The Central Virginia Transportation Authority



JULY 21, 2022 -- CTAC





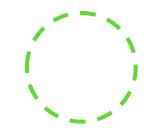




- Organized in August 2020
- Nine Jurisdictions in Central Virginia plus DRPT, VDOT, CTB, GRTC, GA (2), RMTA, PoV, RIC
- Administers funds collected from gas tax and sales tax specifically for transportation purposes
- Revenues disbursed according to three categories
- Advisory committees Finance and Technical

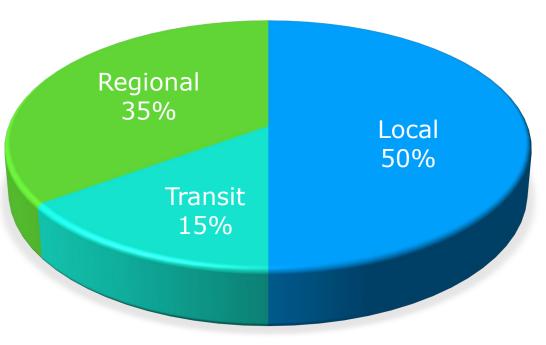






- Develop revenue projections w/ state
- Three "pots" of funds distributed
- Weighted voting based on population
- Focus on leveraging local dollars for larger investment ie: debt
- Functions and powers:
 - Regional prioritization of projects
 - Annual regional transit plan
 - Oversee distribution of local funds
 - Issue bonds as needed

REVENUE DISTRIBUTION



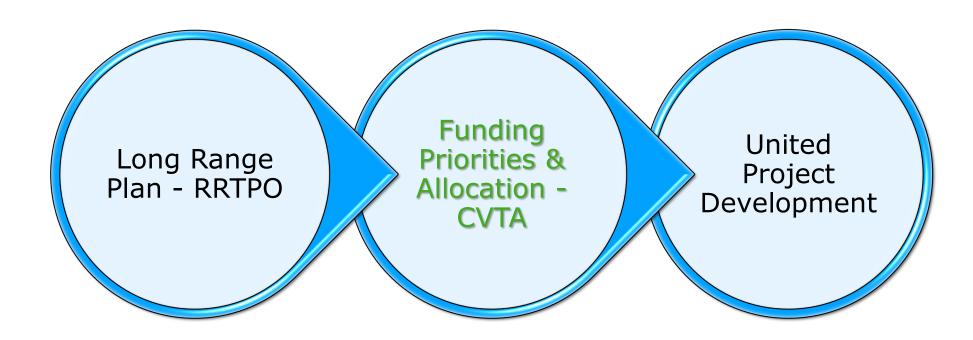






TRANSPORTATION PROCESS FLOW









THE CENTRAL VIRGINIA TRANSPORTATION AUTHORITY

YTD as of June '22

- Local Distribution
 - \$85.6M
- **GRTC** Distribution
 - \$25.7M
- Regional Distribution
 - \$59.9M

