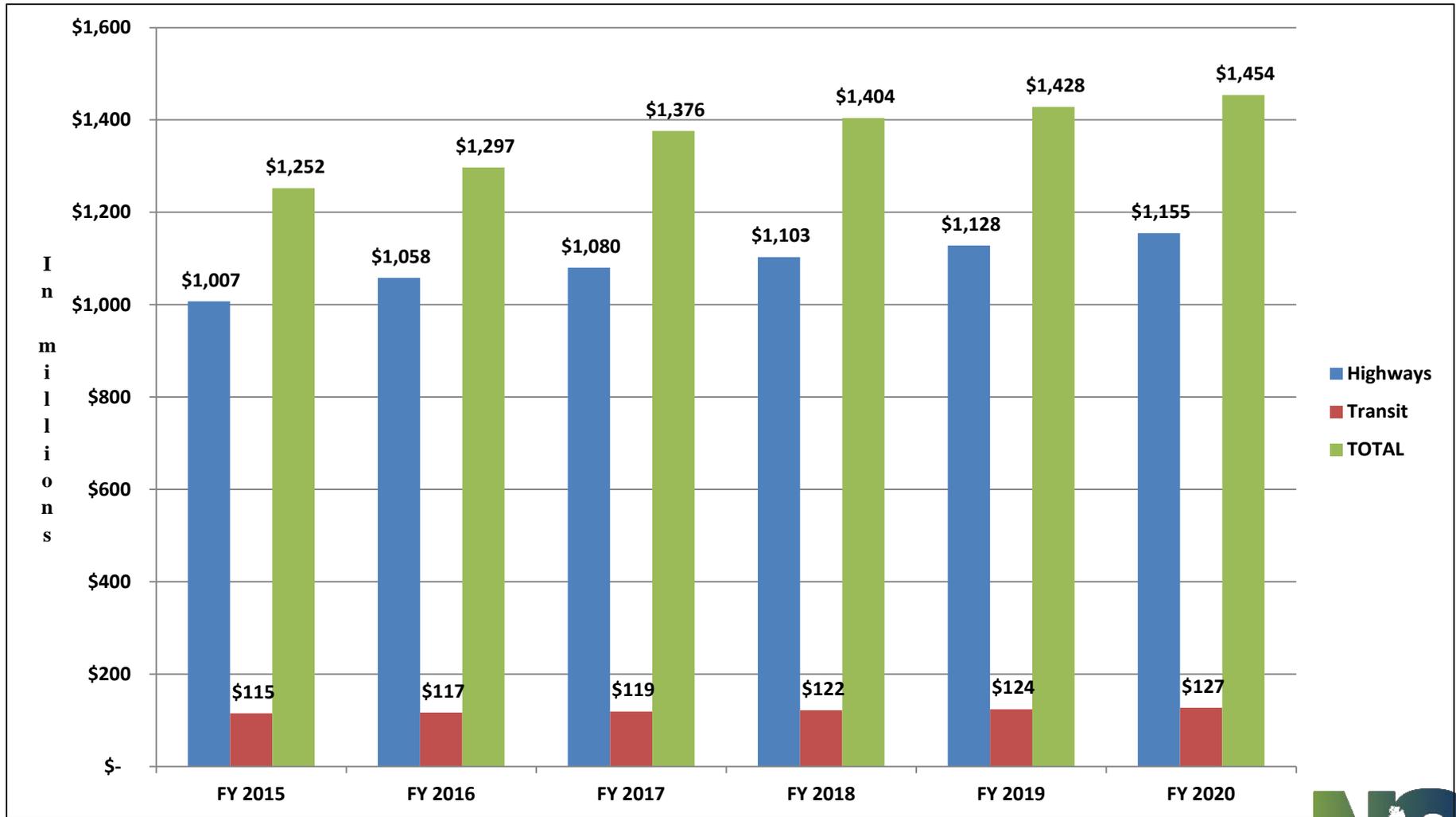


In millions

Program Category	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year Total	5-Year Avg
Highways	1,007	1,058 5.1%	1,080 2.1%	1,103 2.2%	1,128 2.3%	1,155 2.4%	5,524	1,105
Transit	115	117 1.8%	119 2.0%	122 2.1%	124 2.0%	127 2.1%	608	122
TOTAL	1,252	1,297 3.6%	1,376 6.1%	1,404 2.1%	1,428 1.7%	1,454 1.8%	6,959	1,392

