FINAL DRAFT

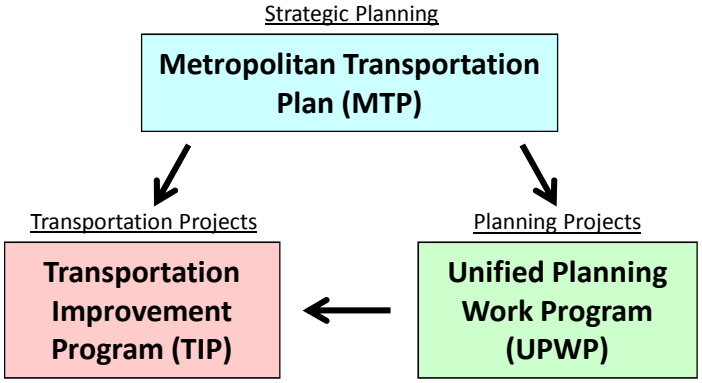
FFY 2017-2021
Transportation Improvement Program (TIP)

The Five-year Program of Federally-funded
Transportation Projects in Dutchess County

Poughkeepsie-Dutchess County Transportation Council 2016

Poughkeepsie-Dutchess County Transportation Council

Required Products



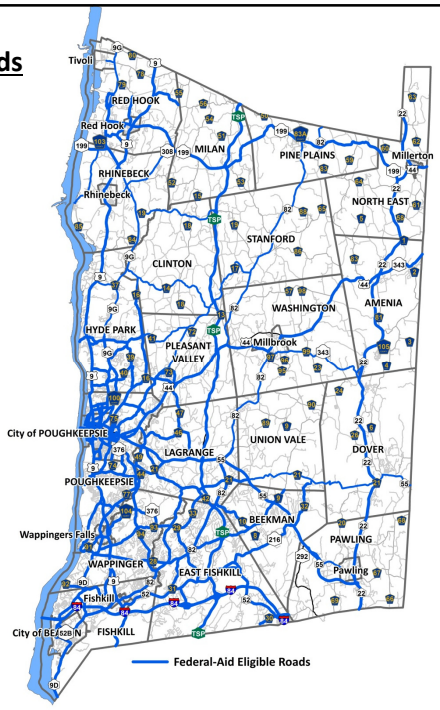
Transportation Improvement Program (TIP)

- **Multi-modal capital program of federally-funded transportation projects in Dutchess County**
- **Covers a five-year period (e.g. FFY 2017-2021 TIP)**
- **Updated every two-three years**
- **Developed by the PDCTC in cooperation with:**
  - NYS Department of Transportation (NYSDOT)
  - Local Officials
  - Transit Operators (including DCPT and Metro-North Railroad)
- **Schedules, funding sources, & sponsors**
- **Statewide Transportation Improvement Program (STIP)**

Federal-Aid Eligible Roads

Total FA roads = 634 miles

Percent FA = 25%

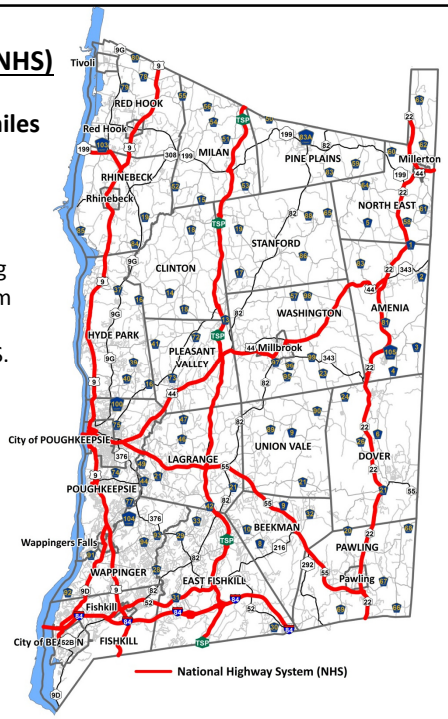


National Highway System (NHS)

Total NHS in Dutchess = 309 miles

Percent of Total Miles = 12%

- 62% of Federal Highway Administration (FHWA) funding in Dutchess County comes from the NHPP program, which is primarily dedicated to the NHS.
- 12% of centerline mileage in Dutchess County is on the NHS.



