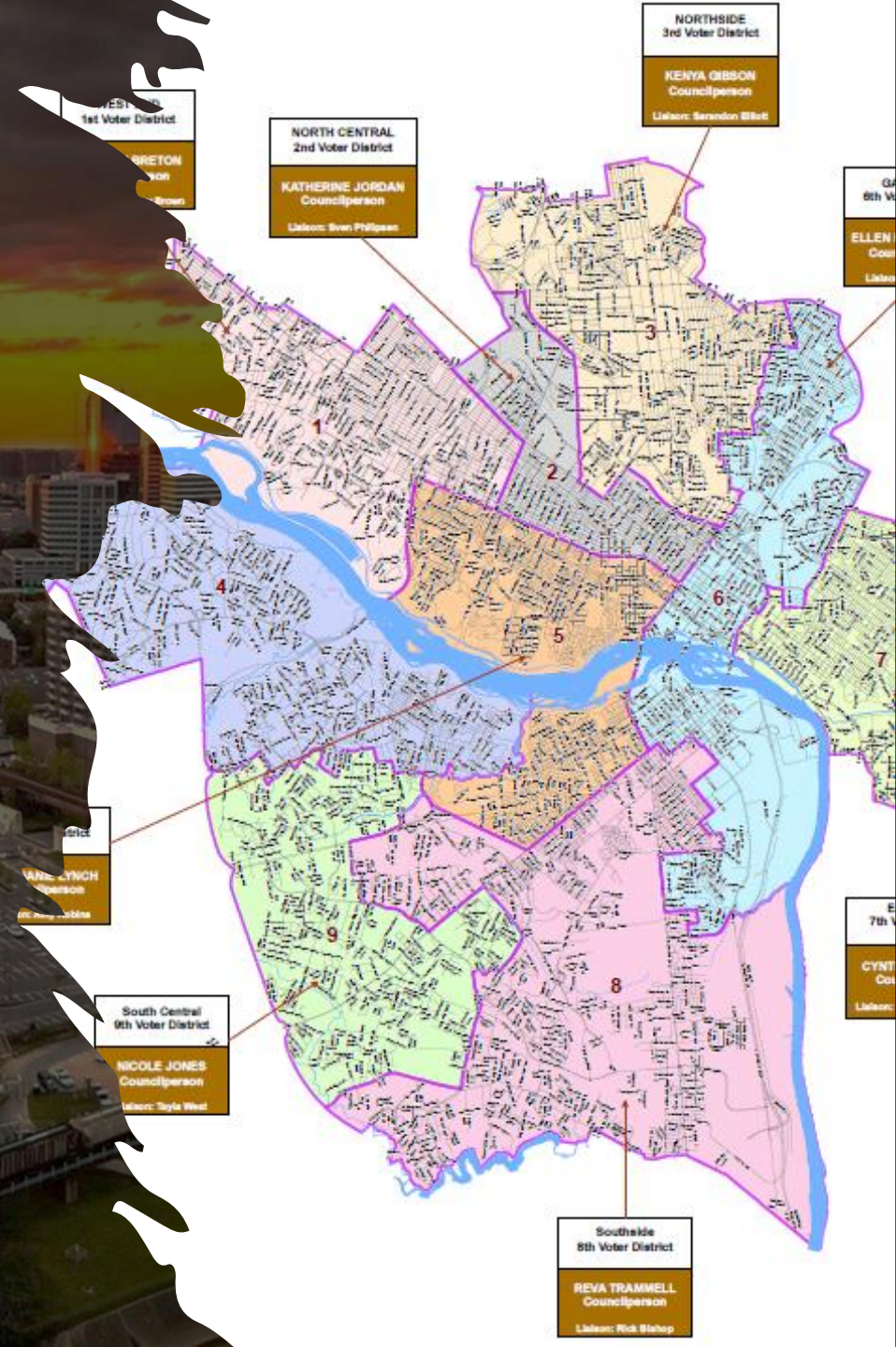


City Council Land Use

FY26 Traffic Calming Program

May 20, 2025



Department of Public Works

Presented by: Bobby Vincent, Jr.