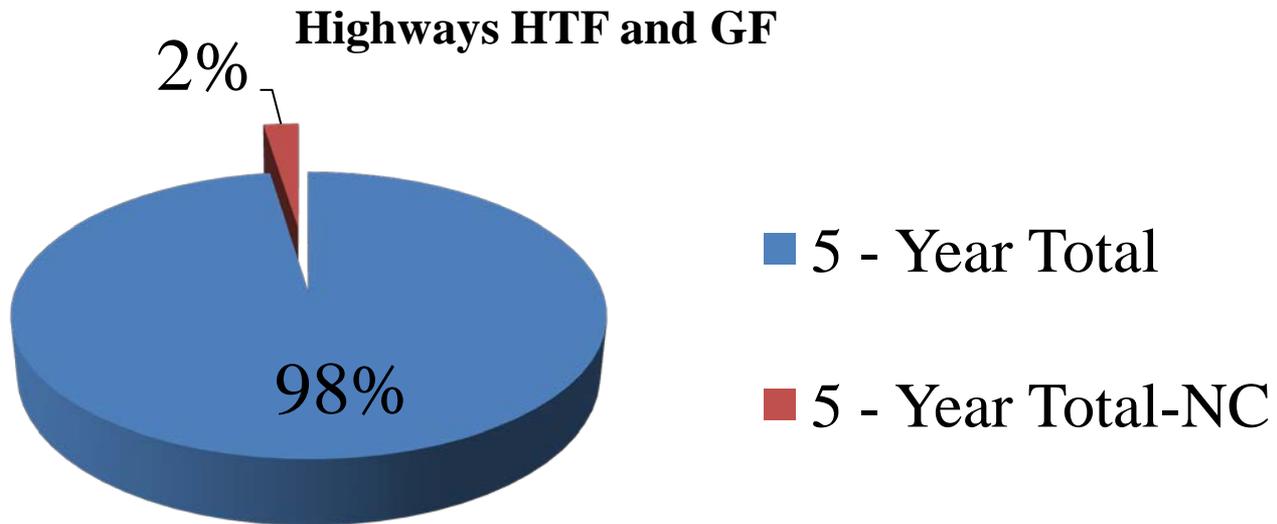
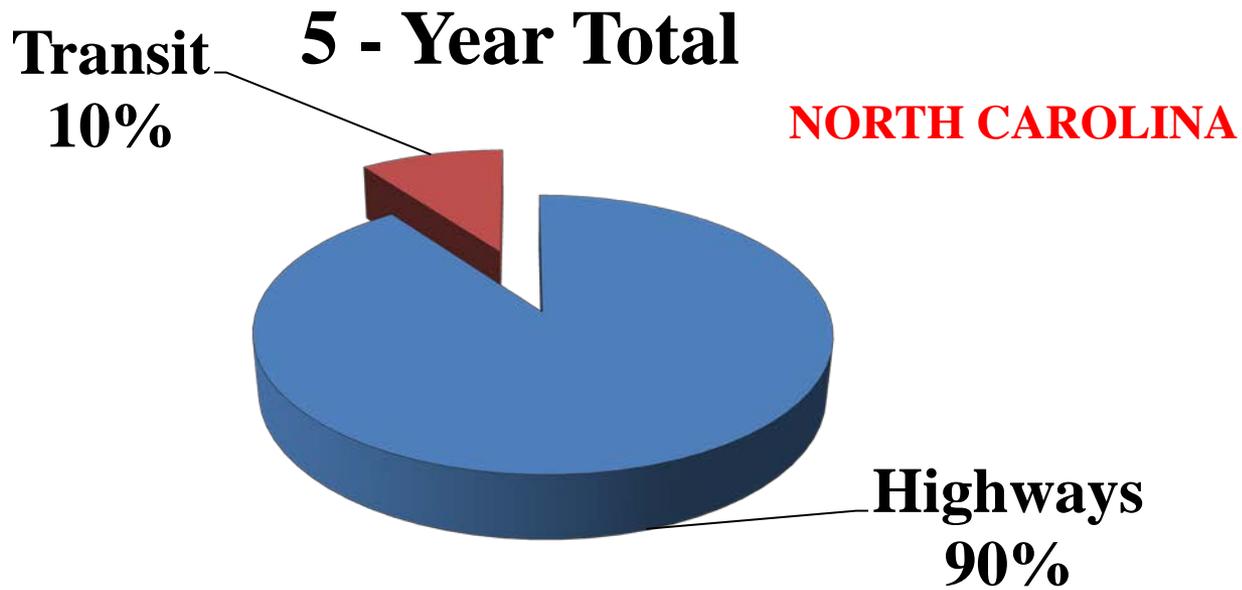