HOKTIA	TATION AUTHORITY	
	CENTRAL VIRGINIA TRANSPORTATION AUTHORITY Tax Collections and Allocations Tax Collections 2022 October Tax Activity Tax Activity Tax Activity	
	CENTRAL VIRGINIA TRANSPORTATION Tax Collections and Allocations Tax Collections and Allocations Tax Activity October Tax Activity Tax Activity	
	As of Ividion Sentember	
	August Tax Activity 144	
	June Juny Tax Activity Tax Acti	
	June Tax Activity	
	Tax Activity \$ 12,495,742 \$ 12,860,004 4,176,554 4,679,479 121,560,004	
	June Tax Activity Tax Activity <th co<="" td=""></th>	
	\$ 11,563,283 \$ 11,295,839 4,371,054 4,371,054 16,532,595 17,234,234	
ceipt of Taxes:	4,067,044 15 564,523 22,555,105	
Sales and out	15.631,121	
Local Fuels Tax		
Cash Outflows & Transfers:	2,585,131 0,672,623	
Cash Outflows & The	5 447.583 0.389.837 2,47.5,527 8,617,102	
Transfers: Operating Fund	5,470,894 2,334,678 3,260,250 31,359 389,301	
	2,344,669 7,782,261 17,554,000 29,411 44,275 2135,168 17,564,000 20,411 44,275 2135,168 17,564,000 20,411 2	
	37,663 56,682 2,820,537 166,635 2,430,434	
Total transiers	26,559 74,141 0.374,890 2,402,55 222,254 1,005,019 3,770,771	
Local Distributions:	50,127 3,285,422 189,094 12,300,224 2,309,063	
Achlana	2,230,910 268,013 1,215,802 3,195,900 169,883 1,346,55	
Charles City	192 114 1561,022 2713,009 206 095 194,000 159,491 10 297.00	
Chesterfield	1127 091 1,336,705 178,834 105 372 213,005 1,336,705 60 793,04	
Goochland	2 446,724 2,653,212 231,245 189,676 1,477,355 1,649,355 7,339,740 \$	
Hanover	196,782 454,086 254,040 1,431,640 8,617,102 5,555	
Henrico	189,972	
New Kent	1343,298 782,261 11,299,430 \$	
Powhatan	7 815,563	
Richmond Total local distribution	s Fund	
Total local	Salance \$. \$ (36)	
Total local distribution Total local distribution Local Distribution Fund ending be	\$ (73,264) 93 52 57 \$ 54	
. 2021	500 000 \$	
Beginning balance, July 1, 2021 Transfer from Local Distribution	Fund \$ 500,000 \$ 11,889 \$ (82,402) 40 50 \$ (73,212) \$	
Transfer from Local Distribution	35 40 \$ 50 \$ 47,7-6 \$ 47,7-6 \$ 42,5	
Transfer from Local Distriction Transfer from Local Districtio		
Interest income	5 786 408 0,00 5,10 5 155,304 TV	
Interest income Operating Fund ending ba	5,447,583 7,909,619 5,786,408 6,509 6,778,968 \$ 5,155,304 1	
. 30	5,447,583 3,308 5,791,326 \$ 6,036,405	
Beginning balance, July 1, 20	021 \$ 5,470,894 2,792 5,791,320 5,79	
Interest income Regional Fund ending b	alance \$ 5,477,000	
Fund ending w	or white October 1, 2020	

- NULES.

 * Local fuels tax effective July 1, 2020 / S&U tax effective October 1, 2020

 * Local fuels tax effective July 1, 2020 / S&U tax effective October 1, 2020 * Activity month is reported. CVTA receives funds three months after the activity month