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RVA Statistics and General Public Information

Geographical Size:

City Population:

Metropolitan Area Population:

Lane Miles of Roads:

Miles of Sidewalks:

Miles of Alleys:

Tree sites within Public ROW:

Bridges and Structures:

Streetlights:

Signals & Flashers

Bike Lanes:

62.5 square miles

231,782 (Ranked 100th) *worldpopulationreview.com*

1,314,434 (Ranked 44th) *2020 Census*

1,835 lane miles (2,626 w/parking & turning lanes)

879 lane miles

210 miles

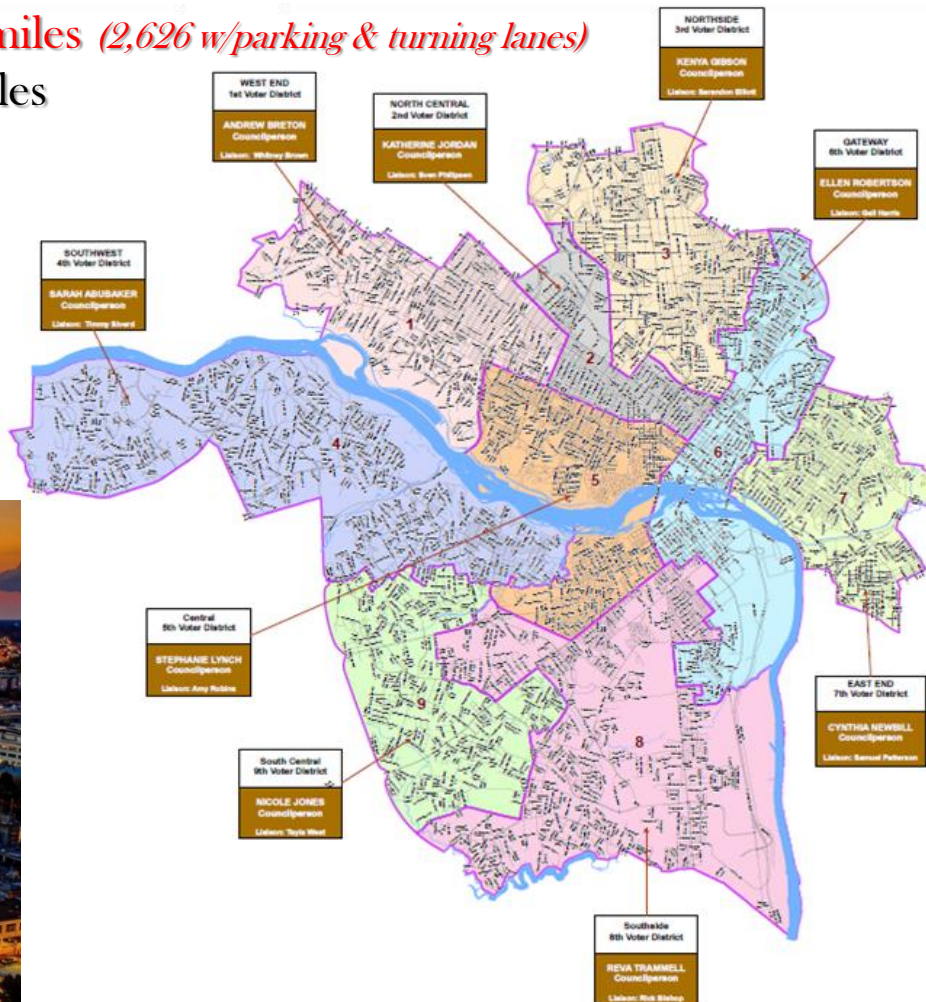
120,000

84

42,780

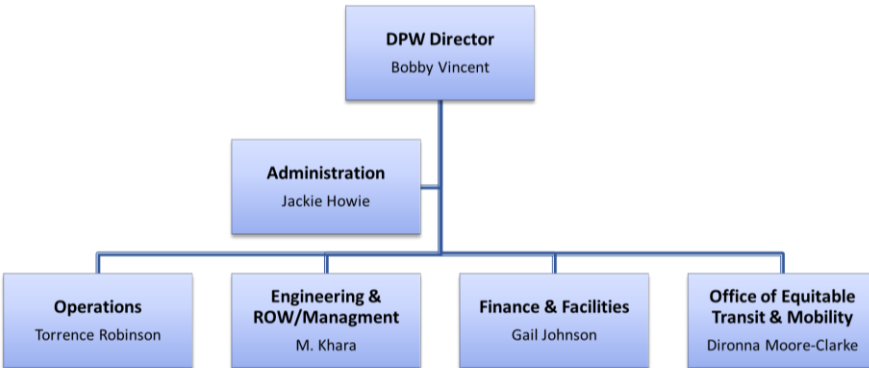
521

70.7 miles



Department of Public Works

Leadership Team, Mission, Vision, Overview



Roadway Maintenance



Bridge Maintenance



CIP Engineering



Right of Way Manager



Solid Waste



Urban Forestry



Paving Infrastructure



Street Cleaning



Grounds Maintenance



Facilities Management



Traffic Engineering



OETM



Street Lights

MISSION

To provide a clean, safe and healthy environment

VISION

To become the organizational leader in customer satisfaction by improving communication, assuring organizational alignment and affecting positive change while preserving our national accreditation

OPERATING DIVISIONS

Bridge Maintenance
 Capital Projects/Engineering
 Office of Equitable Transit & Mobility
 Facilities Management
 Grounds Maintenance
 Paving Infrastructure
 Right of Way Management
 Roadway Maintenance

Solid Waste Management
 Street Cleaning
 Street Lighting
 Traffic Engineering
 Urban Forestry