HIGHWAY TRUST FUND APPORTIONMENTS FOR **NORTH CAROLINA**, 2016-2020



\$ 6,959 Millions TOTAL





U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

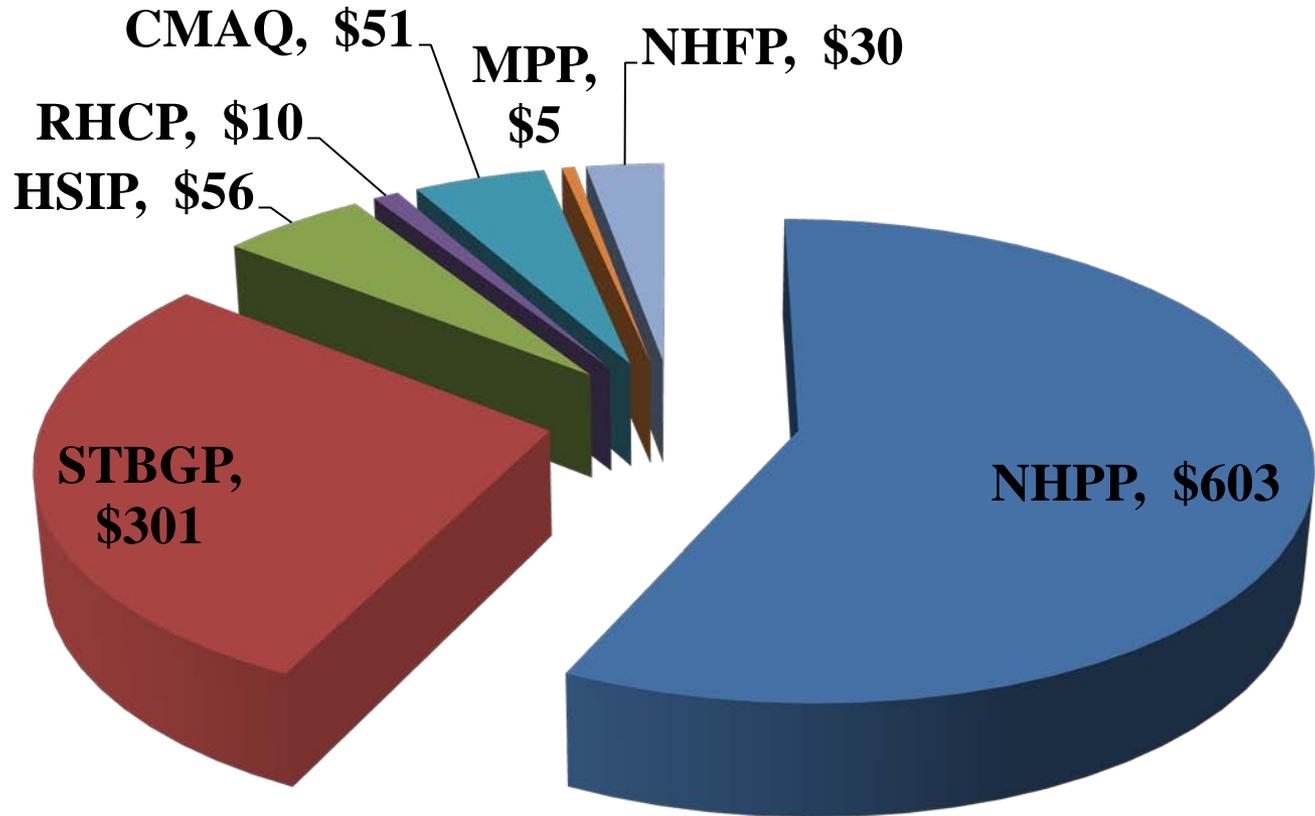
COMPARISON OF ACTUAL FY 2015 APPORTIONMENTS UNDER THE HIGHWAY AND TRANSPORTATION FUNDING ACT OF 2014, AS AMENDED, AND
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North Carolina	1,006,630,450	1,057,922,052	1,079,768,287	1,103,103,510	1,128,001,186	1,155,016,278	5,523,811,313	1,104,762,263

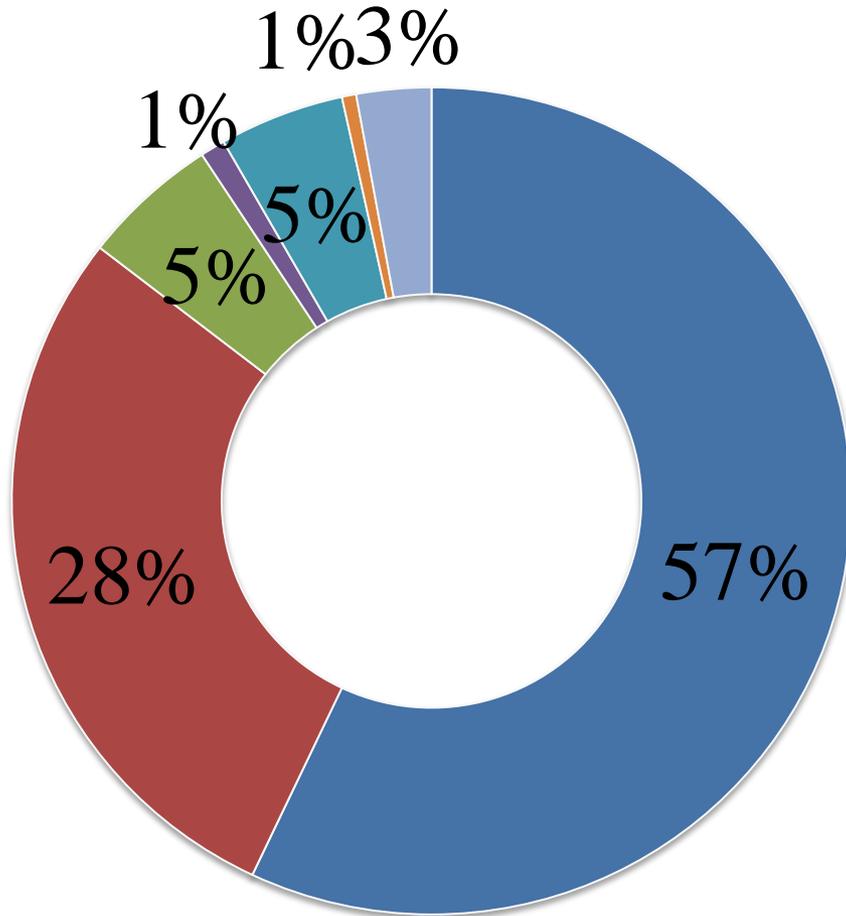
FY 2016 FEDERAL-AID HIGHWAY PROGRAM APPORTIONMENTS UNDER
FIXING AMERICA'S SURFACE TRANSPORTATION (FAST) ACT
(before post-apportionment setasides; before penalties; before sequestration)