CVTA REVENUE PROJECTIONS

Adjusted Revenue Forecasts based on VDOT Projections

Central Virginia Transportation Authority

	Decembe	er 2020 VDO1 (million)	Forecast	Ac	ljusted Foreca: (million)	st*		Change (million)		Adjusted Forecast Local Revenues (million)	Adjusted Forecast GRTC Revenues (million)	Adjusted Forecast Regional Revenues (million)	December 20: (m	21 VDOT nillion)	Forecast	Variance f	rom Adjus (million)	ted Forecast	Regional R Varia from Adjuste (milli	nce ed Forecast	Adjusted Regional Forecast (01/21)	
	0.7% Local Sales Tax	Fuels Tax	Total CVTF Revenues	0.7% Local Sales Tax	Fuels Tax	Total CVTF Revenues	0.7% Local Sales Tax	Fuels Tax	Total CVTF Revenues	50%	15%	35%	0.7% Local Sales Tax	Fuels Tax	Total CVTF Revenues		Fuels Tax	Total CVTF Revenues	Amount	% Change	83%	\vdash
2022	\$140	\$60	\$200	\$132	\$57	\$189	(\$8)	(\$3)	(\$11)	\$94	\$28	\$66	\$123	\$58	\$181	(\$9)	\$1	(\$8)	(\$3)	-4.15%	\$63	1
2023	\$144	\$62	\$206	\$135	\$59	\$194	(\$9)	(\$3)	(\$12)	\$97	\$29	\$68	\$132	\$61	\$193	(\$3)	\$2	(\$1)	(\$0)	-0.58%	\$68	1
2024	\$147	\$63	\$210	\$138	\$60	\$198	(\$9)	(\$3)	(\$12)	\$99	\$30	\$69	\$136	\$62	\$198	(\$3)	\$2	(\$1)	(\$0)	-0.29%	\$69	1
2025	\$155	\$64	\$218	\$145	\$60	\$206	(\$9)	(\$3)	(\$12)	\$103	\$31	\$72	\$139	\$62	\$201	(\$6)	\$2	(\$4)	(\$2)	-2.09%	\$70	J
2026	\$162	\$65	\$227	\$152	\$61	\$214	(\$10)	(\$3)	(\$13)	\$107	\$32	\$75	\$140	\$63	\$203	(\$13)	\$2	(\$11)	(\$4)	-5.10%	\$71	\$
2027	\$167	\$66	\$232	\$156	\$63	\$219	(\$10)	(\$3)	(\$13)	\$110	\$33	\$77	\$141	\$64	\$205	(\$16)	\$1	(\$15)	(\$5)	-6.69%	\$72	1
2028	\$171	\$67	\$238	\$161	\$64	\$225	(\$10)	(\$3)	(\$14)	\$112	\$34	\$79	\$141	\$65	\$207	(\$20)	\$1	(\$18)	(\$6)	-8.15%	\$72	4
TOTAL	\$1,085	\$446	\$1,532	\$1,020	\$424	\$1,444	(\$65)	(\$22)	(\$87)	\$722	\$217	\$506	\$951	\$436	\$1,387	(\$69)	\$12	(\$58)	(\$20)	-4.00%	\$485	
				-6.03%	-4.85%	-5.69%										-6.81%	2.76%	-4.00%				_

	Regional Revenue Contribution by Jurisdiction (million)										
	Ashland	Charles City	Chesterfield	Goodhland	Hanover	Henrica	New Kent	Powhatan	Richmond	Total	
2022	\$0.231	\$0.397	\$19.527	\$1.75	\$9.27	\$20.51	\$1.80	\$1.52	\$11.12	\$66.13	
2023	\$0.238	\$0.407	\$20.054	\$1.80	\$9.52	\$21.07	\$1.85	\$1.56	\$11.42	\$67.91	
2024	\$0.243	\$0.416	\$20.472	\$1.84	\$9.72	\$21.51	\$1.89	\$1.59	\$11.65	\$69.33	
2025	\$0.252	\$0.432	\$21.260	\$1.91	\$10.09	\$22.33	\$1.96	\$1.66	\$12.10	\$71.99	
2026	\$0.262	\$0.449	\$22.087	\$1.98	\$10.49	\$23.20	\$2.03	\$1.72	\$12.57	\$74.79	
2027	\$0.268	\$0.460	\$22.652	\$2.03	\$10.75	\$23.79	\$2.09	\$1.76	\$12.89	\$76.71	
2028	\$0.275	\$0.472	\$23.236	\$2.09	\$11.03	\$24.41	\$2.14	\$1.81	\$13.23	\$78.69	
TOTAL	\$1.769	\$3.033	\$149.287	\$13.397	\$70.877	\$156.820	\$13.751	\$11.628	\$84.982	\$505.545	

	Fiscal Year 202	1 Tax Revenue	
	Sales Tax %	Fuel Tax %	Combined
Ashland	0.31%	0.42%	0.35%
Charles City	0.75%	0.28%	0.60%
Chesterfield	27.75%	33.51%	29.53%
Goochland	2.04%	4.01%	2.65%
Hanover	12.70%	16.96%	14.02%
Henrico	33.63%	25.18%	31.02%
New Kent	1.06%	6.43%	2.72%
Powhatan	2.00%	2.98%	2.30%
Richmond	19.76%	10.23%	16.81%