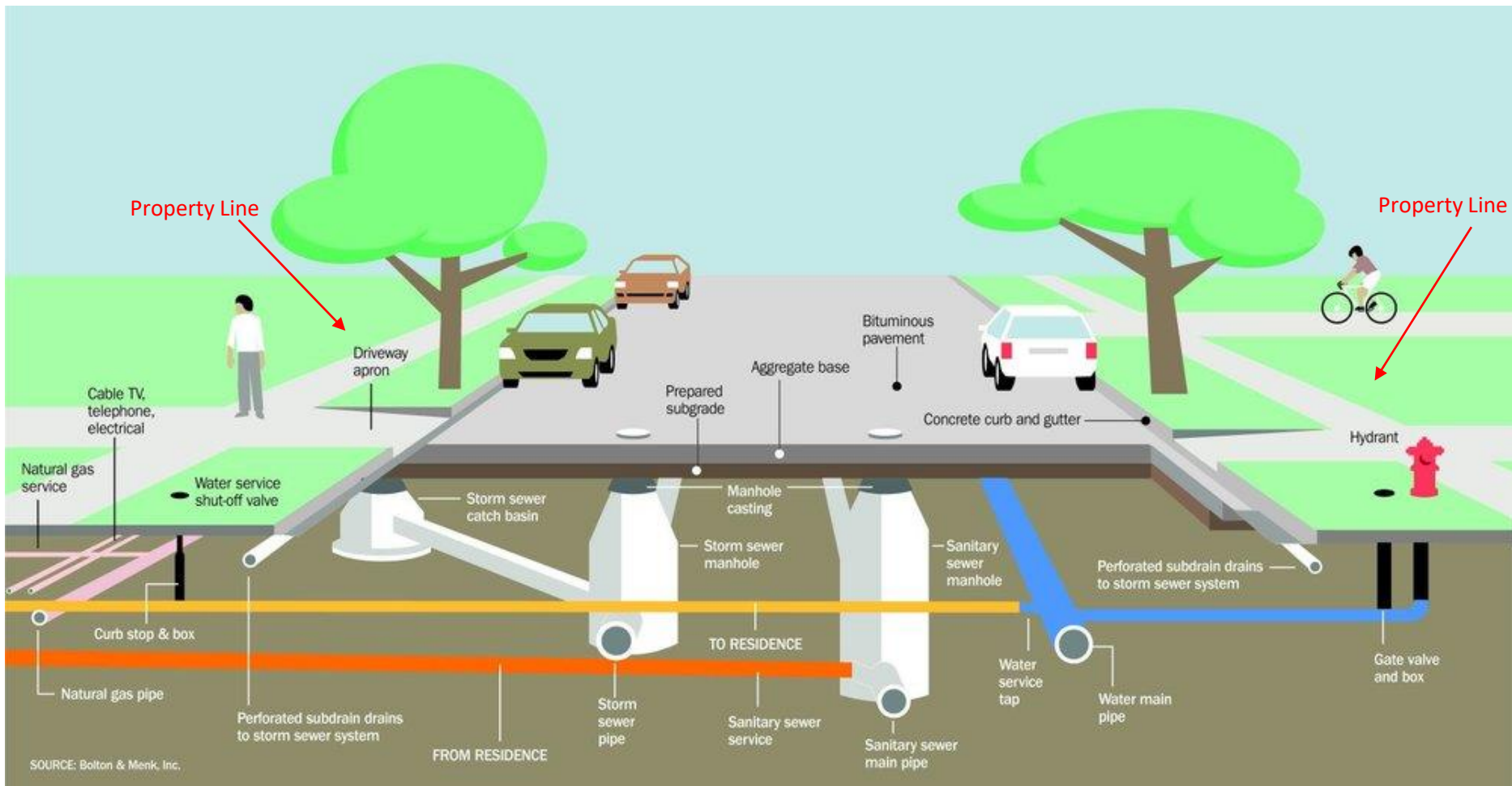
City of Richmond's Public Right of Way

Typical Street Layout w/in an Urban Area



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When paving occurs, milling & overlay projects average 2" in depth. In the City of Richmond streets, even on local streets, there are several utilities that run underground within the public right of way. The main line pipes and conduits run at depths from 4' (48") to 20'+ (240"). Each