<u>State</u>	<u>National Highway Performance Program</u>	<u>Surface Transportation Block Grant Program</u>	<u>Highway Safety Improvement Program</u>	<u>Railway- Highway Crossings Program</u>	<u>Congestion Mitigation & Air Quality Improvement</u>	<u>Metropolitan Planning</u>	<u>National Highway Freight Program</u>	<u>Apportioned Total</u>
North Carolina	603,240,031	301,185,169	56,038,289	10,157,282	51,053,464	5,792,724	30,455,093	1,057,922,052

North Carolina 2016 FY Total Apportioned Under Fast Act



North Carolina 2016 FY Total Apportioned Under Fast Act



- National Highway Performance Program
- Surface Transportation Block Grant Program
- Highway Safety Improvement Program
- Railway- Highway Crossings Program
- Congestion Mitigation & Air Quality Improvement
- Congestion Mitigation & Metropolitan Planning
- Congestion National Highway Freight Program

FMIS W10 A Report: Sample

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
FISCAL MANAGEMENT INFORMATION SYSTEM

Report: FMISW10A
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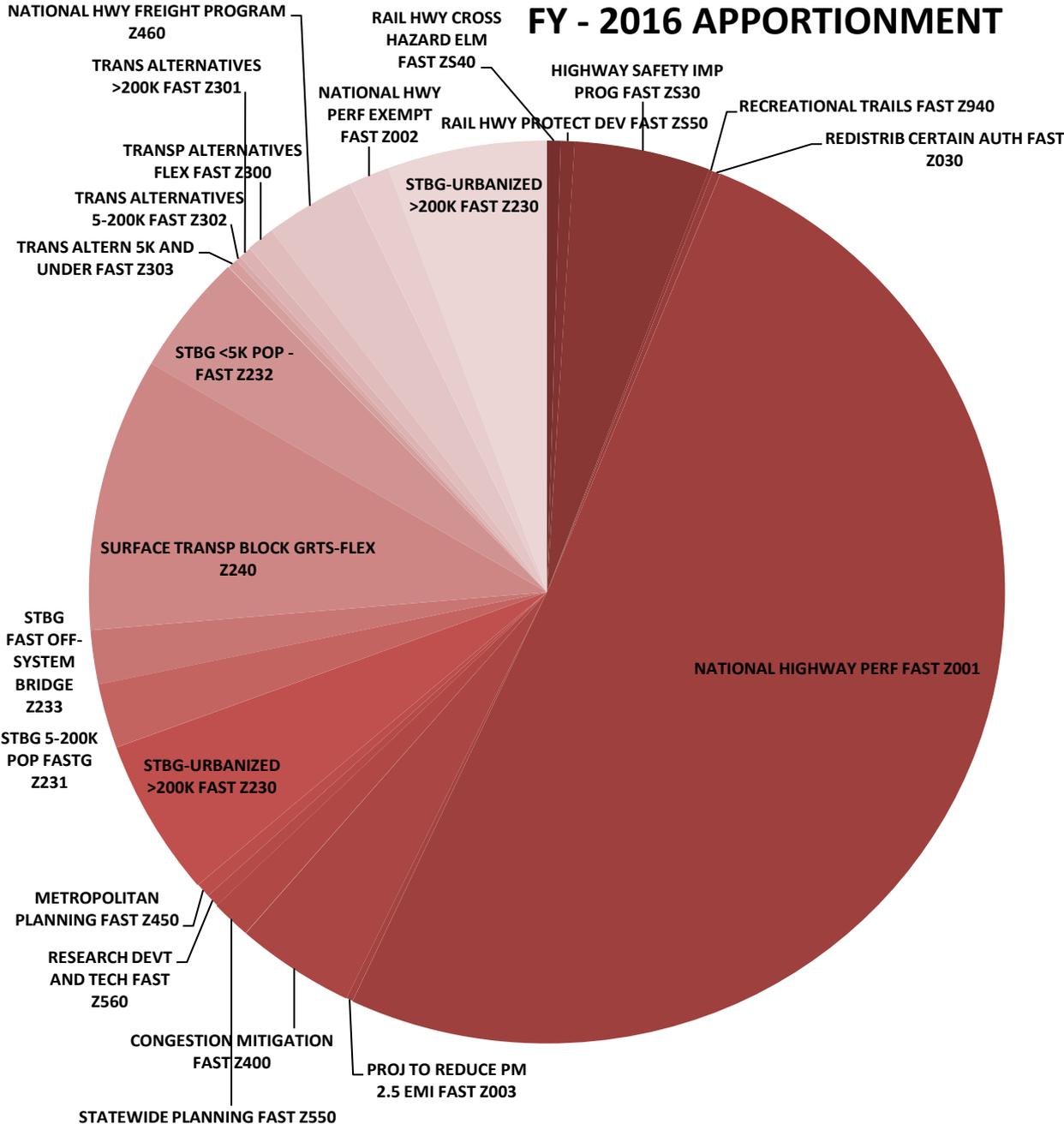
STATUS OF FUNDS - NORTH CAROLINA
AS OF 05/02/2016

