

Governor's Advisory Commission on Intermodal Transportation

**2021-2030 Draft Ten Year Plan
GACIT Meeting #3
August 14, 2019**

Dover Public Library – Dover, NH

Previous GACIT Meeting

Agenda

- 2019 & 2020 Program Summary
- Color of Money – Funding Review
- Establish Financial Constraint for Draft TYP
- Confirm Strategic Priorities
- Schedule of Hearings

GACIT Meeting #3- August 14th – Present Draft TYP

GACIT Meeting #3

Agenda

- Review supplement
- Review strategies
- Funding synopsis
- Bridge conditions/projections
- Pavement conditions/projections
- Expenditures by program
- RPC priority projects
- Virtual Public Involvement (VPI) Survey

Draft Ten Year Plan - Strategies

- Focus on Pavement Preservation
- Focus on Red List Bridges & Bridge Preservation
- Dedicate SB367 funds for TIFIA loan pledged rural roads & bridges
- Completion of I-93 & Increase funding for Exit 4A
- Financially Constrain to \$183M/yr - level federal funding
- Include \$50M for RPC projects in 2029/2030 (\$25M/yr)
 - Received \$74M in project requests from 9 RPC's
 - Allowed future RPC allocation pledges to fully fund projects

Draft Ten Year Plan - Strategies

- Address major project cost increases
 - Exit 4A, Bow-Concord, Interstate 4R projects
- GARVEE bonding
 - Current TYP - \$70M GARVEE
 - Lebanon-Hartford & Hinsdale-Brattleboro bridges
 - Draft TYP - \$80M GARVEE
 - Hinsdale-Brattleboro , Seabrook-Hampton
- Delay Bow-Concord by 2 years to 2026
- Transfer 25% (\$2.2M) of CMAQ to other Federal Categories
- Maintain and extend all programs by 2 years
- Invest additional SB367 revenue in paving to improve projected condition
- Increase investment in Bridge preservation & Resurfacing programs to mitigate inflation impacts

TYP Funding Synopsis

Typical Annual Funding Utilization

FAST Act Federal Funding approximately \$183M/year

- Paving & Bridge Projects (avg.): \$107M
- Mandated Federal (CMAQ, TA, SPR, HSIP, LTAP, etc): \$31M
- GARVEE Debt Service through 2025 (\$7.3M 2026-30): \$24M

Annual Dedicated Funding: \$162M/year

- Individual Roadway Projects (remainder funding): avg. - \$21M/year

Transit Funding (FTA): averages \$32 M/year

Airport Funding (FAA): averages \$26 M/year

TYP Funding Synopsis (con't)

Betterment Funding \$24 M/year

- Preservation & Maintenance (Roads & Bridges)

Turnpike Funding for Capital & TRR averages \$67 M/year

SB367 Funding for I-93 Expansion, SAB, TIFIA DS

- \$32M per year net of Municipal Block Grant Aid
- State Aid Bridge: \$6.8M/year
- I-93 Debt Service: Averages \$2.0M/year (thru 2025)
- TIFIA Pledged Paving & Bridge Work: \$14M/year (paving)
\$ 9M/year (bridges)
- I-93 Debt Service 2026-2034 increases to \$23.4M/year

Program funding changes

- \$10M/year added to resurfacing program in 2029 & 2030
 - Pave-T1-Resurf – added \$4.25M/yr to \$16.5M
 - Pave-T2-Rehab – added \$2.0M/yr to \$4.65M
 - Pave-T2-Resurf – added \$2.5M/yr to \$26M
 - Pave-T3/4-Resurf – added \$1.25M/yr to \$17.7M
- \$6.5M/year added to Bridge preservation programs in 2029 & 2030
 - Bridge-HIB M&P – added \$700K/yr to \$3.6M
 - Bridge-T1/T2 M&P – added \$3.4M/yr to \$11.5M
 - Bridge-T3/T4 M&P – added \$2.4M/yr to \$6M
- SB367 revenue increase - \$2M/yr. through 2025, \$1.5M/yr. 2026-30 to resurfacing program
- Betterment revenue increase - \$1M/yr. through 2030 to resurfacing
- 5 Red List bridges added to the two outer years
- 1 Interstate rehabilitation project (4R) added to 2030 - \$17M
- CMAQ program reduced by \$2.2M/year to \$8.9M/yr

Draft TYP (2021 – 2030) Funding

DRAFT 2021-2030 Ten Year Plan All Funding

FISCAL YEAR	PAVEMENT	BRIDGES	I-93 EXPANSION	MANDATED FEDERAL	INDIVIDUAL PROJECTS	ROADSIDE	RAIL	TRANSIT	AIRPORTS	DEBT SERVICE	GRAND TOTAL
2021	86.39	128.93	30.11	31.26	66.05	11.78	0.60	29.48	45.97	22.00	452.58
2022	71.26	99.00	14.90	31.26	88.93	12.17	2.10	30.17	24.96	23.47	398.22
2023	75.70	99.59	12.50	31.43	91.09	12.63	0.60	30.79	39.33	24.38	418.05
2024	83.18	82.54	12.50	31.26	87.58	12.06	0.60	31.43	28.06	25.27	394.47
2025	92.00	70.20	0.00	31.26	102.92	12.14	2.10	32.08	33.91	24.80	401.40
2026	80.72	84.13	0.00	31.26	81.64	14.06	0.60	32.74	17.39	29.16	371.71
2027	80.93	75.41	0.00	31.32	82.44	14.04	0.60	33.39	21.83	29.04	368.99
2028	72.04	90.56	0.00	31.14	92.67	14.06	2.10	34.07	28.76	28.90	394.31
2029	84.54	88.10	0.00	31.14	60.44	17.92	0.60	33.66	18.65	28.77	363.83
2030	98.72	64.56	0.00	32.63	56.01	14.06	0.60	34.32	31.24	26.03	358.16
Total	825.48	883.02	70.00	313.95	809.77	134.90	10.50	322.13	290.12	261.81	3921.70
% Grand Total	21.0%	22.5%	1.8%	8.0%	20.6%	3.4%	0.3%	8.2%	7.4%	6.7%	100.0%

~ Dollars include indirect costs and inflation (2.80%)

~Totals adjusted in individual years to account for estimated bridge work

12-Aug-19

• FY21-FY30 Estimated Program Expenditures

- Pavement (state & federal) – averages \$83M per year
- Bridges (state & federal) – averages \$88M per year
- I-93 Expansion - \$70M over ten-year period
- Mandated Federal – averages \$31M per year
- Individual Projects- \$810M over ten-year period
- Transit & Airports - \$612M over ten-year period
- Total Program - \$3.92Billion