main line has laterals at various depths to each property. Due to excavations, cavitations and upgrades, the earth around each of these can become compromised at any given time.



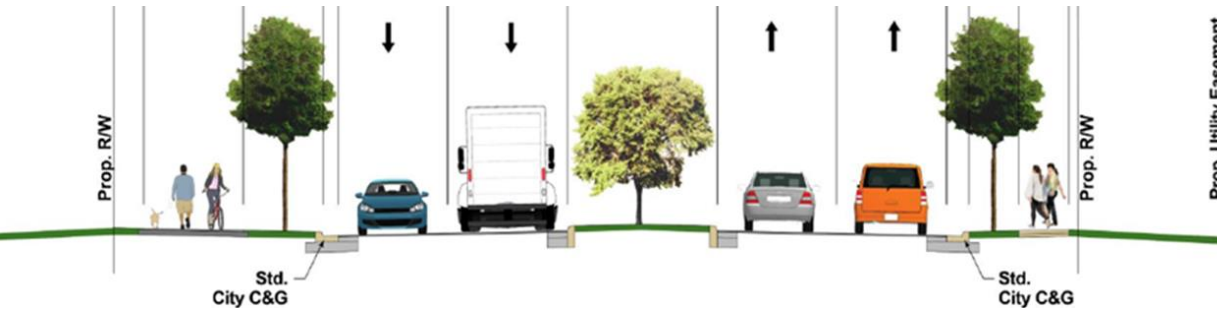
SOURCE: Bolton & Menk, Inc.



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Complete Streets FY26

An investment of **\$21 million in paving, streets, and sidewalks** is now aggregated in a capital project titled Complete Streets.