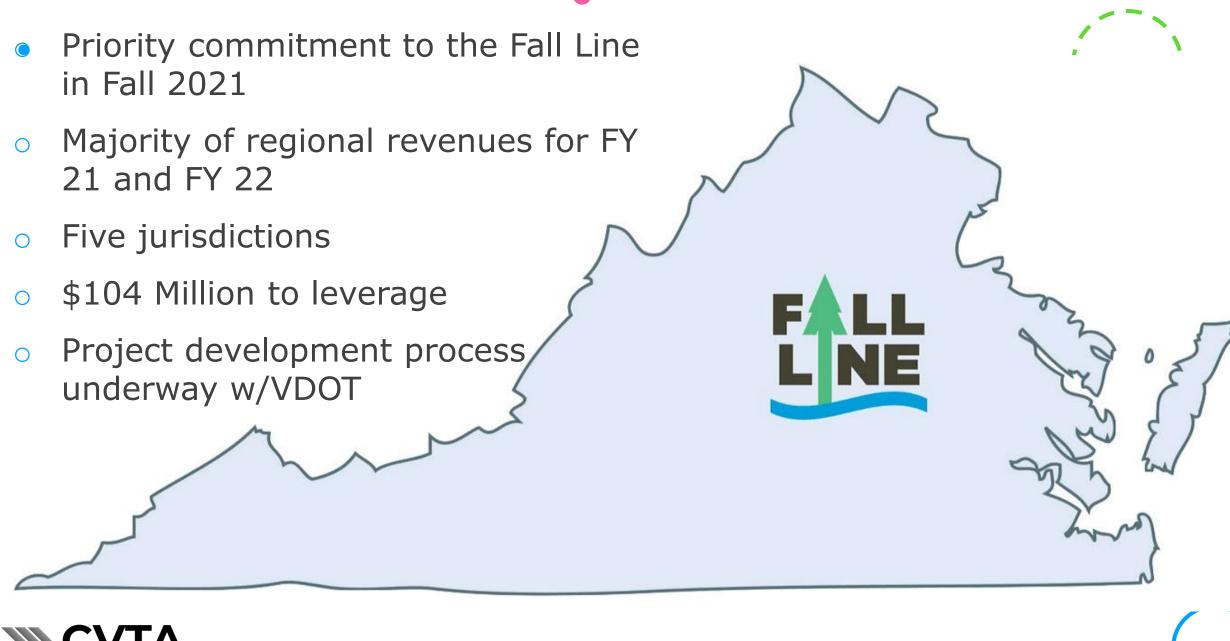
Per VDOT's budget vs. actual repart, the first quarter of fiscal year 2022 actual tax amounts are less than budget as follows:
 Fuels tax is 6.03% kess than budget
 S&U tax is 4.45% kes than budget

\$0.405 \$19.937 \$1.79 \$9.47 \$20.94 2023 \$11.35 2024 \$0.242 \$0.415 \$20.413 \$1.83 \$9.69 \$21.44 \$1.88 \$1.59 \$11.62 2025 \$0.423 \$20.816 \$1.87 \$9.88 \$21.87 \$1.92 \$1.62 \$11.85 \$0.247 \$0.426 \$20.960 \$1.88 \$9.95 \$22.02 \$1.93 \$1.63 \$0.429 \$21.136 \$1.90 \$10.03 \$22.20 \$1.95 \$0.434 \$21.343 \$1.92 \$10.13 \$22.42

