



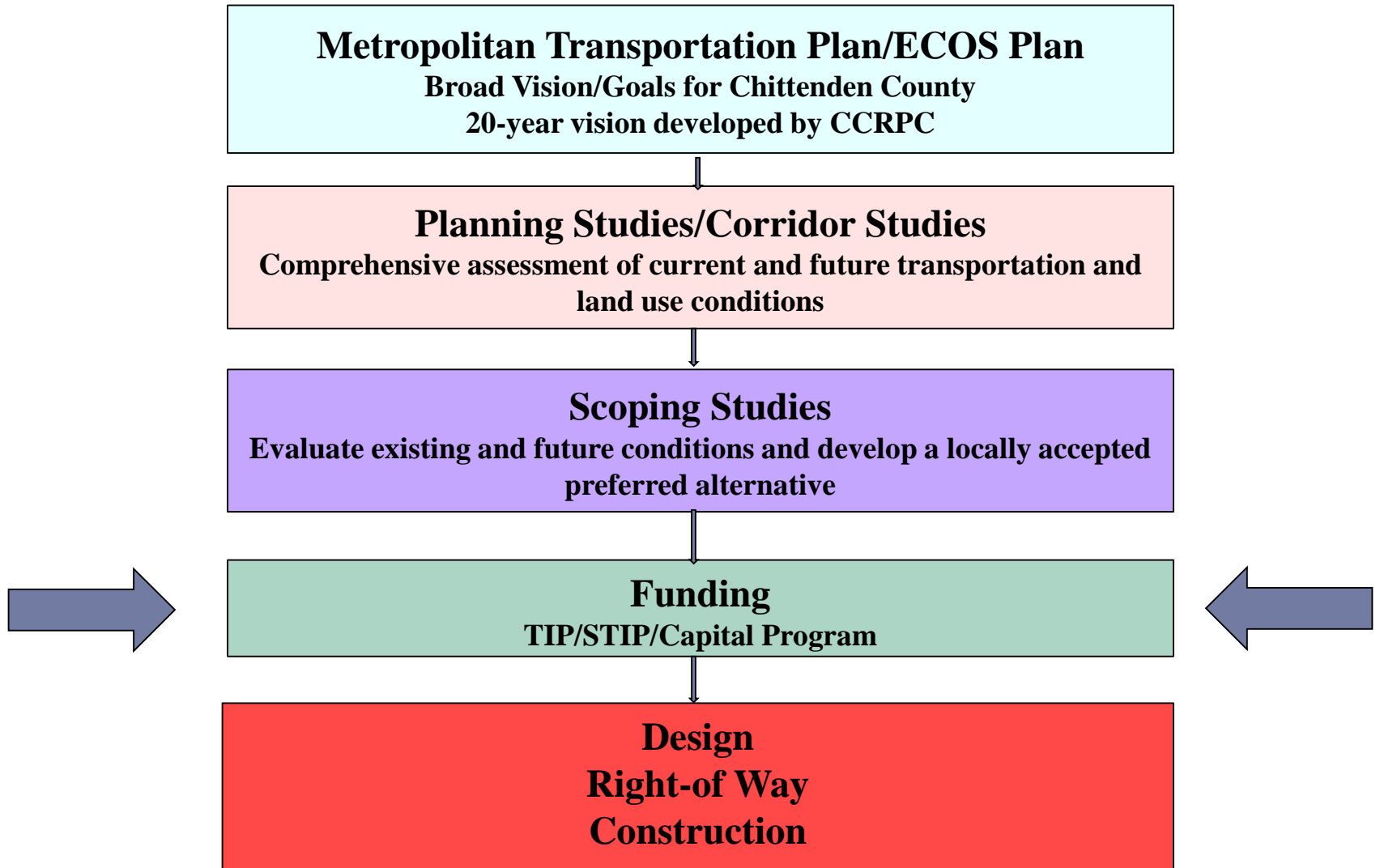
CHITTENDEN
COUNTY
RPC

Transportation Improvement Program (TIP) for Fiscal Years 2023-2026

*Presentation to the CCRPC
Transportation Advisory Committee*

June 7, 2022

Transportation Planning and Project Implementation





What is the Transportation Improvement Program (TIP)?