PDCTC

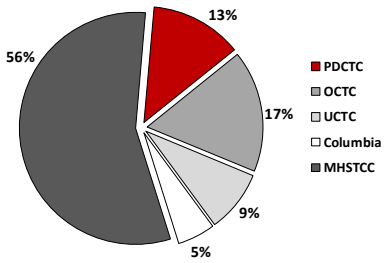
Poughkeepsie-Dutchess County Transportation Council

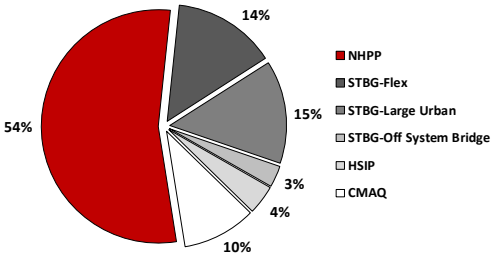
FFY 2017-2021 TIP Funding Targets

NYSDOT-Region 8 Highway Funding Targets by MPO/County (FFY 2017-2021) ($-millions)

	PDCTC	OCTC	UCTC	Columbia	MHSTCC[1]	Total
Federal Funding Source						
FHWA National Highway Performance Program (NHPP)	$54.6	$66.0	$39.0	$24.5	$189.3	**$373.4**
FHWA STBG Program-FLEX	$14.4	$17.4	$10.3	$6.5	$49.8	**$98.4**
FHWA STBG Program-Large Urban	$11.7	$9.9	$1.5	$0.0	$75.4	**$98.5**
FHWA STBG Program-Off System Bridges	$3.6	$3.9	$5.9	$3.5	$3.7	**$20.6**
FHWA Highway Safety Improvement Program	$4.1	$4.9	$2.9	$1.8	$14.1	**$27.8**
FHWA Congestion Mitigation & Air Quality (CMAQ)	$0.0	$15.1	$0.0	$0.0	$55.3	**$70.4**
Total Federal Funds	**$88.4**	**$117.2**	**$59.6**	**$36.3**	**$387.6**	**$689.1**
State Dedicated Funds	**$32.7**	**$40.8**	**$21.6**	**$13.9**	**$122.3**	**$231.3**
Total Federal & State Funding	**$121.1**	**$158.0**	**$81.2**	**$50.2**	**$509.9**	**$920.4**

[1] Mid-Hudson South Transportation Coordination Committee includes Putnam, Rockland, and Westchester counties.





Poughkeepsie-Newburgh Urbanized Area Transit Funding Targets by Federal Fiscal Year ($-millions)

	2017	2018	2019	2020	2021	Total
Poughkeepsie-Newburgh Urbanized Area						
FTA Section 5307/5340 (Urbanized Area) Program	$21.2	$21.2	$21.2	$21.2	$21.2	**$106.2**
FTA Section 5310 (Elderly & Disabled) Program	$1.4	$1.4	$1.4	$1.4	$1.4	**$7.2**
FTA Section 5337 (State of Good Repair) Program	$5.1	$5.1	$5.1	$5.1	$5.1	**$25.3**
FTA Section 5339 (Bus & Bus Facilities) Program	$2.1	$2.1	$2.1	$2.1	$2.1	**$10.3**
Total Estimated Allocation	**$29.8**	**$29.8**	**$29.8**	**$29.8**	**$29.8**	**$149.0**