Category Expenditure Comparison

DRAFT 2021-2030 Ten Year Plan All Funding

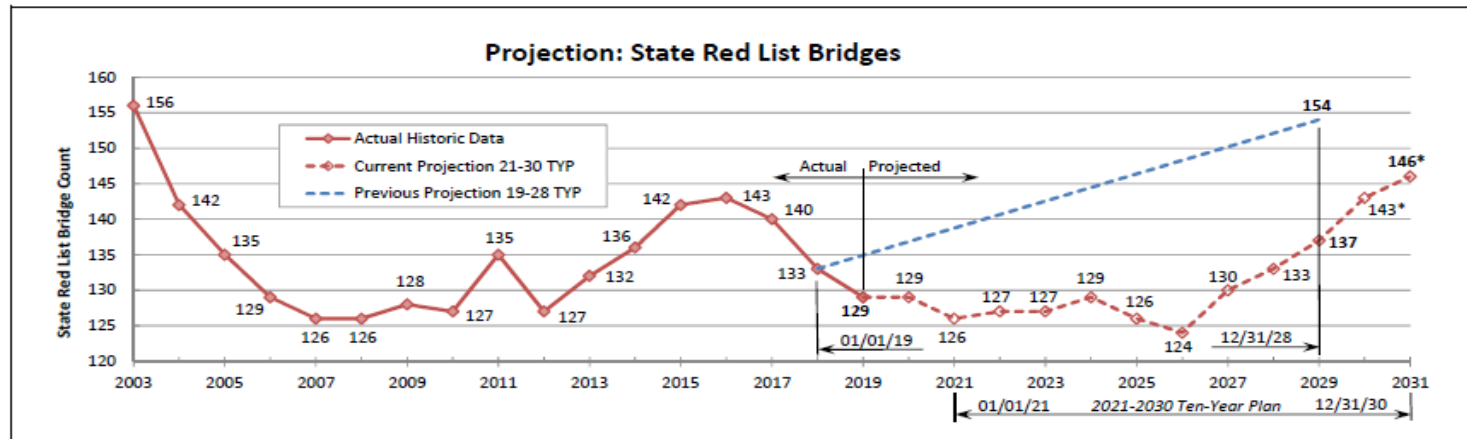
TYP	PAVEMENT	BRIDGES	I-93 EXPANSION	MANDATED FEDERAL	INDIVIDUAL PROJECTS	ROADSIDE	RAIL	TRANSIT	AIRPORTS	DEBT SERVICE	GRAND TOTAL
2021-2030	825.48	883.02	70.00	313.95	809.77	134.90	10.50	322.13	290.12	261.81	3921.70
2019-2028	774.99	764.13	80.53	321.07	846.61	93.68	12	320.51	256.11	275.92	3745.54
Difference	50.49	118.89	-10.53	-7.12	-36.84	41.22	-1.50	1.62	34.01	-14.11	176.16

08/12/19

\$3.92 Billion Transportation program - \$176M increase over current TYP

- Pavement - \$50M increase – State & Federal funding sources
- Bridges - \$119M increase – Bridges moved from Individual projects & M&P program increases
- Roadside - \$41M increase – Included Tpk. R&R roadside allotment
- Airport - \$34M increase – additional funding

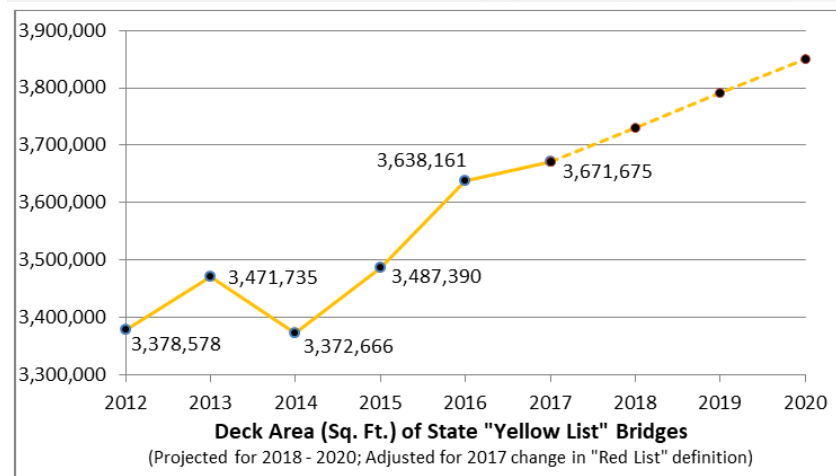
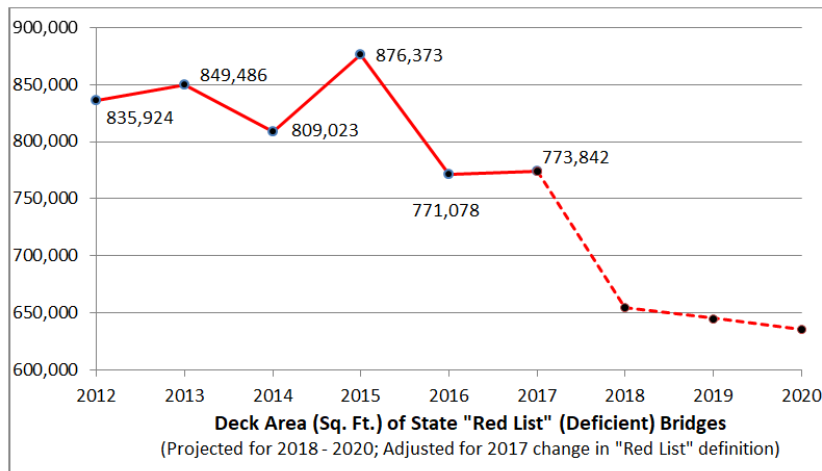
Red List Projection



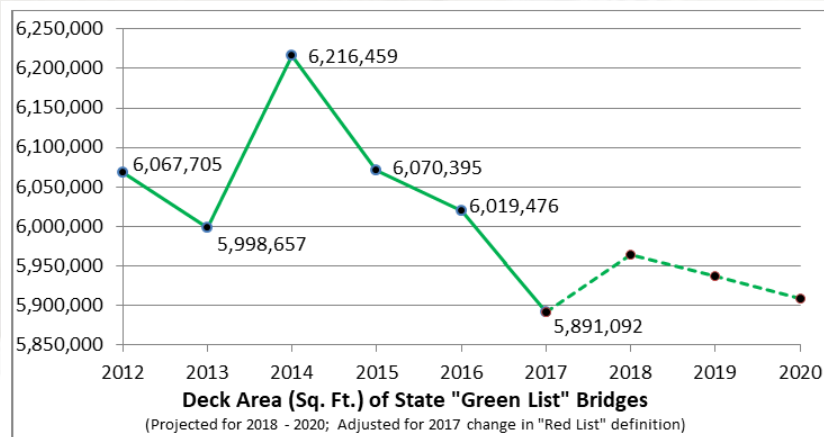
State-Owned Counts	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Poor Count ("4" or less)	127	135	127	132	136	142	140	140	133	129
Fair Count ("5")	254	261	267	271	286	295	295	300	305	310
Fair Count ("6")	527	522	517	508	517	506	535	544	561	572
Good Count ("7" or greater)	1183	1191	1206	1216	1193	1194	1163	1150	1137	1127
Black (non-hwy/closed)	30	27	26	26	23	23	23	24	25	24
Total State-Owned Count	2127	2136	2143	2153	2155	2160	2156	2158	2161	2162