FUND		FY - 2016 APPORTIONMENT	AVAILABLE FY - 2016	OBLIGATIONS FY - TO - DATE	UNOBLIGATED BALANCE	POSSIBLE LAPSE END OF FISCAL YEAR 2016	2017	2018
FUNDS SUBJ TO ANNUAL OBLIG LIM								
APPORTIONED FUNDS								
INTERSTATE MAINTENANCE	04M0			-68,377.00	68,377.00	68,377.00		
INTERSTATE MAINTENANCE STEA03	H010			-241,866.00	241,866.00	241,866.00		
INTERSTATE MAINTENANCE	L010			-4,276.00	4,276.00	4,276.00		
INTERSTATE MAINTENANCE - TEA21	Q010			-225,168.00	225,168.00	225,168.00		
INTERSTATE MAINT S-LU EXT	L01E			-1,196,978.00	1,196,978.00	1,196,978.00		
RAIL HWY CROSSING HAZARD ELIM	LS40		53,926.00	-25,074.00	79,000.00			
RL HWY CROSS HAZ ELIM S-LU EXT	LS4E		5,877.00	5,728.00	149.00			
RAIL HWY CROSSING HAZARD ELIM	MS40		324,464.00	295,205.00	29,259.00			
RAIL HWY HAZARD ELIM MAP21 EXT	MS4E	572,306.00	1,806,848.00	1,806,848.00				
RAIL HWY CROSS HAZARD ELM FAST	ZS40	4,506,335.00	4,506,335.00	500,000.00	4,006,335.00			
RAIL HWY PROTECTIVE DEVICES	LS50		62,117.00	-36,801.00	98,918.00			
RL HWY PROTECT DEV S-LU EXT	LS5E		216,968.00	-39,999.00	256,967.00			
RAIL HWY PROTECT DEV MAP-21	MS50		913,474.00	913,474.00				
RAIL HWY PROTECT DEV MAP21 EXT	MS5E	572,307.00	883,504.00	883,504.00				
RAIL HWY PROTECT DEV FAST	ZS50	4,506,334.00	4,506,334.00	2,447,999.00	2,058,335.00			
RL HWY PROTECT DEV RE.	LS5R			-580.00	580.00			
HSIP-HIGH RISK RURAL ROAD	LS20		8,832.93	-159,150.00	167,982.93			
HSIP-HIGH RISK RU RD S-LU EXT	LS2E		15,439.00	-8,341.00	23,780.00			
HSIP-HIGH RISK RURAL RDS. RE.	LS2R		26,616.07	-276,354.00	302,970.07			
HIGHWAY SAFETY IMP PROG	LS30		64,824.08	-26,071.00	90,895.08			
HWY SAFETY IMP PROG S-LU EXT	LS3E		749,232.00	506,085.00	243,147.00			
HIGHWAY SAFETY IMP PROG	MS30		43,410.00	-176,937.00	220,347.00			
HIGHWAY SAFETY IMP PROG EXTENS	MS3E	10,200,877.00	12,018,420.00	11,998,325.00	20,095.00			
HIGHWAY SAFETY IMP PROG FAST	ZS30	44,716,646.00	44,716,646.00	15,538,062.00	29,178,584.00			
SEC 164 PENALTIES - FOR HSIP	MS32		146,208.00	139,641.00	6,567.00			
HWY SAFETY IMP PROG RE.	LS3R		32,997.92	270.00	32,727.92			
RECREATIONAL TRAILS MAP-21 EXT	M94E	283,695.00	1,881,119.00		1,881,119.00			1,597,424.00
RECREATIONAL TRAILS FAST	Z940	1,313,729.00	1,313,729.00		1,313,729.00			
HIGH PRI PROJ-SUB TO LIM-TEA21	Q930		4,549,475.00	-63,473.00	4,612,948.00			
REDIST CERTAIN AUTH MAP-21 EXT	M03E	616,168.00	974,366.00		974,366.00			358,198.00

Note: Limitation and related apportioned or allocated funds may not reflect all transfers.