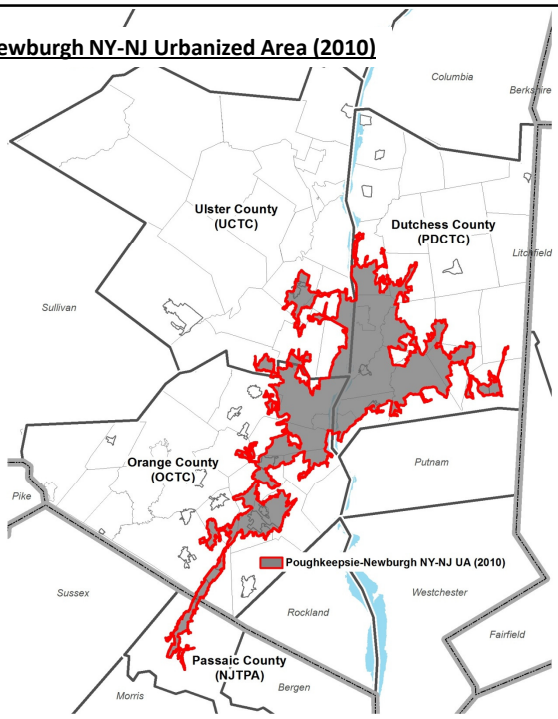
FTA Section 5307/5340 Funding Estimates for Local Designated Recipients ($-millions) (FFY 2017-2021)

	2017	2018	2019	2020	2021	Total
Designated Recipient Suballocation						
Dutchess County[1]	$1.4	$1.4	$1.4	$1.4	$1.4	**$6.8**
City of Poughkeepsie[1]	$0.6	$0.6	$0.6	$0.6	$0.6	**$2.9**
Metropolitan Transportation Authority (MTA)[2]	$2.9	$2.9	$2.9	$2.9	$2.9	**$14.5**
Total Estimated Allocation	**$4.8**	**$4.8**	**$4.8**	**$4.8**	**$4.8**	**$24.2**

[1] Dutchess County and City of Poughkeepsie suballocations subject to change based on ridership.

[2] MTA suballocation programmed for projects in TMA.

Poughkeepsie-Newburgh NY-NJ Urbanized Area (2010)