- Based on recommended level of investment in draft TYP of \$77m/year on average the number of State Red List Bridges (SRL)
 - Drops to an all-time low of 124 by 2026
 - Increases to **146** by 2030
 - HB1817 & SB367 investments in bridges is making a difference
 - Investment in preservation is reducing the number coming on (\$17M/year)
 - 125 of 129 red list bridges listed in 2019 will be addressed
- Current SRL bridge total – **129** (2019)
- Bridges added to SRL by 2030 - **192**
 - Approx. 60% of bridges rated “5” are expected to come on SRL
- Bridges expected to be removed from SRL by 2030 - **175**
 - 84** removed by Bridge Maintenance forces
 - 91** removed by TYP projects

Bridge Condition – SF of DECK AREA

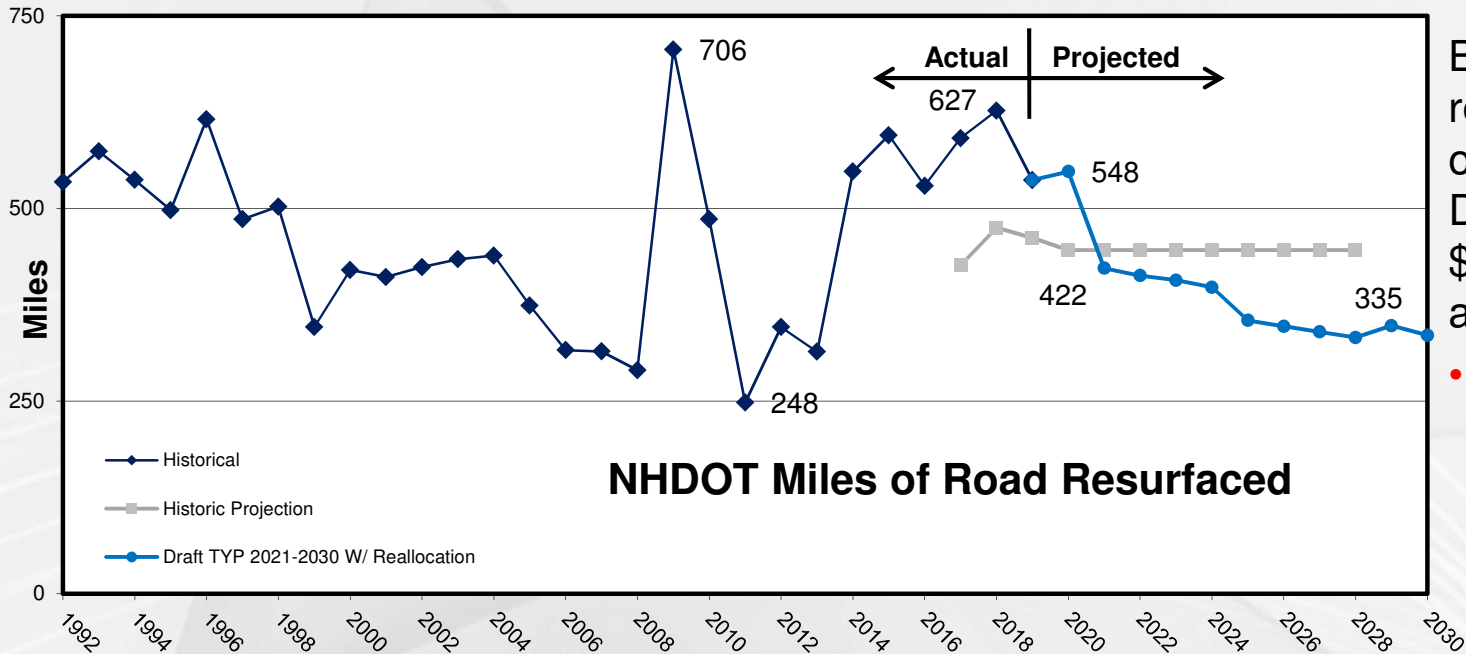


- **SF of deck area on the Red List trending downward through 2020 (7% - 2018)**
 - Reflects recent influx of one-time funding for bridges and recent work on large bridges
- **SF of deck area on Yellow List trending upward through 2020 (36% - 2018)**
 - Bridges stay in fair condition for longer periods due to preservation efforts
- **SF of deck area on Green List trending downward through 2020 (57% - 2018)**