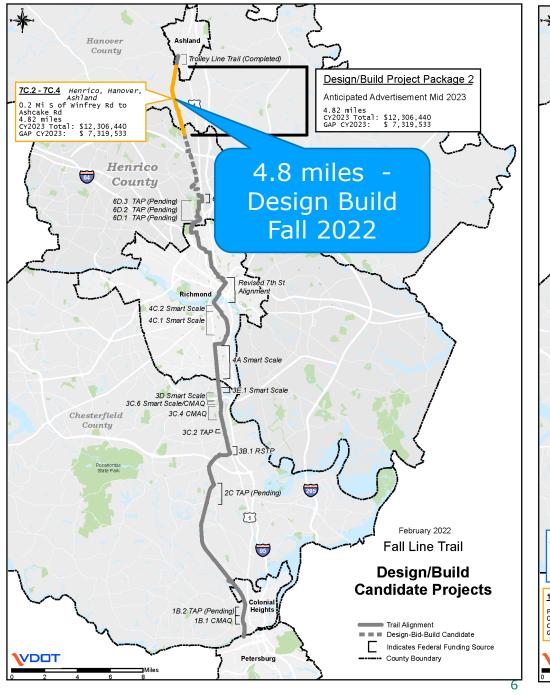
Previous years (FY21 and FY22) **\$113.9M**

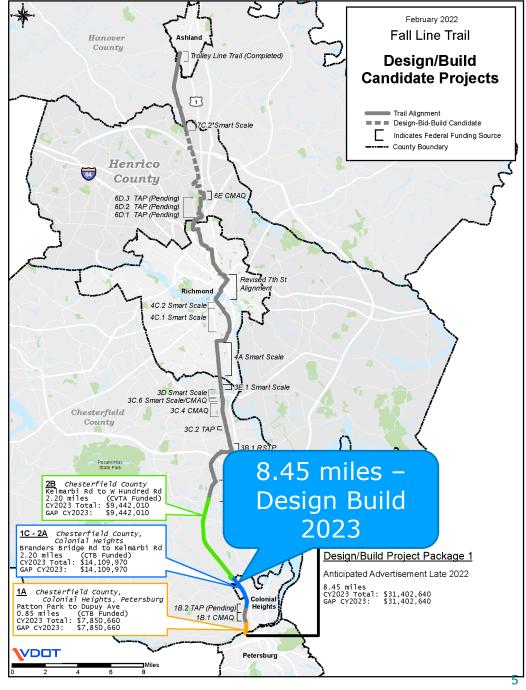
Forecast years (FY23 to FY26) **\$276.4M**















A motivating factor in establishing the CVTA was the region's desire to fund regional transportation projects which were not likely to be funded through other sources due to their high project costs.

It is through this lens that the project selection and allocation process was developed. Member localities and regional transportation partners will engage in a **competitive** process where projects are submitted for funding. Together, the CVTA members will assess the projects' merit and **regional value** before determining final allocations.





PROJECT DEVELOPMENT PROCESS



Project Applications

Develop a <u>full</u> inventory of regionally-significant project needs

Cost Estimates

Understand planninglevel cost factors based on engineering plans and best available information. Collaboratively develop budgets to horizon year.

Funding Plan

Use scores and benefit/cost to rank projects and develop timebands for implementation to be included in recommended plan

Performance Measures

Identify quantitative measures to assess project effectiveness and impact using key categories

Project Scoring

Score individual projects using PMs and impact data from travel demand model, EJ analysis and custom scripts







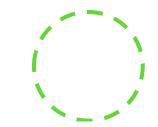


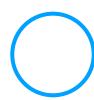
Table 4: CVTA Regional Scoring for Project Categories: Highway, Bike/Pedestrian, Multimodal, Transit, Studies, PE-Only

Goal	Sof	intu	Mol	aility	Accessibility								
GOal	Sai	ety	IVIOI	oility	Economic Dev	elopment	Equity						
Goal Weight	38.	5%	23	3%	38.5%								
Performance Measure	Crash Frequency	Crash Rate	Person Throughput	Person Hours of Delay	Access to Destinations	Access to Jobs	Access to Jobs (EJ)	Access to Destinations (EJ)					
Performance Measure Weight	70%	30%	50%	50%	30%	30%	20%	20%					
Description	Reduction in EPDO of Fatal and Injury Crashes (5-year period)	Reduction in EPDO of Fatal and Injury Crashes per 1 million VMT	Increase in Person Throughput (Peak Period)	Reduction in Person Hours of Delay (Peak Period)	Increase in average access to weighted destinations per 1,000 persons (travel time of 30 minutes for all modes) for all population		Increase in average job accessibility per person (Total EJ Population within EJ Area)	Increase in average access to destinations per 1,000 persons (travel time of 30 minutes for all modes) for EJ population					