PDCTC

Poughkeepsie-Dutchess County Transportation Council

FFY 2017-2021 TIP
Project Highlights

Wednesday, June 1, 2016

**** Poughkeepsie-Dutchess County Transportation Council ****

TRANSPORTATION IMPROVEMENT PROGRAM (TIP) on Draft Program

PDCTC FFY 2017-2021 TIP

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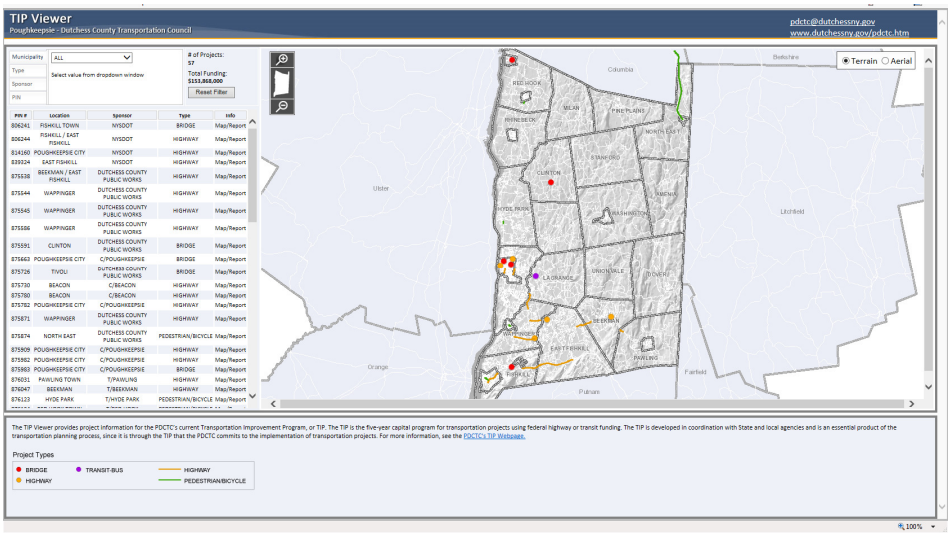
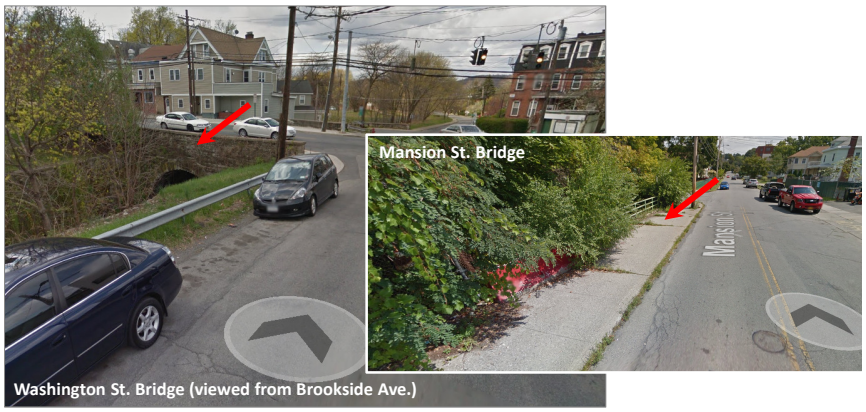
AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **806241** BRIDGE <Exempt>	I84 BRIDGES DUTCHESS COUNTY: THIS PROJECT WILL REPLACE THE WESTBOUND AND EASTBOUND INTERSTATE 84 BRIDGES OVER THE BEACON LINE OF THE METRO-NORTH RAILROAD IN THE TOWN OF FISHKILL, DUTCHESS COUNTY,BINS 1032481 & 1032482		PIT BOND 01/2017 PIT BOND 01/2017 PIT BOND 10/2017 PIT BOND 10/2017	0.600 0.400 1.730 15.150	DETLDES ROWACQU CONINSP CONST		0.600 0.400	1.730 15.150				
AQC:A19P	DUTCHESS	**TPC: $15-$25 M**	**TOTAL 5YR COST :**	17.880		0.000	1.000	16.880	0.000	0.000	0.000	0.000
NYSDOT **806244** R&P <Exempt>	I-84 ITS: RT 9 - TSP: THIS PROJECT WILL INSTALL INTELLIGENT TRANSPORTATION SYSTEM (ITS) EQUIPMENT ON INTERSTATE 84: RTE 9 - TSP. DUTCHESS COUNTY COMBINE PINS 806242, 806243, & 806245		NHPP 12/2016 SDF 12/2016 NHPP 12/2016 SDF 12/2016	0.115 0.014 1.148 0.130	CONINSP CONINSP CONST CONST		0.115 0.014 1.148 0.130					
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.407		0.000	1.407	0.000	0.000	0.000	0.000	0.000
NYSDOT **814160** STUDY <Exempt>	ROUTE 44/55 @ROUTE 9 (MID-HUDSON BRIDGE) INTERCHANGE: STUDY WILL INVESTIGATE THE SAFETY, OPERATIONAL, & CAPACITY ISSUES THAT EXIST AT THE INTERCHANGE OF ROUTE 9 WITH ROUTES 44/55 (MID HUDSON BRIDGE). VARIOUS IMPROVEMENTS ALTERNATIVES WILL BE INDENTIFIED		SDF 04/2021	0.012	SCOPING						0.012	
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.012		0.000	0.000	0.000	0.000	0.000	0.012	0.000
NYSDOT **839324** INTER <Exempt>	ROUTE 376 AT ROBINSON LANE/LAKE WALTON ROAD INTERSECTION: RECONSTRUCTION TO ADD LEFT TURNING LANES ON ALL FOUR (4) APPROACHES. TOWN OF EAST FISHKILL. S-LU SECTION 1702 <3676 #1592		SDF 03/2016 SDF 03/2016 STP FLEX 12/2015 SDF 12/2015 HSIP 04/2017 SDF 04/2017 HPP 04/2017 SDF 04/2017 HSIP 04/2017 SDF 04/2017	0.000 0.000 0.000 0.000 0.324 0.036 0.360 0.090 3.195 0.355	DETLDES ROWACQU ROWINCD ROWINCD CONINSP CONINSP CONST CONST CONST CONST	0.200 0.350 0.008 0.002	0.324 0.036 0.360 0.090 3.195 0.355					
AQC:N/A	DUTCHESS	**TPC: $4.6-$7.5 M**	**TOTAL 5YR COST :**	4.360		0.560	4.360	0.000	0.000	0.000	0.000	0.000
DUTCHESS **875538** SAFETY <Exempt>	CR 9 (BEEKMAN ROAD) FROM CR 10 (SYLVAN LAKE ROAD) TO TSP. IMPROVE HORIZONTAL ALIGNMENT, SIGHT DISTANCE, AND CORRECT OTHER SAFETY DEFICIENCIES AS NEEDED. TOWN OF EAST FISHKILL AND TOWN OF BEEKMAN.		STP FLEX 04/2016 LOCAL 04/2016 STP LG URBAN 04/2016 LOCAL 04/2016 STP FLEX 07/2017 LOCAL 07/2017 STP FLEX 07/2017 LOCAL 07/2017	0.000 0.000 0.000 0.000 0.800 0.200 3.600 0.900	PRELDES PRELDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.093 0.023 0.592 0.148	0.800 0.200 3.600 0.900					
AQC:N/A	DUTCHESS	**TPC: $6-$9.4 M**	**TOTAL 5YR COST :**	5.500		0.856	5.500	0.000	0.000	0.000	0.000	0.000