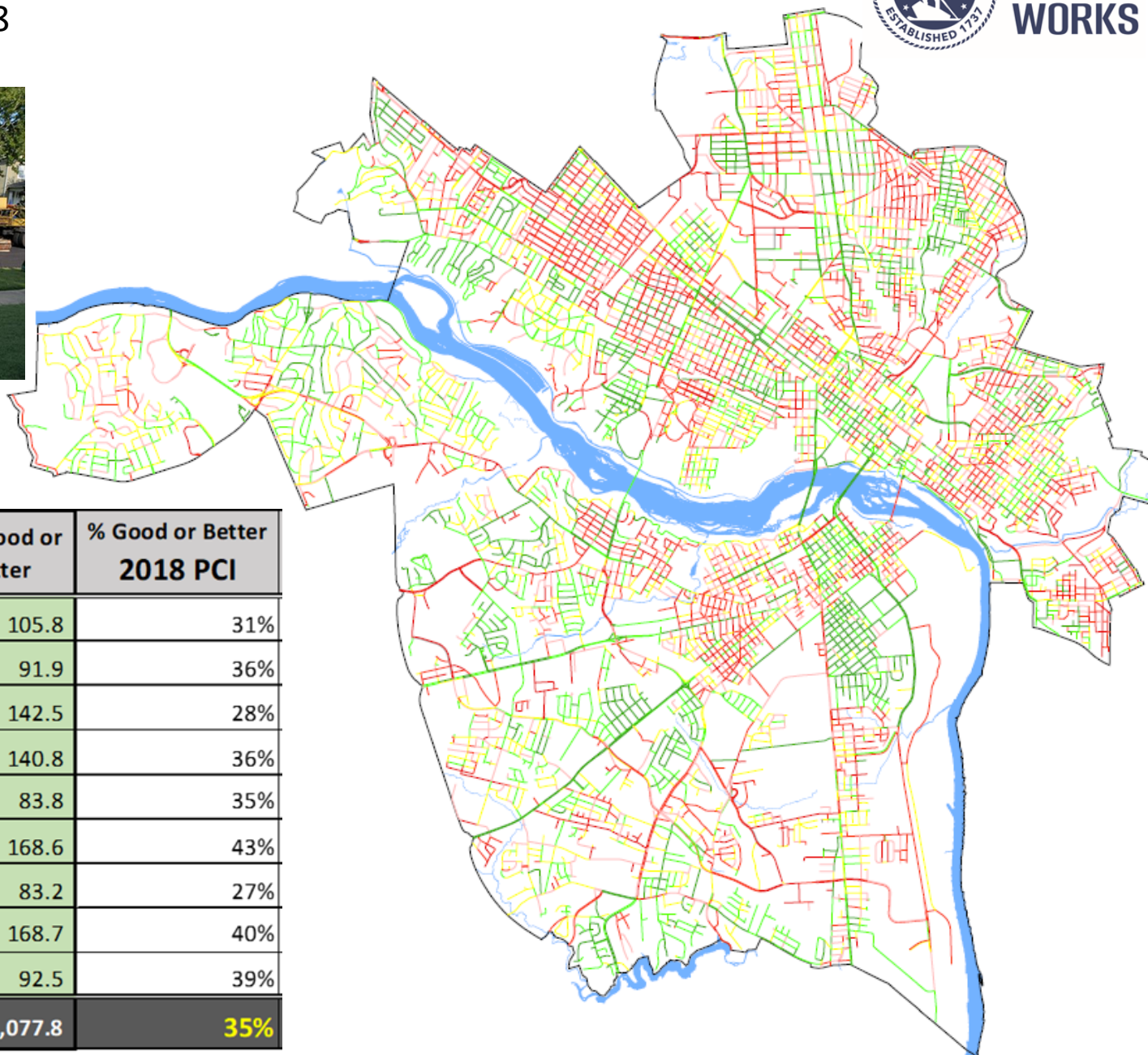
Area of Responsibility	Complete Streets	Description
Paving	\$ 15,000,000	FY25 Milling, Overlay, Heat Scarification, and Slurry Program
TED	\$ 1,500,000	Speed Tables, Traffic Calming, and Traffic Pole Replacement Projects
CIP	\$ 3,000,000	Jahnke Road complete street CIP project
Operations	\$ 1,500,000	Sidewalk Maintenance and CIP Investment.
Total	\$ 21,000,000	

Paving Condition Index (PCI)