Table 5: CVTA Regional Scoring for Project Category: Bridge

SGR Factor	Importance Condition		Design Redundancy and Safety	Structure Capacity	Cost Effectiveness
Factor Weight	30%	25%	15%	10%	20%
	Traffic volume, truck traffic,	Measures overall condition of	Fracture-critical bridges, fatigue	Consideration of whether the	Ratio of actual project cost to
Description	detour route, future traffic	the bridge using detailed	prone details, and scour and	bridge will be posted or has	the cost for full replacement
Description	volume, and key route condition data compiled from		seismic vulnerability	issues with clearances or	
	designations	the safety inspection report		waterway adequacy	





PROJECT SELECTION



			Ţ	
Step 1 Review Project Scores & Rankings	Step 2 Request Annual Allocations	Step 3 Develop Draft Funding Scenario	Step 4 Review/Revise Draft Funding Scenario	Step 5 Hold Public Hearing & Adopt Funding Scenario
Projects scored and ranked within each category by staff	 Annual funding amounts available for programming to projects provided by Finance Committee 	 Draft funding scenario developed by staff with consideration to: Funds applied proportionally to the value of requests by category Balance amongst categories and jurisdictions Funding for Studies and PE-only projects not 	 Funding scenario reviewed by Finance Committee and TAC Funding scenario revised to allow changes to leveraging amount? NO Recommendation by 	 Public comments reviewed by Finance Committee and TAC and provided to Authority with recommendations Funding scenario adopted

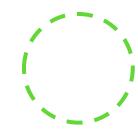
respectively, of annual

regional funding

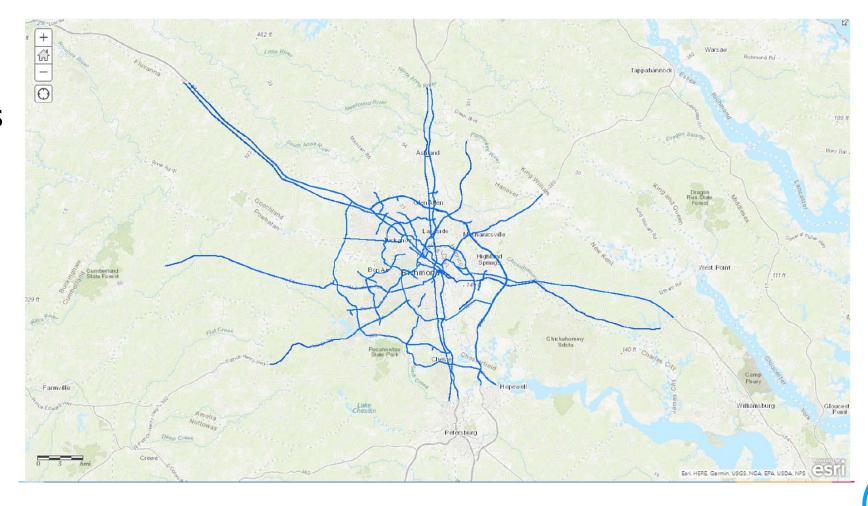
and TAC







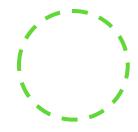
- Arterials
- Volume @20,000 Vehiclesper Day
- Corridor of Statewide Significance
- Arterial Preservation Network