TIP Viewer: http://geoaccess.co.dutchess.ny.us/tip/



Bridge Projects

- PIN 875663: Mansion St. over the Fallkill Creek (BIN 2262750) in the City of Poughkeepsie ($2.6 million; FFY 2022 construction).
- PIN 875983: Washington St. over the Fallkill Creek (BIN 2262670) in the City of Poughkeepsie. Reconstruct historic stone arch bridge to maintain serviceability and address yellow flag conditions ($2.8 million; FFY 2022 construction).



Reconstruction Projects

- PIN 875730: Reconstruct Fishkill Ave. from Beacon City Line to Main St. to include new traffic signals, drainage, curbs, and sidewalks ($1.1 million; FFY 2020 construction).
- PIN 875780: Reconstruct Teller Ave. from Main St. to Wolcott Ave. to include new traffic signals, drainage, curbs, and sidewalks ($1.2 million; FFY 2020 construction).

Reconditioning & Preservation Projects

- PIN 806244: I-84 Intelligent Transportation System (ITS) improvements from Route 9 to Taconic State Parkway (TSP) ($1.4 million; FFY 2017 construction).
- PIN 876031: Resurfacing Old Route 55 from Route 55 to the Pawling Town Line ($450,000; FFY 2019 construction).

I-84 Eastbound from Route 9
Old Route 55 Eastbound

Safety Projects

- PIN 875538: Safety improvements on CR 9 (Beekman Rd.) from CR 10 (Sylvan Lake Rd.) to Taconic State Parkway ($6.4 million; FFY 2017 construction).
- PIN 875544: Safety improvements on CR 28 (Old Hopewell Rd.) from Route 9 to CR 94 (All Angels Hill Rd.) ($6.6 million; FFY 2019 construction).

CR 9 (Beekman Rd.)
CR 28 (Old Hopewell Rd.)

Intersection Project

- PIN 839324: Route 376 at Robinson Ln./Lake Walton Rd. in East Fishkill. Intersection reconstruction to add left turn lanes on all four approaches ($4.4 million; FFY 2017 construction).

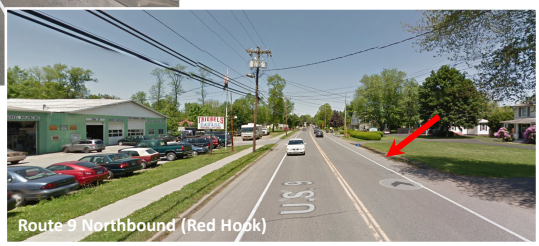
Traffic Projects

- PIN 875871: Intersection improvements at CR 28 (Old Hopewell Rd.) and CR 94 (All Angels Hill Rd.) ($1.7 million; FFY 2019 construction).

Mobility Projects

- PIN 875874: Construct Phase IV of the Harlem Valley Rail Trail (Phase IV) from Millerton to the Columbia County line (7 miles) ($6.7 million; FFY 2018 construction).
- PIN 876123: Install new sidewalks, crosswalks, and curbing on Route 9 in Hyde Park from Water Tower Rd. to Hyde Park Plaza ($750,000; FFY 2017 construction).
- PIN 876124: Install new sidewalks, crosswalks, and curbing on Route 9 in Red Hook from Town Hall to Hardscrabble Plaza ($700,000; FFY 2017 construction).