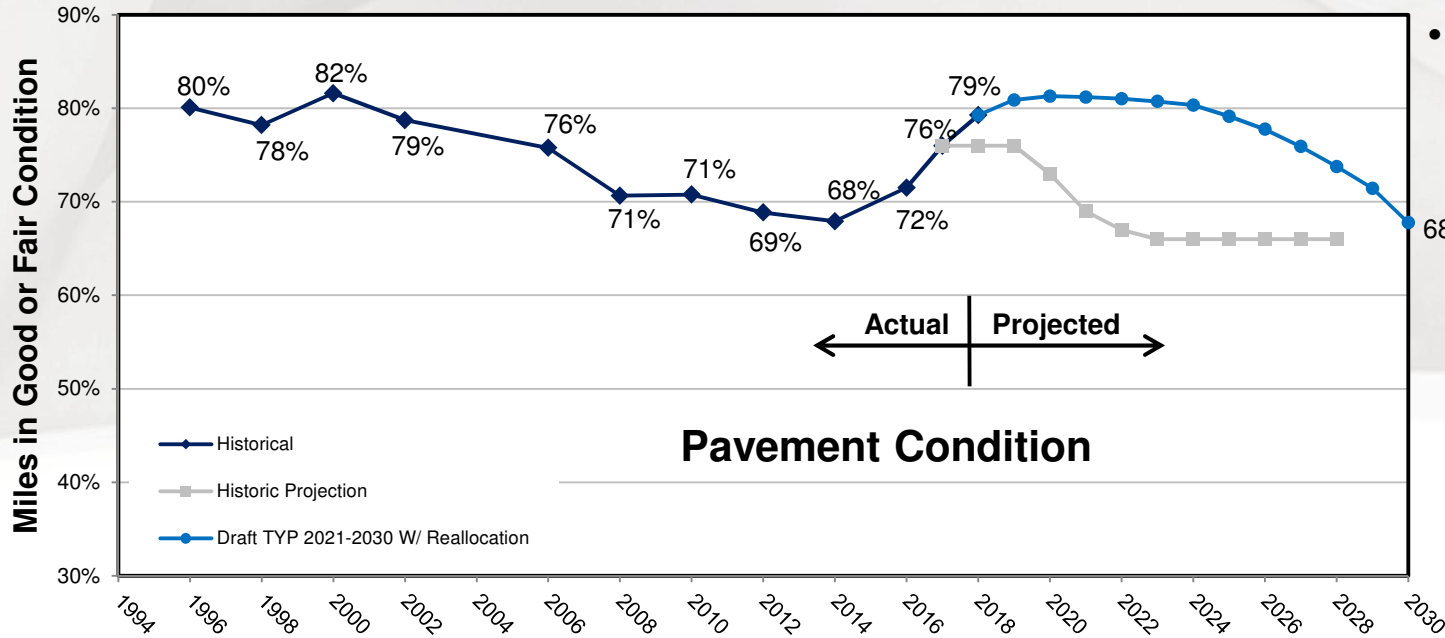
Road Condition - Projection

Avg. Investment=\$74M



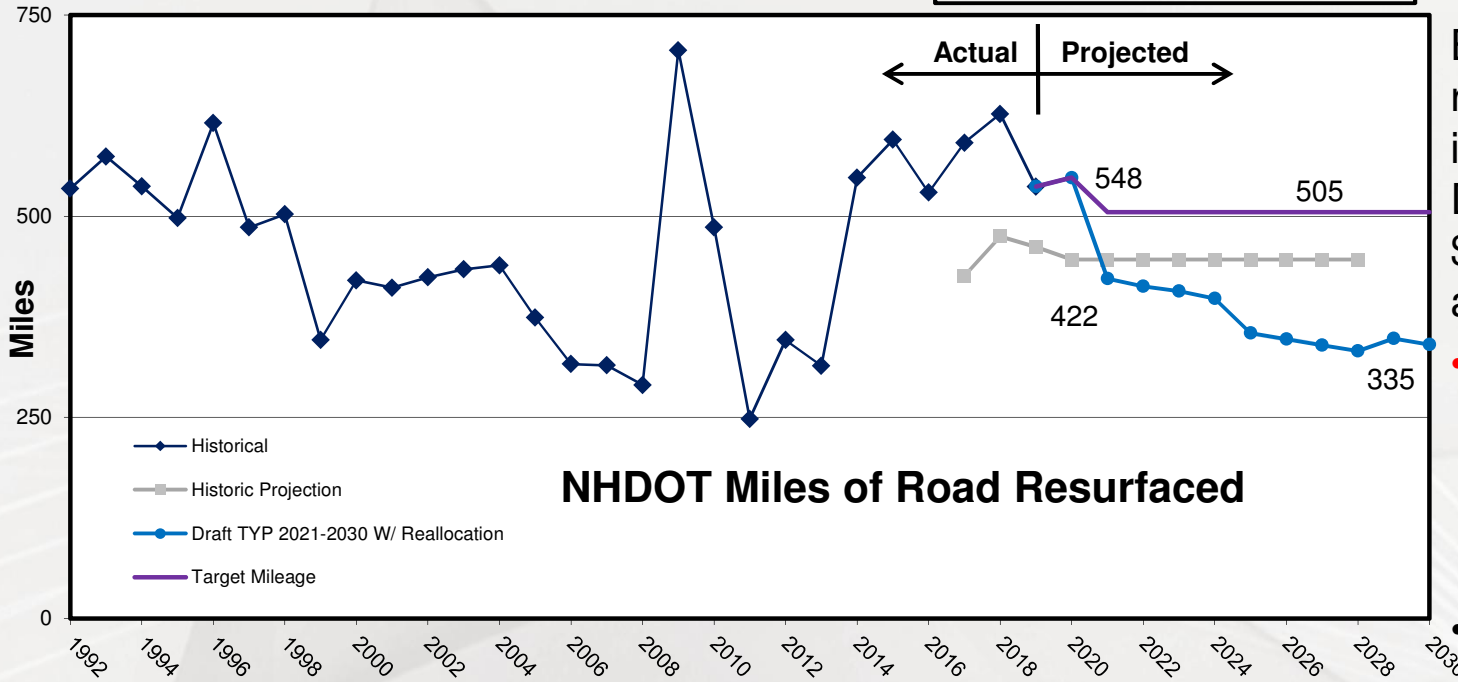
Based on the recommended level of investment in the Draft TYP of \$74M/year on average

- Conditions for the next 5 years are expected to be 80% good/fair – above average
- Conditions in the later years are expected to decline by 15% to 68% good/fair



Target Mileage and Condition

Avg. Investment=\$96M

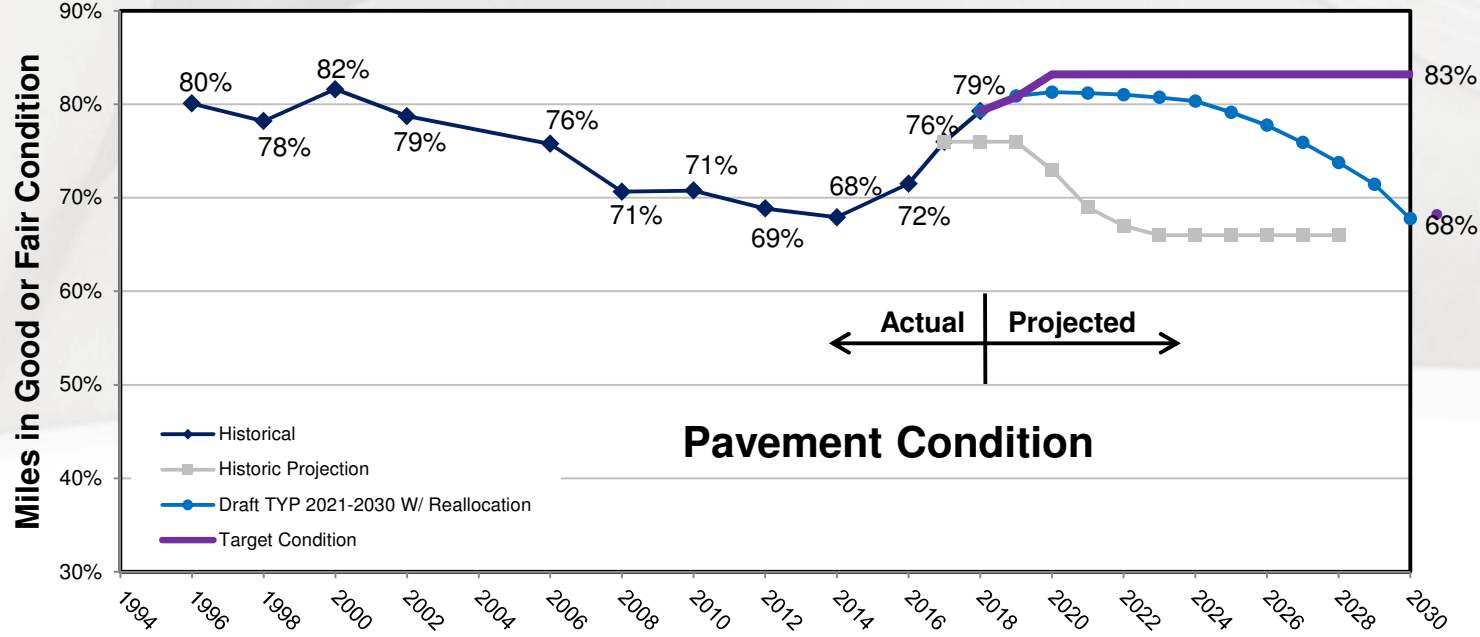


Based on the recommended level of investment in the Draft TYP of \$74M/year on average

- Conditions for the next 5 years are expected to be 80% good/fair – above average