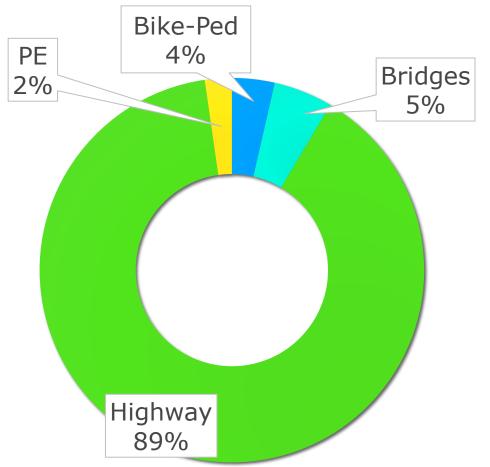






FY 23-26 Project Cycle

- 37 project applications
- 8 jurisdictions
- 31 eligible 6 screened out
- Total project requests = \$764.3M







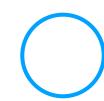




Prioritization by type – Highway example

Project ID	Project Title	Jurisdiction	Safety	Mobility	Access	Benefit	Rank	Request	Benefit/Cost*	Category Rank
FY23_17	Rt. 301 3rd Southbound Lane	Hanover	5.12	17.57	18.61	41.3	5	\$829,858	497.68	1
FY23_26	W Broad Street Intersection Improvements at Parham Road	Henrico	4.62	0.03	36.05	40.7	6	\$2,611,000	155.88	2
FY23_18	Rt. 1/Rt. 30 Green-T	Hanover	2.58	0.04	35.9	38.52	8	\$4,954,119	77.75	3
FY23_30	A Hull Street Phase II (US360)	Richmond	13.62	21.19	13.27	48.08	4	\$6,291,851	76.42	4
FY23_27	W Broad Street Improvements - Short Pump	Henrico	10.67	0.52	4.62	15.81	17	\$3,230,000	48.95	5
FY23_19	Rt. 301/Rt. 54 Roundabout	Hanover	3.32	0.01	18.35	21.68	12	\$4,524,642	47.92	6
FY23_13	I-95/Route 10 Interchange Improvement, Phase II	Chesterfield	2.64	19.42	32.11	54.17	2	\$17,086,282	31.70	7
FY23_14	I-64 at Ashland Rd. (Rte. 623) Interchange	Goochland	3.71	0.03	35.89	39.63	7	\$15,005,840	26.41	8
FY23_23	Magellan Parkway Bridge and Approach Section	Henrico	6.59	21.41	9.86	37.86	9	\$18,572,000	20.39	9
FY23_34	G Broad Street Streetscape (US250) with Pulse Expansion Phase III	Richmond	15.64	0	0	15.64	18	\$8,800,000	17.77	10
FY23_28	Brook Road Improvements - Villa Park Dr to Hilliard Rd	Henrico	14.88	1.24	0	16.12	16	\$10,416,000	15.48	11
FY23_09	Woolridge Road (Route 288 - Old Hundred Road) Extension	Chesterfield	5.75	11.25	35.74	52.74	3	\$37,578,118	14.03	12
FY23_25	Staples Mill Road Improvements	Henrico	0	0.85	6.57	7.42	19	\$5,670,000	13.09	13
FY23_15	Rte 288 - New SB Auxiliary Lane South of U.S. 250	Goochland	0.37	3.39	16.11	19.87	13	\$16,814,989	11.82	14
FY23_22	Woodman Road Improvements - Mountain Rd to Hungary Rd	Henrico	11.73	3.14	11.52	26.39	11	\$27,848,000	9.48	15
FY23_06	Route 360 (Woodlake Pkwy to Otterdale Rd) Widening	Chesterfield	7.04	0.46	8.73	16.23	15	\$20,000,000	8.12	16
FY23_16	SB 288 Continuous HSR Lane - West Creek Parkway to Route 711	Goochland	0.17	7	22.51	29.68	10	\$37,878,512	7.84	17
FY23_02	Vaughan Road Overpass	Ashland	0	0.12	18.52	18.64	14	\$24,000,000	7.77	18
FY23_31	B Forest Hill Avenue Phase II	Richmond	1.09	3.42	0.02	4.53	20	\$14,645,821	3.09	19
FY23_29	I-64 Widening, Exit 205 to New Kent/ James City County Line	New Kent	28.24	2.75	36.6	67.59	1	\$396,887,519	1.70	20