Route 9 Northbound (Hyde Park)



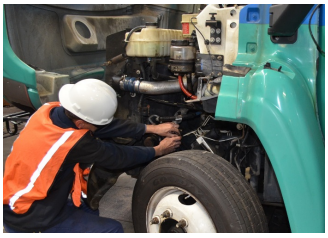
Route 9 Northbound (Red Hook)

Transit (Bus)

- **Bus replacements** for the Dutchess County Public Transit (DCPT) and City of Poughkeepsie bus systems.
  - PIN 8TD007: 4 Buses for City of Poughkeepsie bus system ($2.56 million; 2020)
  - PIN 8TD009: 13 Buses for DCPT ($5.3 million; 2021)

- **Operating assistance** for the DCPT and City of Poughkeepsie bus systems.
  - PIN 8TRD50: Poughkeepsie ($2 million; 5 years)
  - PIN 8TRD91: DCPT ($6.5 million; 5 years)

- **Preventive maintenance** activities for the DCPT and City of Poughkeepsie bus systems.
  - PIN 8TRD31: Poughkeepsie ($1.4 million; 5 years)
  - PIN 8TRD32: DCPT ($8.5 million; 5 years)



Transit (Rail)

- PIN 882315: Operating assistance for the **Newburgh-Beacon ferry** between the City of Newburgh and Beacon Train Station ($4.7 million total; $938,000 annually).
- PIN M702-02-03: Upper Hudson Station improvements and repairs at priority stations, including Poughkeepsie, New Hamburg, and Beacon ($15 million total).

Region-wide, Multi-county Highway Projects (Examples)

- PIN 8T0611: Preventive Maintenance Initiative (PMI) paving to re-surface State highways in NYSDOT-Region 8 ($21 million; FFY 2019).
- PIN 8T0702: Bridge rehabilitation activities to extend the life of bridges on State highways ($11 million; FFY 2019).
- PIN 880914: Biennial sign contract to replace deficient signs on State highways ($2.8 million; FFY 2018).
- PIN 881204: Install traffic signals and/or upgrade existing signals in NYSDOT-Region 8 ($2.2 million; FFY 2018).
- PIN 881283: Biennial long line pavement markings ($6 million; 2018).

PDCTC

Poughkeepsie-Dutchess County Transportation Council

FFY 2017-2021 TIP Funding Summary

Programmed Federal Transportation Funding in Dutchess County ($-millions) (FFY 2017-2021)

Federal Highway Administration (FHWA)	2017	2018	2019	2020	2021	Total
FHWA National Highway Performance Program	$1.3	$0.0	$0.0	$0.0	$0.0	**$1.3**
FHWA STBG Program-FLEX	$5.0	$8.9	$0.2	$0.3	$0.0	**$14.4**
FHWA STBG Program-Large Urban	$0.1	$0.0	$6.3	$2.3	$0.0	**$8.7**
FHWA STBG Program-Off System Bridges	$0.0	$1.8	$1.8	$0.0	$0.0	**$3.6** *
FHWA Highway Safety Improvement Program	$3.5	$1.7	$0.0	$0.0	$0.0	**$5.2**
Discretionary Federal-aid[1]	$2.6	$0.8	$0.4	$0.0	$0.0	**$3.7**
Total FHWA Funding	$12.5	$13.2	$8.6	$2.6	$0.0	**$36.9**
Federal Transit Administration (FTA)	**2017**	**2018**	**2019**	**2020**	**2021**	**Total**
FTA Section 5307/5340 (Urbanized Area) Program	$6.6	$3.6	$2.8	$4.1	$4.9	**$22.1**
FTA Section 5310 (Elderly & Disabled) Program	$0.3	$0.3	$0.3	$0.3	$0.3	**$1.6**
FTA Section 5337 (State of Good Repair) Program	$5.1	$5.1	$5.1	$5.1	$5.1	**$25.3**
FTA Section 5339 (Bus & Bus Facilities) Program	$2.1	$0.0	$0.0	$0.6	$2.1	**$4.9**
Total FTA Funding	$14.1	$9.0	$8.2	$10.1	$12.4	**$53.8**
Total Federal Funding	**$26.5**	**$22.2**	**$16.8**	**$12.8**	**$12.5**	**$90.8**

[1] Discretionary Federal-aid includes High Priority Projects and former Transportation Alternatives Progam (TAP).