The TIP is a prioritized, fiscally-constrained, multi-year list of federally-funded transportation projects and operations in the MPO region

- Must be fiscally-constrained
- Must cover at least 4-years
- Must be updated at least every 4 years
- Authorizes obligation of federal funds



**Transportation Improvement Program
for Fiscal Years 2023-2026**
TAC Review Draft

June 7, 2022



How do Projects Get on the TIP?

The TIP is based on a *continuing, comprehensive transportation planning process carried out cooperatively by the State, the MPO, and transit operators*

- Projects must have completed, or nearly completed, the planning process and be ready for design
- Projects must have funding
- In order to spend funds, projects must be listed in VTrans Capital Program



How to Read the TIP

Section III: Summary of Funding Amounts

- Figures and tables showing federal funds by CCRPC Project Use Categories and federal funding sources

2023-2026 CCRPC Transportation Improvement Program

TAC Review Draft - June 7, 2022

CCRPC # Project Location	FY23-25 Federal Funds				Other Project Information					
	FY23 Phase	FY24* Phase	FY25* Phase	FY26* Phase	Total Cost fed+state+local in 2022 Dollars	Fed. Funds Obligated Thru FY21	FY22 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Bolton-Richmond										
BR064 Rehabilitate/ Replace Culverts on US2	\$29,210 CON				Total: \$421,031 PE: \$15,000 ROW: CON: \$406,031	\$10,000	\$329,209 CON	Bridge	COVID Relief Funds 100 % Federal 0 % State 0 % Local	
VTrans Number: STP CULV(86)										VTrans PM: Atkins, Ashley
HP148 US2 Paving	\$7,000,000 CON	\$7,657,201 CON			Total: \$18,847,828 PE: \$850,000 ROW: CON: \$17,997,828	\$324,320	\$962,838 CON	Paving	STP 80 % Federal 20 % State 0 % Local	
Williston Line east 8.2 miles VTrans Number: STP 2924(1)										VTrans PM: Bogaczyk, Matthew
Buels Gore										
BR068 BR29 on VT17 over Beaver Meadow Brook	\$104,000 PE/ROW			\$709,579 CON	Total: \$1,017,157 PE: \$208,600 ROW: \$10,000 CON: \$798,557			Bridge	STP 80 % Federal 20 % State 0 % Local	
VTrans Number: BF 0200(11)										VTrans PM:

* Future project costs escalated at a rate of 3.5% per year.