- Conditions in the later years are expected to decline by 15% to 68% good/fair

Additional \$22M/yr to meet target miles of 500 miles/year w/ 83% good/fair





Color of Money

Draft TYP (2021 – 2030) Funding

DRAFT 2021-2030 Ten Year Plan
Total Program Dollars by FY

FY	Highway and Bridge								Other Modes					TYP FY Total	% of Total Program
	Highway Funded							Non-Highway Funded							
	FHWA ^{1,4,5}	Major Bridge Projects GARVEE	Betterment ²	SB367			Other ³ Matching Funds	Sub Total	Turnpike ⁷ Improvement	Turnpike R&R	Rail ⁵	Transit ⁶	Airport		
				SAB ^{2,9}	I-93 Debt Service	TIFIA Pledged Paving & Bridge									
2021	\$ 206.97	\$ 14.84	\$ 24.05	\$ 20.84	\$ 2.15	\$ 21.27	\$ 14.23	\$ 304.35	\$ 48.94	\$ 24.35	\$ 0.66	\$ 28.48	\$ 45.80	452.58	11.5%
2022	\$ 203.46	\$ -	\$ 24.05	\$ 10.88	\$ 2.20	\$ 23.45	\$ 3.05	\$ 267.08	\$ 61.11	\$ 13.90	\$ 2.10	\$ 29.17	\$ 24.85	398.22	10.2%
2023	\$ 194.86	\$ 10.01	\$ 24.05	\$ 9.37	\$ 2.20	\$ 26.05	\$ 4.41	\$ 270.94	\$ 63.10	\$ 14.40	\$ 0.60	\$ 29.79	\$ 39.20	418.05	10.7%
2024	\$ 190.91	\$ 13.47	\$ 24.05	\$ 8.50	\$ 2.20	\$ 23.77	\$ 2.50	\$ 265.40	\$ 57.21	\$ 13.30	\$ 0.60	\$ 30.43	\$ 27.54	394.47	10.1%
2025	\$ 196.62	\$ 8.15	\$ 24.05	\$ 8.50	\$ 2.19	\$ 19.70	\$ 3.19	\$ 262.41	\$ 58.73	\$ 13.60	\$ 2.10	\$ 31.08	\$ 33.48	401.40	10.2%
2026	\$ 189.37	\$ 13.65	\$ 24.05	\$ 8.50	\$ 23.41	\$ 1.50	\$ 0.34	\$ 260.82	\$ 47.56	\$ 13.80	\$ 0.60	\$ 31.74	\$ 17.19	371.71	9.5%
2027	\$ 191.33	\$ -	\$ 24.05	\$ 8.50	\$ 23.41	\$ 1.50	\$ 0.17	\$ 248.95	\$ 51.12	\$ 14.10	\$ 0.60	\$ 32.39	\$ 21.83	368.99	9.4%
2028	\$ 193.43	\$ -	\$ 24.05	\$ 8.50	\$ 23.41	\$ 1.50	\$ 1.61	\$ 252.49	\$ 63.48	\$ 14.40	\$ 2.10	\$ 33.07	\$ 28.76	394.31	10.1%
2029	\$ 192.72	\$ -	\$ 24.05	\$ 8.50	\$ 23.41	\$ 1.50	\$ 4.52	\$ 254.69	\$ 42.52	\$ 14.70	\$ 0.60	\$ 32.66	\$ 18.65	363.83	9.3%
2030	\$ 189.55	\$ -	\$ 24.05	\$ 8.50	\$ 23.41	\$ 1.50	\$ 0.05	\$ 247.06	\$ 30.94	\$ 15.00	\$ 0.60	\$ 33.32	\$ 31.24	358.16	9.1%
Program Total	1,949.21	60.13	240.50	100.59	127.96	121.74	34.08	2,634.20	524.70	151.55	10.56	312.13	288.56	3,921.70	100.0%
% of Total Program	74.0%	2.3%	9.1%	3.8%	4.9%	4.6%	1.3%	100.0%							
Revenue ⁸	\$1,940.54	\$60.13	\$240.50	\$360.71			\$34.08	\$ 2,636	\$ 524.70	\$ 151.55	\$ 10.56	\$ 312.13	\$ 288.56	\$ 3,923.46	
	\$2,635.96								\$1,287.50						
Surplus/(Deficit)	(\$8.67)	\$0.00	\$0.00	\$10.43			\$0.00	\$ 1.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.75	
	\$1.75														

- Notes:
- 1- I-93 Payments based on GARVEE Bonds and Debt Service are Included
 - 2- Betterment program maintained at current budget levels and SAB program includes carryover from the State Aid Bridge program
 - 3- Total comprised from project matching costs Maine, Vermont, other states, and municipalities
 - 4- Figures include inflation
 - 5- FHWA categories includes approximately \$1.16 million annually to address railroad crossings
 - 6- Self-funded FTA programs and projects are limited to available funds
 - 7- Proposed Turnpike Capital program, and projects that may be constructed under current toll structure (no toll increase)
 - 8- FHWA Revenue based on FAST Act anticipated apportionments based on FY 2020 and level funded there after.
 - 9- 2021; 2022; 2023 funding includes other non-formula federal funds (FEMA)

~ Dollars include indirect costs and inflation (2.80%)

Dollars in Millions

Amounts in Millions of Dollars

Rainbow Chart Comparison

Comparison 2019-2028 to 2021-2030

Average Ten Year Expenditures By TYP	Highway and Bridge										Other Modes					TYP FY Total
	Highway Funded										Non-Highway Funded					
	FHWA	TIFIA Financing I-93	Major Bridge Projects GARVEE	Betterment	SB367			SAH	Other Matching Funds	Sub Total	Turnpike Improve- ment	Turnpike R&R	Rail	Transit	Airport	
					SAB	I-93 Debt Service	TIFIA Pledged Paving & Bridge									
2021-2030	1,949.21	0.00	60.13	240.50	100.59	127.96	121.74	0.00	34.08	2,634.20	524.70	151.55	10.56	312.13	288.56	3,921.70
2019-2028	1,853.73	11.64	65.96	224.13	94.94	84.36	140.66	1.23	46.19	2,522.84	497.25	137.30	12.00	320.03	256.11	3,745.54
Difference	\$ 95.48	\$ (11.64)	\$ (5.83)	\$ 16.37	\$ 5.65	\$ 43.60	\$ (18.92)	\$ (1.23)	\$ (12.11)	\$ 111.36	\$ 27.45	\$ 14.25	\$ (1.44)	\$ (7.90)	\$ 32.44	\$ 176.16

Dollars in Millions Date 8-9-19

\$3.92 Billion Transportation program - \$176M increase over current TYP

- FHWA - \$95M increase – utilizing discretionary funding
- Betterment - \$16M increase – new revenue estimates (gas tax)
- TIFIA Debt Service - \$43M increase – 2 additional years of principal payments
- Turnpike Capital - \$31M increase – I-93 Bow-Concord project (add 2 years of CON)
- Airport - \$32M increase – additional funding

Other Modes

- Airport
 - Total of \$288M programmed in TYP (Average \$28M/yr)
 - 14 Project Locations in TYP – listed by town & airport name
- Transit
 - Total of \$312M programmed in TYP (average \$32M/yr.)
 - SB 241- adds the NH Capitol Corridor project development phase to the TYP
- Rail
 - Total of \$10.5M programmed in TYP (average \$1M/yr.)
 - \$600K/year maintenance & construction on state-owned rail lines
 - \$1.5M every 3 years capital work on Class III and Cog RR