FY - 2016 APPORTIONMENT



- RAIL HWY CROSS HAZARD ELM FAST ZS40
- RAIL HWY PROTECT DEV FAST ZS50
- HIGHWAY SAFETY IMP PROG FAST ZS30
- RECREATIONAL TRAILS FAST Z940
- REDISTRIB CERTAIN AUTH FAST Z030
- NATIONAL HIGHWAY PERF FAST Z001
- PROJ TO REDUCE PM 2.5 EMI FAST Z003
- CONGESTION MITIGATION FAST Z400
- STATEWIDE PLANNING FAST Z550
- RESEARCH DEVT AND TECH FAST Z560
- METROPOLITAN PLANNING FAST Z450
- STBG-URBANIZED >200K FAST Z230
- STBG 5-200K POP FASTG Z231
- STBG FAST OFF-SYSTEM BRIDGE Z233
- SURFACE TRANSP BLOCK GRTS-FLEX Z240
- STBG <5K POP - FAST Z232
- TRANS ALTERN 5K AND UNDER FAST Z303
- TRANS ALTERNATIVES 5-200K FAST Z302
- TRANS ALTERNATIVES >200K FAST Z301
- TRANSP ALTERNATIVES FLEX FAST Z300
- NATIONAL HWY FREIGHT PROGRAM Z460
- NATIONAL HWY PERF EXEMPT FAST Z002
- STBG-URBANIZED >200K FAST Z230

Freight Program



A New Freight Program

- **New FAST Act- Freight Provisions.**
- **Creates a new discretionary freight-focused grant program that will invest \$4.5 billion over 5 years.**
- **Establishes a National Highway Freight Program.**
- **The Act provides \$6.3 billion in formula funds over five years for States to invest in freight projects on the National Highway Freight Network.**

A New Freight Program

- **Up to 10 percent of these funds may be used for intermodal projects.**
- **Eligible activities include construction, operational improvements, freight planning and performance measures.**
- **States required to have freight plans to obligate NHFP \$ (beginning FY 2018).**



More about Freight Networks

- **National Multimodal Freight Network (NMFN)**
- **National Highway Freight Network (NHFN)**



National Multimodal Freight Network

Include:

- **NHFN**
- **Freight Rail Systems and Railroads**
- **Public Ports**
- **Airports**
- **Intermodal facilities**
- **....**



National Highway Freight Network

Include:

- **Primary Highway Freight System (PHFS); initially 41K miles.**
- **Critical rural freight corridors identified by States.**
- **Critical urban freight corridors with State-MPO consultation.**
- **Portions of Interstate System not included in the PHFS**
- **PHFS must be re-designated every 5 years.**