TIP Funding Levels*

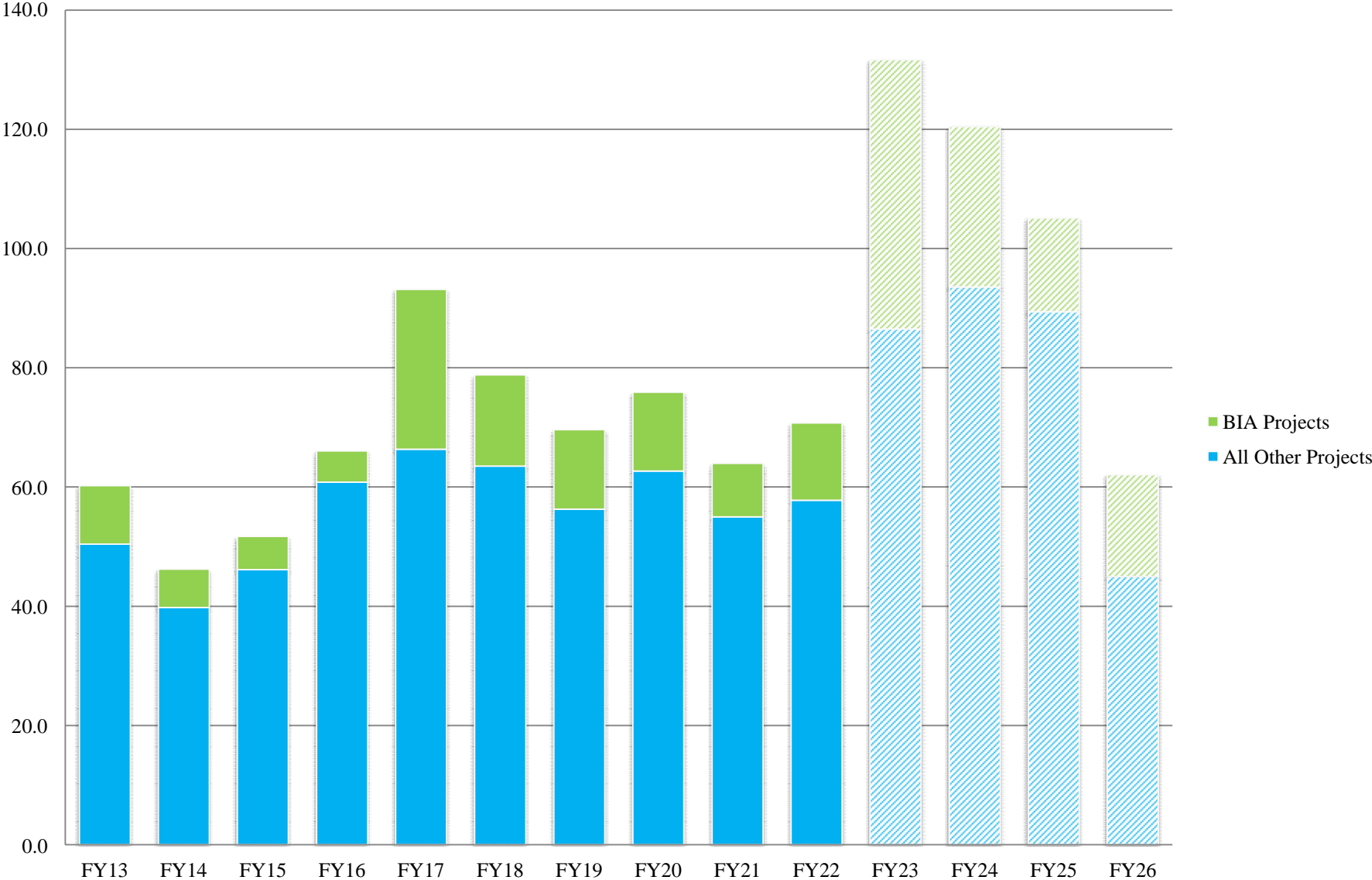
Amount of Federal Funds in each year:

- **FY2023 -- \$86.5 million**
- **FY2024 -- \$93.5 million**
- **FY2025 -- \$89.4 million**
- **FY2026 -- \$45 million**

FY23-26 Total - \$314.4 million

* Does not include Burlington International Airport

Chittenden County TIP Amounts FY2013 - FY2026





TIP Projects by Use Categories

Aviation – *FOR INFORMATION ONLY* -- \$104.9 Million

- ▶ Airfield Projects - \$30.9 M
- ▶ Planning and Environmental Studies - \$1.5 M
- ▶ Snow Removal Equipment/Maintenance Facility - \$14.4 M
- ▶ Terminal Building Projects - \$40 M
- ▶ Noise Mitigation - \$18 M



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bike & Pedestrian Program

- Intervale Road Shared Use Path, Burlington (24/25)
- Village South Sidewalk, Hinesburg (FY23)
- Riverside Village Sidewalks (TBD)
- Irish Hill Road Pedestrian Bridge and Sidewalk, Shelburne (FY23/24)
- Dorset Street Path – Old Cross Road to Sadie Lane, South Burlington (24/25)
- Williston Road Bicycle and Pedestrian Improvements, South Burlington (FY24/25)
- Main Street Sidewalk and Bicycle Improvements, Winooski (FY23)

RAISE Grant

- East-West Alternative Transportation Crossing, South Burlington (FY24/25/26)

Transportation Alternatives Program

- Lake Street Sidewalk, Burlington (FY24)
- Schifilliti Park Shared Use Path, Burlington (FY24)
- VT116 at Charlotte Road Sidewalk Relocation (FY23)
- Lee River Road Sidewalk, Jericho (FY23/24)
- Spear Street Bike/Ped Improvements, South Burlington (FY26)
- VT2A Connector Path – Beaudry Lane to VSECU, Williston (FY26)
- Gateways Crosswalk Enhancements, Winooski (FY23)



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation -- 8 Projects -- \$18.3 Million (5.8%)