Turnpike System

- 3 Turnpike Segments
 - 89 Miles Long
 - 172 Bridges
 - 9 Toll Facilities
 - Enterprise Fund – All Turnpike revenue must be used on the Turnpike System.
 - Turnpike Revenue pays for:
 - Operation, Maint & Enforcement - \$50M
 - Debt Service - \$44M
 - R&R Work - \$14M
 - Capital Improvements - approx. \$30M
 - *FY19: 124 M transactions
- \$132 M toll revenue

*estimated



Turnpike Programs

1. Turnpike Renewal & Replacement (TRR) - (approx. \$14M/year)

- Preserve, maintain, and upgrade existing Turnpike Infrastructure
- Bond Resolution Renewal & Replacement Requirement
 - Annual Resurfacing Program (\$7.5M ±)
 - Annual Bridge Painting & Bridge Rehabilitation Work
 - Drainage, Guardrail, Signage, Striping & Building/Toll Plaza Maintenance

2. Turnpike Capital Program

- General Sullivan Bridge Rehabilitation (\$30M) 2022-2024
- F.E. Everett Widening, Nashua-Bedford (\$156M) 2021-2025
- Manchester Exit 7 Reconstruction (\$50M) 2024-2026
- Manchester Exit 6 Reconstruction & FEET Widening (\$98M) 2025-2028
- Bow-Concord I-93 Widening (I-89 to I-393) (\$152M)* 2026-2030

* Only includes Tpk. portion (south of Exit 14), Does not include Federal portion (Est. cost \$223M, completion 2034)

3. All Electronic Tolling (AET)

- Dover & Rochester (\$20M) 2021-2022
- Bedford (\$16M) 2022-2023

State Highway Funded Programs

- SB367 TIFIA Pledged Paving & Bridge Work (\$23 M/year)
 - Program targeted to resurface poor & very poor Tier 3 & 4 roads, as well as address state owned red-list bridges
 - Funded with SB367 revenue totaling \$121M over TYP period (2021-2030)
 - 1160 miles of paving on poor & very poor state roads to be completed
 - 23 red list bridges to be reconstructed or rehabilitated
 - Pledged paving (\$14M/yr) and bridge (\$9M/yr) work through FY25
- Betterment Program (\$24 M/year)
 - Program created by the Legislature to provide state funding for highway construction, reconstruction & resurfacing and bridge construction, reconstruction, and maintenance for portions of the state's highway system **not supported with federal aid**
 - Includes District Resurfacing, Pavement Leveling/Shim Program, Bridge Repairs, Drainage, Traffic Signal Equipment & Discretionary Projects

State Highway Funded Programs

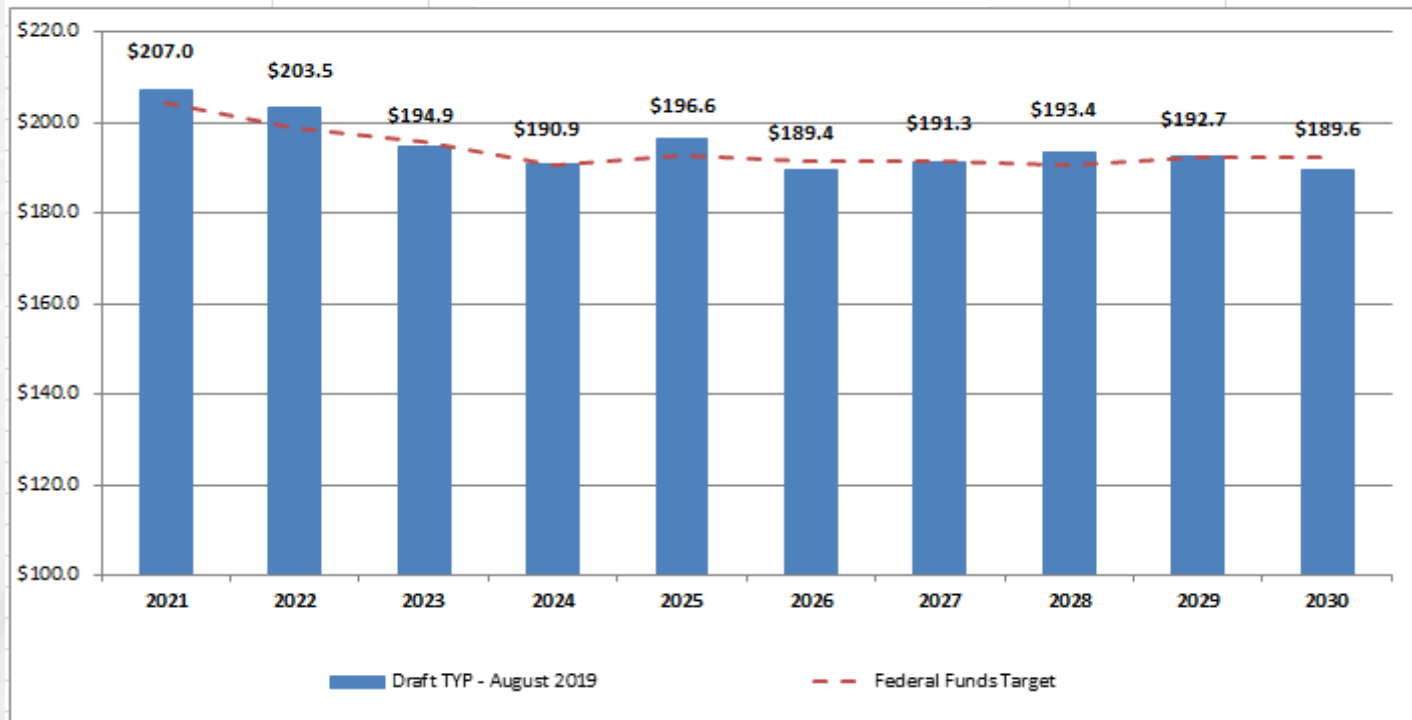
- State Aid Bridge Program (\$6.8M/year)
 - Program created by the Legislature to provide state funding for construction or rehabilitation of municipal bridges
 - Funded with \$6.8M/year of SB367 Revenue
 - Requires 20% local match (\$8.5M total w/ match)
 - 120 bridges enrolled currently through 2029 (64 Red Listed)
 - 84 bridges on the waiting list (53 Red Listed)
 - 20 years of projects at current funding level (2049)
 - Average municipal bridge project cost \$1.5M (w/ inflation)
- State Aid Highway Program
 - Legislature discontinued funding under FY18/FY19 Budget
 - Tilton Calef Hill Road project (#29753) remains unfunded

Federal Funding & Expenditures

DRAFT 2021-2030 Ten Year Plan

Federal Aid Program

CMAQ at 75% 2021-2030



4-Aug-19

Draft TYP August Total = \$ 1,949.21 (in millions)

FAST ACT Estimated Revenue = 1892.93 (in millions)

Non-Federal Formula Revenue = \$ 47.61 (in millions)

Total Federal Revenue = \$ 1,940.54

, HSIP, RecTrails, TAP Programs at FAST ACT funded levels (with exception of CMAQ at 75%)

2021-2030 TYP – RPC Priorities

Region	# Projects	Total Fed \$
Central NH RPC	1	\$ 4,419,996
Lakes Region PC	3	\$ 5,109,680
NorthCountry Council	2	\$ 6,106,086
Nashua RPC	5	\$ 6,175,897
Rockingham PC	6	\$ 6,673,836
Southern NH PC	2	\$ 8,553,635
Strafford RPC	4	\$ 4,901,449
Southwest RPC	2	\$ 4,289,235
Upper Valley RPC	1	\$ 3,770,186
	26	\$ 50,000,000