City of Richmond 2018



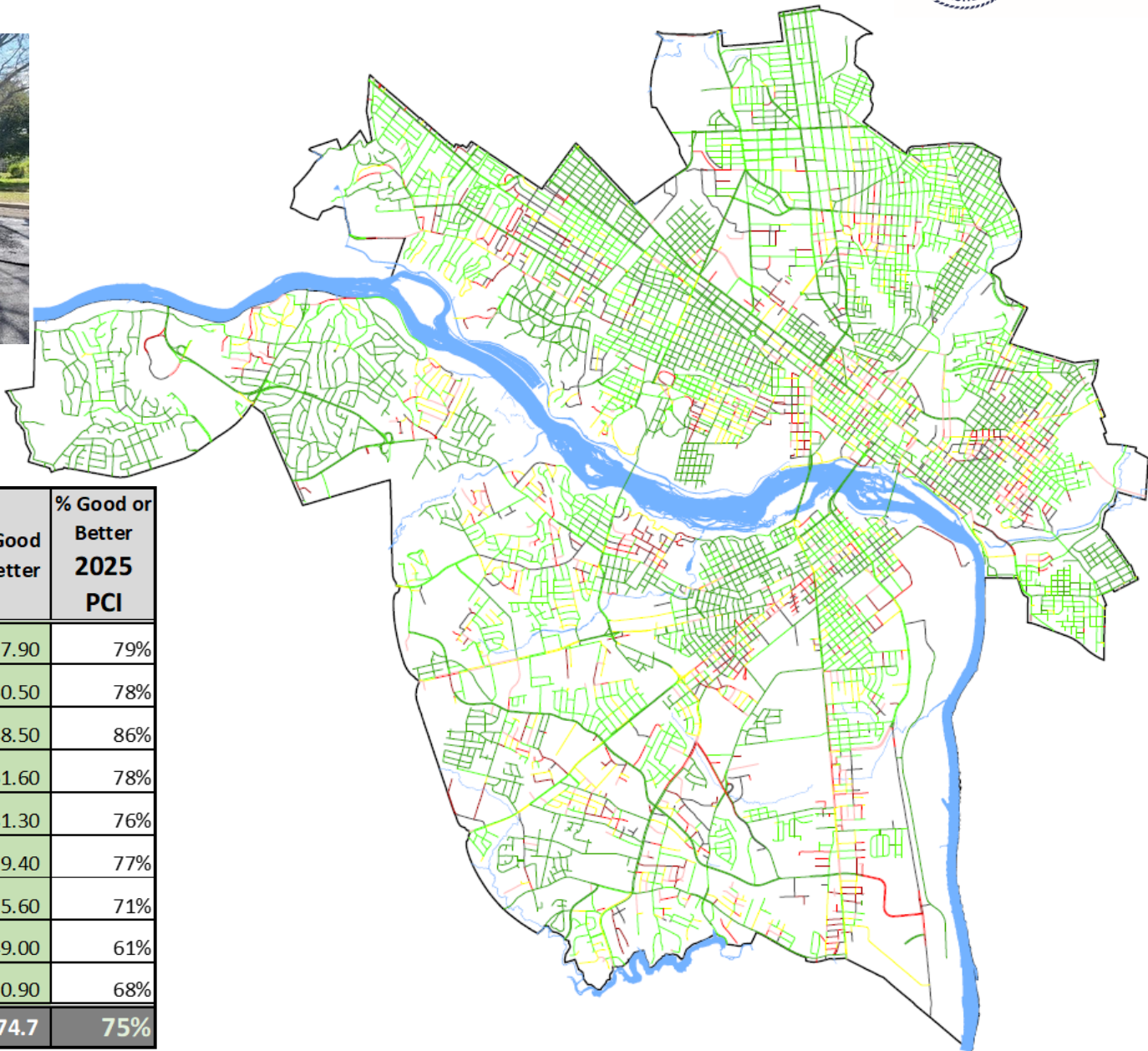
DEPARTMENT OF
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CD	% of the City	LM Good or Better	% Good or Better 2018 PCI
1	11.3%	105.8	31%
2	9.5%	91.9	36%
3	10.7%	142.5	28%
4	13.8%	140.8	36%
5	9.4%	83.8	35%
6	12.5%	168.6	43%
7	8.9%	83.2	27%
8	17.3%	168.7	40%
9	6.7%	92.5	39%
Totals	100.0%	1,077.8	35%

Paving Condition Index (PCI)