- ▶ Rehabilitate/Replace Culverts on US2, Bolton-Richmond (*FY22/23*)
- ▶ BR29 on VT17 over Beaver Meadow Brook, Bolton (*FY26*)
- ▶ VT128 Culvert Carrying Alder Brook, Essex (*FY23*)
- ▶ BR32 on Camels Hump Road, Huntington (*FY22/23*)
- ▶ BR15 on Browns Trace over Mill Brook, Jericho (*FY25/26*)
- ▶ US2 Culvert, Richmond (*FY25/26*)
- ▶ Richmond BR29 on US2 over I-89 (*FY23/24/25*)
- ▶ BR23 on US2, Williston (*FY25*)



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation -- 8 Projects -- \$18.3 Million (5.8%)

Intermodal -- 1 Project -- \$2.7 Million (0.9%)

- Williston Park-and-Ride, Williston (*FY22/23*)



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation -- 8 Projects -- \$18.3 Million (5.8%)

Intermodal -- 1 Projects -- \$2.7 Million (0.9%)

New Facility/Major Roadway Upgrade -- 5 Projects - \$99.1 M (31.5%)

- ▶ Champlain Parkway, Burlington (*FY22/23/24/25/26*)
- ▶ Railyard Enterprise, Burlington (*FY25/26*)
- ▶ Exit 17 Improvements, Colchester (*FY23/24/25/26*)
- ▶ Crescent Connector, Essex Junction (*FY22/23/24*)
- ▶ Exit 12, Williston (*Phase 1 – FY22/23*)



TIP Projects by Use Categories

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New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation -- 8 Projects -- \$18.3 Million (5.8%)

Intermodal -- 1 Projects -- \$2.7 Million (0.9%)

New Facility/Major Roadway Upgrade -- 5 Projects - \$99.1 M (31.5%)

Paving -- 8 Projects -- \$39.8 Million (12.7%)

- ▶ US2 Paving, Bolton-Richmond (22/23/24)
- ▶ Class I Paving, Burlington (FY22/23)
- ▶ US7 Paving, Charlotte-South Burlington (FY22/23/24)
- ▶ Resurfacing VT15, Colchester-Essex (FY24)
- ▶ Resurface VT2A, Colchester-Essex (FY22/23)
- ▶ Resurface VT289, Essex (FY22/23)
- ▶ Resurface VT116, Hinesburg-South Burlington (FY25/26)
- ▶ Class I Paving, Winooski (FY22/23)



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation -- 8 Projects -- \$18.3 Million (5.8%)

Intermodal -- 1 Projects -- \$2.7 Million (0.9%)

New Facility/Major Roadway Upgrade – 5 Projects - \$99.1 M (31.5%)

Paving -- 8 Projects -- \$39.8 Million (12.7%)

Roadway Corridor Improvements -- 3 Projects -- \$21 M (6.7%)

- ▶ Exit 16 Improvements, Colchester (*FY23/24/25*)
- ▶ VT2A Improvements, Colchester (*to be determined*)
- ▶ Susie Wilson Road/VT15 Intersection Improvements, Essex (*FY24/25*)



TIP Projects by Use Categories

Safety/ Traffic Operations/ ITS -- 18 Projects -- \$34 M (10.8%)

- ▶ Shelburne Street Roundabout, Burlington (*FY21/22/23*)
- ▶ Prim Road/West Lakeshore Drive, Colchester (*FY23/23*)
- ▶ Severance Corners Improvements, Colchester (*FY26/27*)
- ▶ VT15 Traffic Signal Replacement, Colchester, Essex (*FY25/26*)
- ▶ 117/North Williston Road Intersection Improvements, Essex (*FY24/25*)
- ▶ VT15/Sand Hill Road, Essex (*FY25*)
- ▶ US7/Middle Road/Railroad Street, Milton (*FY24/25*)
- ▶ VT116/VT2A Improvements, St. George (*TBD*)
- ▶ I-89 Exit 14 Area Signal Upgrades, South Burlington (*FY23/24*)
- ▶ US2/Industrial Avenue, Williston (*FY22/23/24*)
- ▶ VT2A/Industrial Avenue/Mountain View Road, Williston (*FY24/25*)



TIP Projects by Use Categories

Safety/ Traffic Operations/ ITS -- 18 Projects -- \$34 M (10.8%)