Ten Year Plan Process Pursuant to RSA 228:99 and RSA 240

- June 19th & July 31st - Initial GACIT meetings
- August 8, 2019 – Meetings with RPC Executive Directors
- **August 14, 2019 – GACIT Meeting #3 - NHDOT Draft TYP (2021-2030) Release**
- September - October 2019 - Public Hearings
- November 2019 - GACIT meetings and revisions
- December 2019 - Governor's review and revisions
- January 2020 - Governor's Draft TYP transmittal to Legislature
- January - May 2020 - Legislative review & revisions
- June 2020 - Final TYP (2021-2030) Adopted into Law

TYP Hearing Schedule

Executive Councilor	Day	Date	Town/City	Time	Location	Executive Councilor	Day	Date	Town/City	Time	Location
District 2 Councilor Andru Volinsky	Tuesday	9/10/2019	Dover	6:00 PM	McConnell Center 1st Floor Cafeteria 61 Locust Street	District 5 Councilor Debora Pignatelli	Wednesday	9/25/2019	Nashua	6:00 PM	City Auditorium – 3rd Floor (use Elm Street Entrance) 229 Main Street
District 1 Councilor Michael Cryans	Wednesday	9/11/2019	Claremont	1:00 PM	City Council Chambers 58 Opera House Square	District 5 Councilor Debora Pignatelli	Thursday	9/26/2019	Milford	6:00 PM	Town Hall – Banquet Room 1 Union Square
District 1 Councilor Michael Cryans	Wednesday	9/11/2019	Lebanon	6:00 PM	City Council Chambers 51 North Park Street 5th Floor	District 3 Councilor Russell Prescott	Tuesday	10/1/2019	Salem	6:00 PM	Salem High School 44 Geremonty Drive TV Studio
District 4 Councilor Theodore Gatsas	Thursday	9/12/2019	Londonderry	7:00 PM	Town Office Council Chambers Moosehill Room 268B Mammoth Road	District 2 Councilor Andru Volinsky	Wednesday	10/2/2019	Rochester	6:00 PM	Frisbie Memorial Hospital Community Education & Conference Center
District 2 Councilor Andru Volinsky	Monday	9/16/2019	Concord	6:00 PM	NH Department of Transportation – Room 114	District 3 Councilor Russell Prescott	Tuesday	10/8/2019	Portsmouth	6:00 PM	Portsmouth Public Library Levenson Room 175 Parrott Avenue
District 1 Councilor Michael Cryans	Tuesday	9/17/2019	Conway	1:00 PM	Town Hall, Upstairs 1634 East Main Street	District 2 Councilor Andru Volinsky	Tuesday	10/15/2019	Keene	6:00 PM	Keene Parks and Recreation 312 Washington Street Room 14
District 5 Councilor Debora Pignatelli	Wednesday	9/18/2019	Peterborough	6:00 PM	Town Hall 1 Grove Street	District 2 Councilor Andru Volinsky	Wednesday	10/16/2019	Franklin	6:00 PM	City Hall – Opera House 316 Central Street
District 1 Councilor Michael Cryans	Thursday	9/19/2019	Berlin	1:00 PM	City Hall Auditorium 168 Main Street	District 4 Councilor Theodore Gatsas	Thursday	10/17/2019	Bedford	7:00 PM	Bedford Cable TV Meeting Room 10 Meetinghouse Road
District 1 Councilor Michael Cryans	Thursday	9/19/2019	Laconia	6:00 PM	Armand A. Bolduc City Council Chamber 45 Beacon Street East	District 4 Councilor Theodore Gatsas	Wednesday	10/23/2019	Manchester	7:00 PM	Manchester Community College Auditorium
District 3 Councilor Russell Prescott	Monday	9/23/2019	Hampton	6:00 PM	Hampton Seashell Complex Ocean Front Pavillion Room 170 Ocean Boulevard	District 3 Councilor Russell Prescott	Monday	10/28/2019	Kingston	6:00 PM	Kingston Community Library 56 Church Street by GPS Actual address: 2 Library Lane

Hearing not confirmed as of 8/9/19

Public Involvement

Hearing Agenda

- Executive Councilor opens hearing
 - Welcome statement
 - Introduce presenters
 - GACIT process review
- Department of Transportation
 - Statewide philosophy
 - Statewide strategies and outcomes
- Regional Planning Commission
 - Regional philosophy
 - Regional prioritization process
 - Regionally significant project highlights
- Public comments
- Closing comments

Public Involvement

- Virtual public involvement efforts under development
 - Transportation Survey – 12 questions +/-
 - What's important to you
 - High level prioritization
 - Trade-off questions ...do you prefer option 1 or 2 w/ weighting
 - Mobile device capable
 - Complete survey any time during September & October
 - Results in November
 - Brief video introduction to the survey
 - Post the GACIT Hearing Presentation with voiceover

Survey Questions - Draft

PANEL 1

Introduction

The purpose of this survey is to provide information about what is important to you regarding the transportation system in NH. The survey information will be collected by the Department of Transportation (DOT) and shared with the Executive Councilors and other elected officials during the development of the Department's 10-Year Transportation Plan.

Thank you for taking the time to complete this survey.

Estimated time to complete survey is less than 10 minutes. This survey is anonymous and your answers will be used for no other purpose.

Additional information about the 10-Year Plan is available [here](#)



Survey Questions - Draft

PANEL 2

High-Level Prioritization Question

Our transportation system includes many components and includes roads, bridges, paths, buses/transit, rail, bikes/pedestrians, signals, signs and many other components. While we strive to make investments through a balanced approach there are never enough resources to meet all the needs. With the idea of limited resources in mind, please order the five (5) objectives below from your highest priority to your lowest priority.

- **Improving Safety:** Make the transportation system safer through improved designs, new technologies, and other safety-focused enhancements.
- **Maintaining the System:** Maintain the condition of the transportation system through activities like paving roads, repairing or replacing bridges, and other regular maintenance activities.
- **Reducing Congestion:** Improve the movement of goods and people through activities like widening roads, intersection improvements, and increasing transit service frequency.
- **Expanding Travel Options:** Provide more options when using the transportation system such as new or expanded: park-n-ride lots, rail service, transit service, and bicycling and pedestrian accommodations.
- **Enhancing System Resiliency:** Promote transportation investments that help protect the transportation system from damage and delays caused by sea level rise and storms through activities like replacing culverts, raising roadways, and stabilizing river banks.

The screenshot shows a survey interface with a green header and a blue sidebar. The main content area is titled "What is Important to You?" and contains a list of five objectives: Safety and Security, Travel Time Reliability, Quality of Service, Trans. System Expansion, Trans. System Maintenance, Transportation Choices, and Quality of Life. A horizontal line is drawn across the list, and a mouse cursor is shown dragging the "Quality of Life" item above the line. The sidebar on the left has a "WELCOME" button and a "2" indicating the current step. The sidebar on the right has buttons for "TRADEOFFS", "BUDGET ALLOCATION", and "FINAL QUESTIONS", with "3", "4", and "5" respectively. The interface also includes "What to do" and "Next Task" buttons at the top right.