***Off System Bridge Call for Projects**

Total Federal Funding = $90.8 million

Dutchess County Portion of the Poughkeepsie-Newburgh NY-NJ Urbanized Area (2010)

Dutchess County Population (2010)

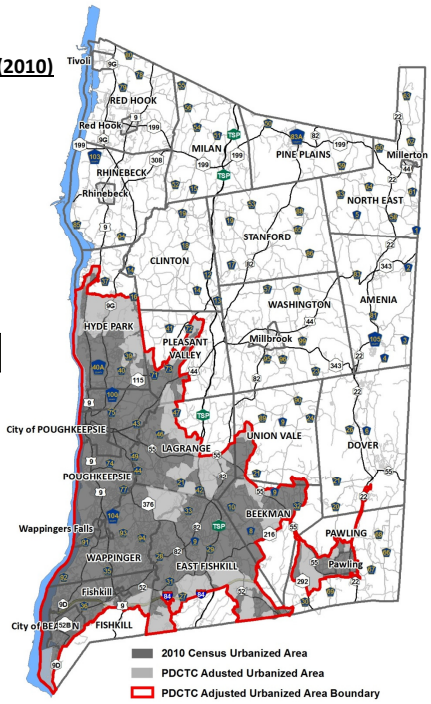
Total Population = 297,488

Total Urbanized Area Population = 212,235

Percent in Urbanized Area = 71%

Percent in Adjusted Urbanized Area = **76%**

FFY 2017-2021 TIP Funding in UZA = 87%



DRAFT Overall Fiscal Constraint ($-millions) (FFY 2017-2021)

	Funding Targets (FFY 2017-2021)			Total Programmed (FFY 2017-2021)			Balance
Federal Highway Administration (FHWA)	**PDCTC**	**NYSDOT[2]**	**Total**	**PDCTC**	**NYSDOT[2]**	**Total**	
FHWA National Highway Performance Program	$54.6	$318.8	$373.4	$1.3	$411.6	$412.8	-$39.4
FHWA STBG Program-FLEX	$14.4	$84.0	$98.4	$14.4	$82.0	$96.4	$2.0
FHWA STBG Program-Large Urban	$11.7	$86.8	$98.5	$8.7	$93.7	$102.4	-$3.9
FHWA STBG Program-Off System Bridges	$3.6	$17.0	$20.6	$3.6	$9.7	$13.3	$7.3
FHWA Highway Safety Improvement Program	$4.1	$23.7	$27.8	$5.2	$26.5	$31.7	-$3.9
FHWA Congestion Mitigation & Air Quality (CMAQ)	$0.0	$70.4	$70.4	$0.0	$146.2	$146.2	-$75.8
Total	$88.4	$600.8	$689.2	$33.2	$769.7	$802.9	-$113.7
Federal Transit Administration (FTA)	**PDCTC**	**MHVTMA[3]**	**Total**	**PDCTC**	**MHVTMA[3]**	**Total**	**Balance**
FTA Section 5307/5340 (Urbanized Area) Program	$24.2	$82.0	$106.2	$22.1	$91.9	$114.0	-$7.9
FTA Section 5310 (Elderly & Disabled) Program	$1.6	$7.2	$8.8	$1.6	$0.6	$2.2	$6.6
FTA Section 5337 (State of Good Repair) Program	$25.3	$25.3	$50.6	$25.3	$0.0	$25.3	$25.3
FTA Section 5339 (Bus & Bus Facilities) Program	$4.4	$5.9	$10.3	$4.9	$5.6	$10.4	-$0.2
Total	$55.5	$120.4	$175.9	$53.8	$98.1	$152.0	$23.9
Total Federal Funding	**$143.9**	**$721.2**	**$865.1**	**$87.1**	**$867.9**	**$954.9**	**-$89.8**

Note: Fiscal constraint to be reconciled statewide in July.

Contact Information

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