New VPSP2 Regionally Driven Projects

- ▶ Colchester Avenue/Mill Street/Barrett Street, Burlington (*TBD*)
- ▶ Colchester Avenue/Prospect Street, Burlington (*TBD*)
- ▶ Bayside Intersection Roundabout, Colchester (*TBD*)
- ▶ VT117/Skunk Hollow Road Improvements, Jericho (*TBD*)
- ▶ US7/West Milton Road, Milton (*TBD*)
- ▶ US7/Harbor Road/Falls Road, Shelburne (*TBD*)
- ▶ VT116/Cheesefactory Road Improvements, South Burlington (*TBD*)



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation -- 8 Projects -- \$18.3 Million (5.8%)

Intermodal -- 1 Projects -- \$2.7 Million (0.9%)

New Facility/Major Roadway Upgrade – 5 Projects - \$99.1 M (31.5%)

Paving -- 8 Projects -- \$39.8 Million (12.7%)

Roadway Corridor Improvements -- 3 Project -- \$21 M (6.7%)

Safety/ Traffic Operations/ ITS -- 18 Projects -- \$34 M (10.8%)

Transit -- \$75.5 Million (24%)

- Formula funds from FTA
- New services – CMAQ
- FTA Grants
- Elderly & Disabled programs



TIP Projects by Use Categories

Aviation -- \$104.9 Million

New Sidewalks and Paths -- 15 Projects -- \$14.8 Million (4.7%)

Bridge Preservation – 8 Projects -- \$18.3 Million (5.8%)

Intermodal -- 1 Projects -- \$2.7 Million (0.9%)

New Facility/Major Roadway Upgrade – 5 Projects - \$99.1 M (31.5%)

Paving -- 8 Projects -- \$39.8 Million (12.7%)

Roadway Corridor Improvements -- 3 Project -- \$21 (6.7%)

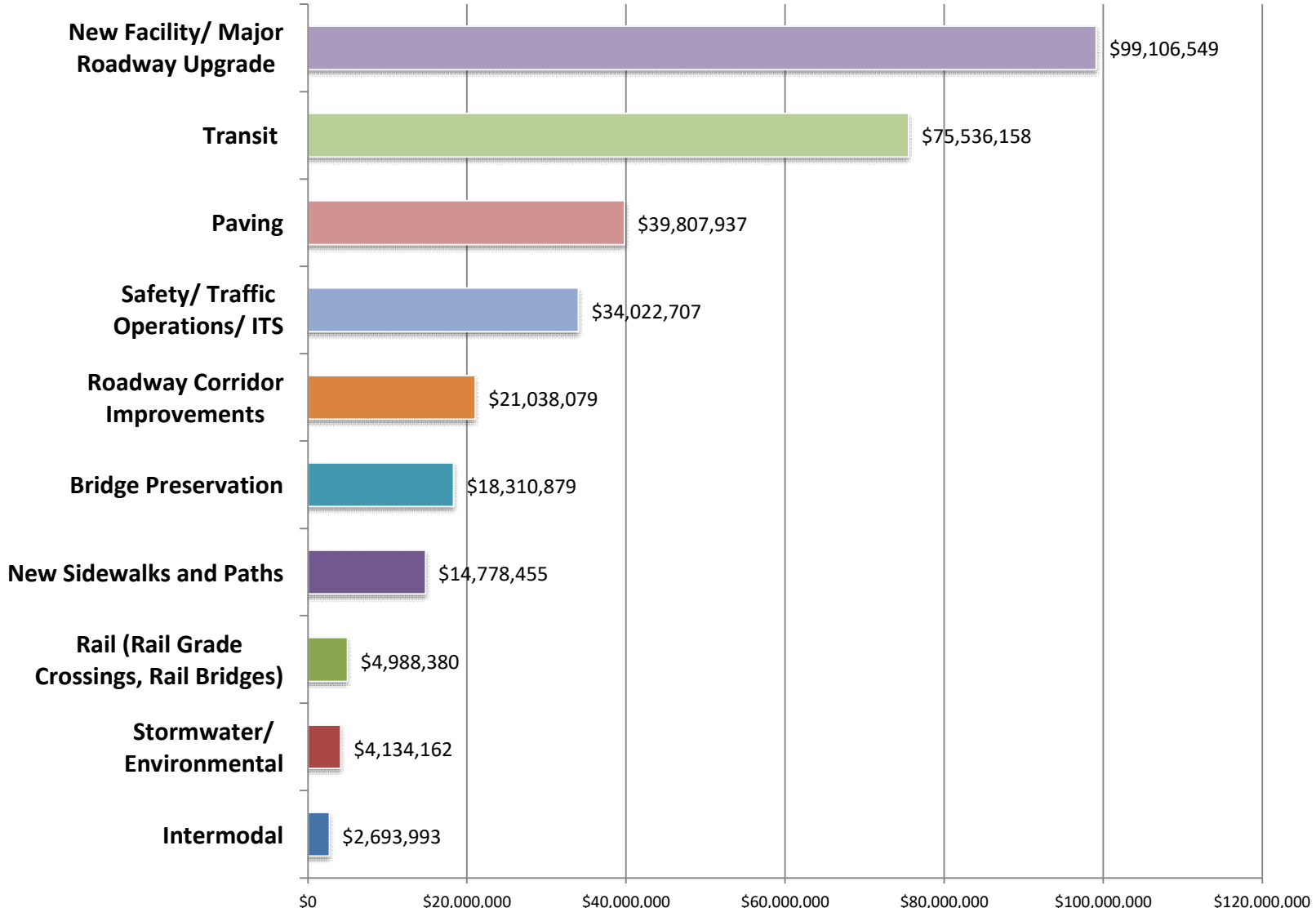
Safety/ Traffic Operations/ ITS -- 18 Projects -- \$34 M (10.8%)