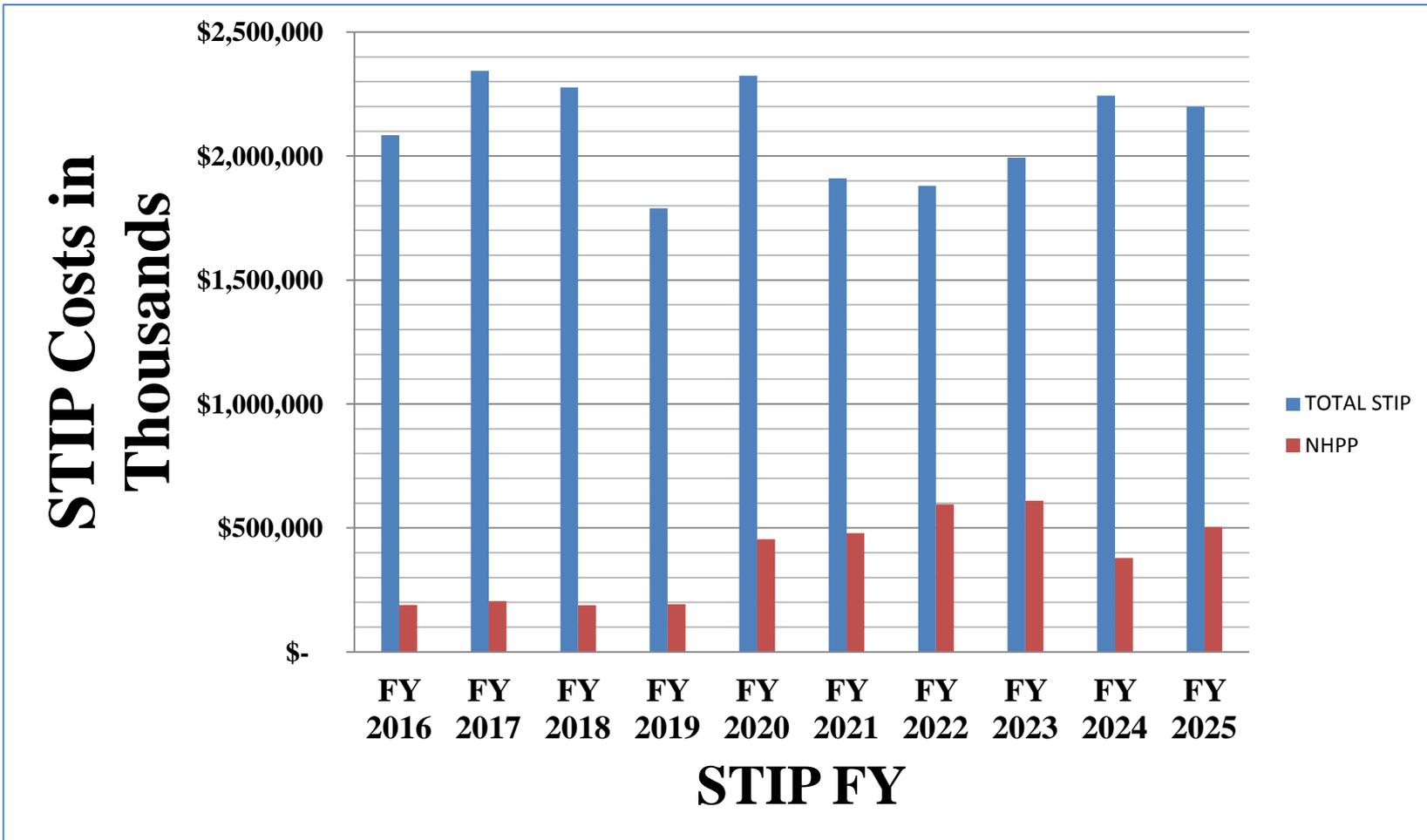
Freight Formula Funds

- **State freight plans (required) & advisory committees (encouraged).**
- **\$1.2 B / year (average), apportioned to States by formula.**
- **No State Freight Plan = No Freight Formula \$\$\$**

Other Programs

- **Federal Lands & Tribal Programs**
- **Research, development, technology & Education**
- **Planning, Performance & Project Delivery**
- **TIFIA and Ferry Boat Programs**
- **Tolling/HOV**
- **Highway Design/Urban Street Design**
- **Designate national electric vehicle charging and hydrogen, natural gas, and propane fueling corridors**

STIP 2016-2025



TOTAL STIP	1,696	\$	** 21,047,232
NHPP	297	\$	** 7,721,639
%	18%		37%

** Cost in thousands of dollars



STIP 2016-2025

NHP - National Highway Performance Program

NHPB - National Highway Performance Program
(Bridge)

NHPBA - National Highway Performance Program
(Bonus Allocation)

NHPIM - National Highway Performance Program
(Interstate Maintenance)