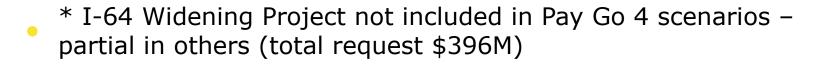




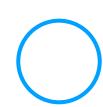


Scenario development – five scenarios for FY23-26 (or FY23-28)

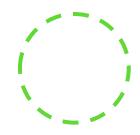
- Pay Go 4 years (28 projects @ \$229M)
- Pay Go 6 years (27 projects @ \$326M)
- Bonding 4 years (23 projects @ \$303M)
- Bonding 6 years (27 projects @ \$391M)
- Pay Go Reduced reserve (30 projects @ \$276M)













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w: CVTAva.org

FOR IMMEDIATE RELEASE

Contact: Rashaunda Lanier-Jackson Community Engagement Manager RLJackson@planrva.org 804-323-2033 ext. 113 (main)

Regional Leaders Seek Public Comments for \$276.4 million in Transportation Investments

Richmond, VA. (April 14, 2022) – Local leaders across Central Virginia will soon make funding decisions committing four years of regional revenue worth an estimated \$276.4 million to improve regional bike, pedestrian, bridge and highway infrastructure, but first they want public input.

The Central Virginia Transportation Authority is seeking feedback on a funding scenario for approximately 30 projects planned for the Richmond region.

The public comment period is open until Thursday, April 28, 2022. Comments may be submitted online and during the public hearing at 8:30 a.m. on April 29

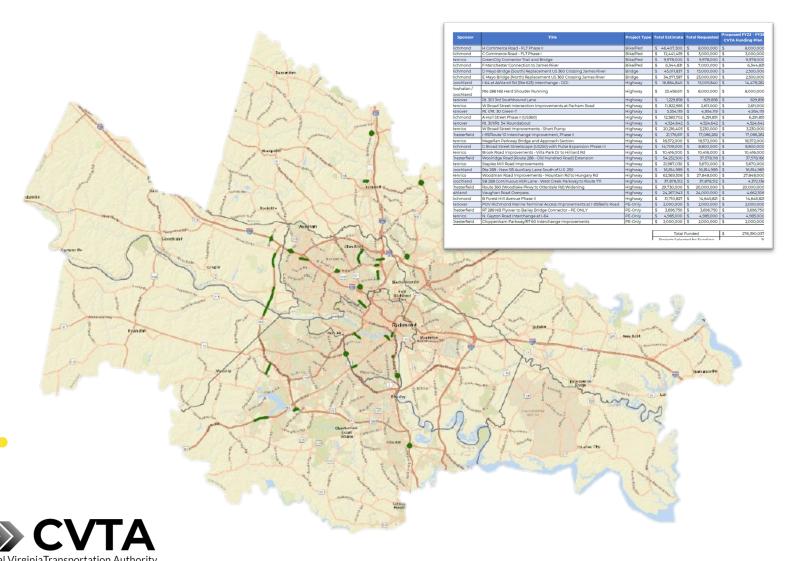
Public hearing April 29 @ 8:30am





REGIONAL PROJECTS APPROVED



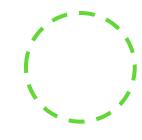


Notes

- √ 30 projects
- ✓ \$276.4 million in funding
- ✓ Bike/ped, Highway, Bridge, PE Only
- ✓ I-64 approved for future funding of \$100 million outside of this grouping



NEXT STEPS



- ✓ Funding allocations
- ✓ Bonding decisions
- ✓ Updates to decision framework
- ✓ Continued local distribution
- ✓ Continued GRTC distribution
- ✓ Next cycle of regional project applications













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