Transit -- \$75.5 Million (24%)

Stormwater/Environmental – 12 Projects -- \$4.1 Million (1.3%)

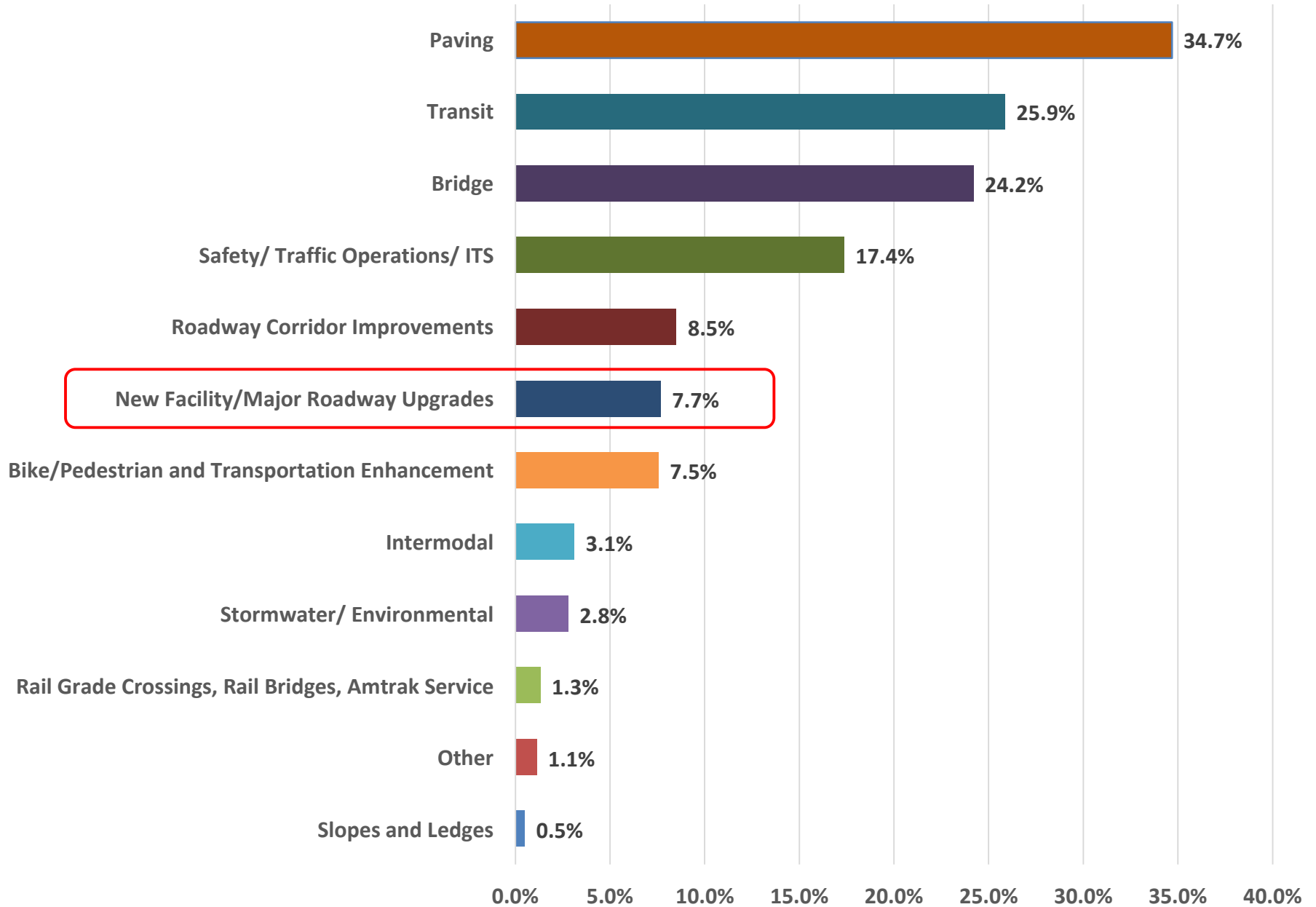
- Municipal Highway and Stormwater Mitigation Program Grants
- Transportation Alternatives Grants