Survey Questions - Draft

PANEL 3

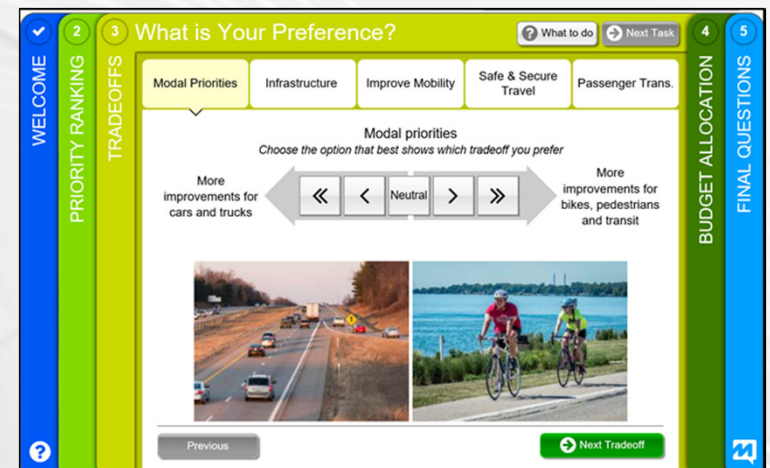
Tradeoffs

All questions as do you prefer Option 1 or Option 2 with degree of preference.

Each one should say "Assume the same amount of funding is used to pay for either option"

(<< < Neutral > >>)

Objective	Option 1	Option 2
#1 Safety	Invest in more visible lane striping and signage statewide	Invest in improving intersections and other focused safety improvements
#2 Maintain	Pave 50 miles of road and maintain it in a fair condition	Reconstruct 1 mile of road and maintain it in a good condition
#2 Maintain	Repair and replace bridges in poor condition	Maintain guardrail, retaining walls, and other infrastructure
#3 Mobility	Reduce congestion less, but in several places through intersection improvements and technology	Reduce congestion significantly by adding lanes to a limited number of busy roads
#4 Options	Improve transit service on existing routes	Expand transit service to new areas.
#4 Options	Enhance accommodations for bicycles and pedestrians on roads (shoulders, signage, striping)	Build facilities for bicycles and pedestrians off roads (multi-use trails, paths, sidewalks)
#5 Resiliency	Make the overall system more resistant to storm damage through many small-scale improvements	Make substantial improvements to a limited number of roads in damage prone areas
#5 Resiliency	Maintain/Improve roads that can withstand periodic flooding and live with occasional road closures	Invest significant funds to prevent roads from being flooded



Survey Questions - Draft

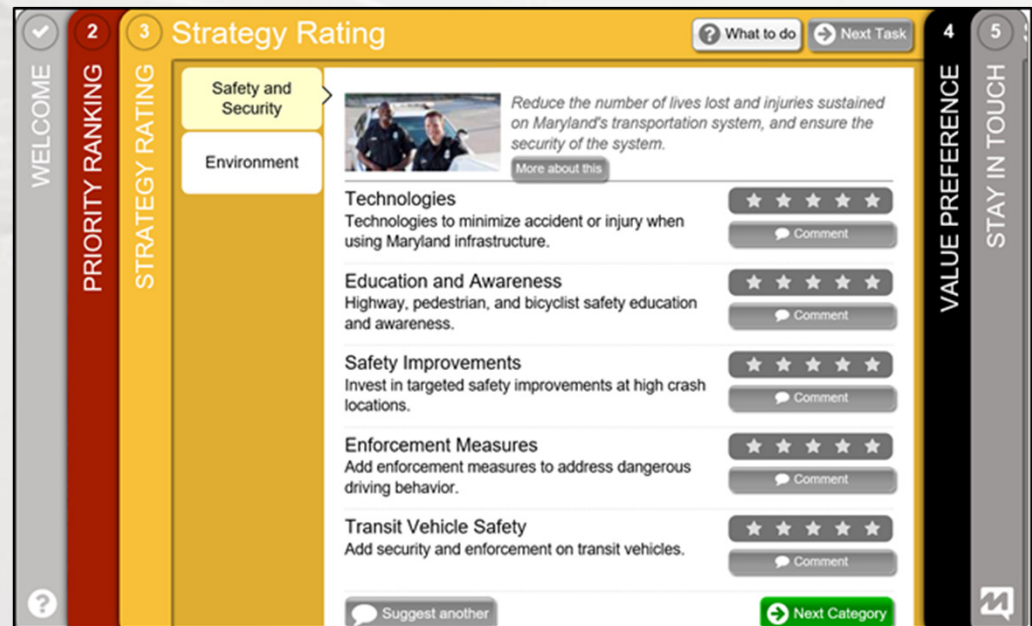
PANEL 4:

How would you rate the overall condition of the following:

- Interstates
- Major Highway Corridors
- Local Roads
- Roadway Congestion
- Roadway Safety
- Traffic Signs
- Roadway Striping
- Guardrail
- Roadway Aesthetics – Mowing, graffiti removal, wildflowers, trash pickup

Would you like more or less of the following:

- Bus routes
- Passenger Rail
- Bike routes
- Pedestrian facilities
- Roundabouts
- Rumble Strips
- Travel Time Information/Message Boards
- Other – Allow comments with limited characters (25 spaces only)



Survey Questions - Draft

PANEL 5

Demographic questions

- What is your zip code?
- What is your age group?
- Household income (<\$25,000, 25,001 - \$50,000, \$50,001 – 100,000, >\$100,000)
- Responder affiliation - pick one (legislator, municipal official, transportation system user)
- For Commuting trips, how do you get from place to place?
 - Car or truck
 - Bicycling
 - Walking
 - Bus
 - Rail
 - Uber/Lyft/Taxi
 - Other
- For recreational/leisure/non-commuting travel, how do you get from place to place:
 - Car or truck
 - Bicycling
 - Walking
 - Bus
 - Rail
 - Uber/Lyft/Taxi
 - Other

The screenshot shows a survey interface with a blue header and a vertical navigation bar on the left. The navigation bar has five steps: 1. WELCOME, 2. PRIORITY RANKING, 3. TRADEOFFS, 4. BUDGET ALLOCATION, and 5. FINAL QUESTIONS. The current step is '5 Additional Input'. The main content area contains a 'Final Questions' section with the following questions and input fields:

- What is your zip code? (Type...)
- What is your age group? (Select...)
- What is your yearly household income? (Select...)
- How many people live in your household? (Select...)
- How would you describe your race? (Select...)
- What other comments do you have? (Type...)

At the bottom of the 'Final Questions' section are two buttons: 'Submit Final Questions' and 'Skip'. To the right of the 'Final Questions' section is a 'Thank You' message: 'Thank you for your input! For more information or to provide additional input, please visit www.michiganmobility.org.' Below the 'Thank You' message is the text 'NHDOT Ten Year Plan Survey'.

- Do you feel the transportation system is adequate for your needs of getting from place to place? (drop down list, suggest a 5 point scale).

THANK YOU

QUESTIONS & COMMENTS

SB367 Projects- Resurfacing