STIP Impacts: Mega Projects >\$50M

PROJECT	FUNDING	FY 2016-2021	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
A-0010	NHP	\$ 99,000					\$ 10,000		\$ 22,250	\$ 22,250	\$ 22,250	\$ 22,250
B-2500	NHP	\$ 122,080	\$ 40,693	\$ 40,693	\$ 40,694							
B-2500	NHPB	\$ 181,316	\$ 45,329	\$ 45,329	\$ 45,329	\$ 45,329						
I-0911	NHP	\$ 58,195		\$ 195	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500				
I-0914	NHP	\$ 119,995	\$ 22,062	\$ 22,062	\$ 22,062	\$ 7,687	\$ 7,687	\$ 7,687	\$ 7,687	\$ 7,687	\$ 7,687	\$ 7,687
I-2304	NHP	\$ 77,403	\$ 17,170	\$ 17,170	\$ 17,169	\$ 15,624	\$ 5,135	\$ 5,135				
I-2513	NHP	\$ 290,275				\$ 1,000	\$ 24,750	\$ 50,850	\$ 26,100	\$ 71,225	\$ 71,225	\$ 45,125
I-3306	NHP	\$ 66,100						\$ 100		\$ 22,000	\$ 22,000	\$ 22,000
I-3802	NHP	\$ 216,413	\$ 68,270	\$ 68,003	\$ 14,330	\$ 14,330	\$ 8,580	\$ 8,580	\$ 8,580	\$ 8,580	\$ 8,580	\$ 8,580
I-3803	NHP	\$ 67,776	\$ 11,296	\$ 11,296	\$ 11,296	\$ 11,296	\$ 11,296	\$ 11,296				
I-3819	NHP	\$ 212,376	\$ 1,097	\$ 1,097	\$ 69,030	\$ 68,931	\$ 68,930	\$ 1,097	\$ 1,097	\$ 1,097		
I-4400	NHP	\$ 62,600			\$ 2,000		\$ 60,600					
I-4700	NHP	\$ 170,200			\$ 4,000		\$ 137,150	\$ 29,050				
I-5111	NHP	\$ 153,000			\$ 74,334	\$ 39,333	\$ 39,333					
I-5405	NHPBA	\$ 77,000	\$ 29,666	\$ 23,668	\$ 23,666							
I-5703	NHP	\$ 64,425								\$ 21,475	\$ 21,475	\$ 21,475
I-5718	NHP	\$ 229,033									\$ 135,167	\$ 93,866
I-5719	NHP	\$ 148,000						\$ 21,700	\$ 18,800	\$ 53,750	\$ 53,750	\$ 53,750
I-5895	NHP	\$ 65,300						\$ 6,300		\$ 29,500	\$ 29,500	\$ 29,500
I-9999	NHPIM	\$ 488,522	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 63,522	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
R-1015	NHP	\$ 89,486	\$ 6,558	\$ 5,712	\$ 9,652	\$ 9,652	\$ 9,652	\$ 9,652	\$ 9,652	\$ 9,652	\$ 9,652	\$ 9,652
R-2633	NHP	\$ 166,630	\$ 18,780	\$ 18,780	\$ 21,480	\$ 18,780	\$ 18,780	\$ 18,780	\$ 15,375	\$ 15,375	\$ 15,375	\$ 5,125
R-2721	NHP	\$ 193,728		\$ 37,538	\$ 23,320	\$ 23,320	\$ 23,320	\$ 17,246	\$ 17,246	\$ 17,246	\$ 17,246	\$ 17,246
R-2828	NHP	\$ 116,254									\$ 76,052	\$ 40,202
U-2412	NHP	\$ 51,900				\$ 12,975	\$ 12,975	\$ 12,975	\$ 12,975			
U-2509	NHP	\$ 354,500					\$ 47,500	\$ 47,500	\$ 64,875	\$ 64,875	\$ 64,875	\$ 64,875
U-2519	NHP	\$ 202,588	\$ 33,395	\$ 25,095	\$ 46,561	\$ 39,197	\$ 39,195	\$ 3,829	\$ 3,829	\$ 3,829	\$ 3,829	\$ 3,829
U-2524	NHP	\$ 145,930	\$ 26,386	\$ 26,385	\$ 13,002	\$ 13,002	\$ 13,002	\$ 13,002	\$ 13,002	\$ 13,002	\$ 13,002	\$ 2,145
U-2579	NHP	\$ 313,577	\$ 10,411	\$ 10,411	\$ 41,644	\$ 36,058	\$ 36,058	\$ 40,854	\$ 37,829	\$ 37,829	\$ 37,829	\$ 24,654
U-2719	NHP	\$ 128,411			\$ 48,836	\$ 26,525	\$ 26,525	\$ 26,525				
U-2827	NHP	\$ 87,849	\$ 38,383	\$ 24,733	\$ 24,733							
U-4700	NHP	\$ 211,720			\$ 51,170	\$ 50,750	\$ 875	\$ 21,625	\$ 29,100	\$ 29,100	\$ 29,100	
U-5301	NHP	\$ 89,700							\$ 10,700		\$ 45,400	\$ 33,600
U-5307	NHP	\$ 205,500						\$ 81,900	\$ 41,200	\$ 41,200	\$ 41,200	
U-5518	NHP	\$ 51,400				\$ 4,500		\$ 11,725	\$ 11,725	\$ 11,725	\$ 11,725	
U-5713	NHP	\$ 66,000						\$ 26,833	\$ 25,833	\$ 13,334		

In Thousands



STIP Impacts

- **About \$30 M in NHFP program each FY.**
- **STIP Managers have to:**
Investigate/Coordinate and figure out which existing projects can program this funding on – May be most any interstate widening.



STIP Impacts

- **The only new funding designation will be added to the STIP due to the FAST act is STBP (Surface Transportation Block Grant).**
- **STP project → STPB project,**
- **STP-DA project → STBG-DA, etc.**
- **Using TAP and TAPDA for the STP block grant set asides for those purposes.**



Challenges

FAST Act → What this does for North Carolina

- **FAST delivers 5 years of certainty.**
- **Total NC State shares over 5 years of the FAST Act: \$6,959M.**
- **Major State Projects that can benefit from the FAST Act.**



FAST Act → What this does for North Carolina?

- **Plan and budget for transportation projects accomplished in MAP-21, FAST is cutting red tape and accelerating project delivery to increase NC's ability to efficiently finish projects.**
- **FAST gives NC the ability to prepare for the next 5 years with a focus on innovation that NC can better deploy technology to improve the state transportation network and State freight plans.**



FAST Act → What this does for North Carolina?

- **Development of a National Freight Strategic Plan (NFSP) to implement the goals of the new National Multimodal Freight Policy.**
- **The NFSP will address the conditions and performance of the multimodal freight system, identify strategies and best practices to improve intermodal connectivity and performance of the national freight system, and mitigate the impacts of freight movement on communities.**

Let us Build our State Freight Plans!



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Transportation

Fixing America's Surface Transportation Act or "FAST Act"

FAST Act Home

Milestones

Summary

Funding

Fact Sheets

Legislation

Presentations

Guidance & Regulations

Fact Sheets

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