CCRPC FY2023-2026 TIP Federal Funds Programmed by Project Use Category



Note: Many of the projects listed in the categories Safety/ Traffic Operations/ ITS, Roadway Corridor Improvements, New Facility Major Roadway Upgrade, and Paving also include improvements to bicycle and/or pedestrian facilities

FY2012-2021 Obligations by Percent and Project Use Category





CIRC Alternative Projects Listed in FY2022-2025 TIP

Completed CIRC Alternative Projects

- Colchester - Blakely Rd/Laker Ln Intersection
- Colchester-Essex - VT15 Multiuse Path
- VT2A/VT289 Improvements
- VT15 Improvements, Post Office Square to 5-Corners, Essex Junction
- Signal Upgrades on VT2A and VT15, Essex and Williston
- Williston - VT2A/James Brown Drive
- Williston Sidewalks – Harvest Lane and US2, Taft Corners to Wright Avenue

Phase I

- Colchester - Exit 16 Improvements \$12.2 M *(FY23/24/25)*
- Essex Junction - Crescent Connector \$8 M *(FY22/23/24)*

Phase I Total

\$12.2 M



CIRC Alternative Projects Listed in FY2020-2023 TIP

Phase II

- Colchester - Severance Corners Intersection \$2.1M *(FY26/27)*
- Essex - VT15/Sand Hill Road Intersection \$1.1 M *(FY25)*
- Williston - US2/Trader Lane Traffic Signal \$0.6 *(FY23)*

Phase II Total

\$3.4 M

Phase III Projects

- Colchester - Prim Rd/West Lakeshore Dr Intersection \$2.6 M *(FY23/24)*
- Colchester - VT2A Improvements \$467,000 *(tbd)*
- Essex - Susie Wilson Road/VT15 Intersection \$1.4 M *(FY24/25)*
- Essex - VT117/North Williston Road Intersection \$1.9 M *(FY24/25)*
- Williston - I-89 Exit 12 Improvements - Stage 1 \$1.2 M *(FY22/23)*
- Williston - VT2A/Industrial Ave/Mountain View Rd \$8.1 M *(FY24/25)*

Phase III Total

\$15.7 M



CIRC Alternative Projects Listed in FY2020-2023 TIP

Phase III Projects not Started

- Essex - VT117/North Williston Road Hazard Mitigation Improvements
- Essex - VT15 Sidewalk - Old Stage Road to Essex Way
- Williston - I-89 Exit 12 Improvements - Stage 2, Stage 3 and Stage 4
- Williston - Mountain View Road Shoulder Improvements
- Williston - US2 Shared Use Path - Taft Corners to Williston Village
- Williston - VT2A Sidewalk, Knight Ln to O'Brien Ct



Questions?
Comments?