City of Richmond 2025



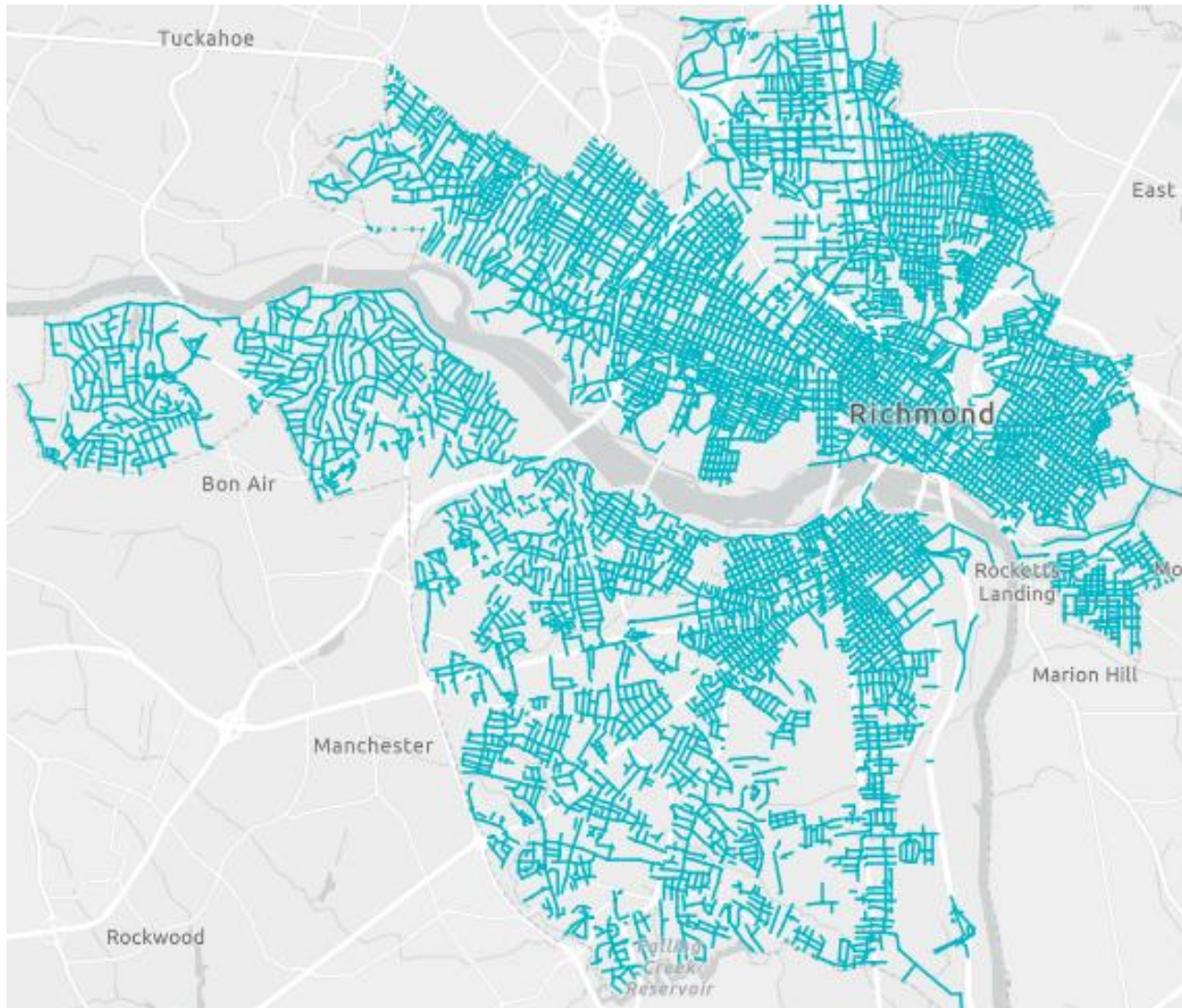
CD	Total	% of the City	LM Good or Better	% Good or Better 2025 PCI
1	302.8	12.0%	237.90	79%
2	206.9	8.2%	160.50	78%
3	290.4	11.5%	248.50	86%
4	334.9	13.3%	261.60	78%
5	238.4	9.5%	181.30	76%
6	311.6	12.4%	239.40	77%
7	246.8	9.8%	175.60	71%
8	405.6	16.1%	249.00	61%
9	177.2	7.0%	120.90	68%
Totals	2,514.6	100.0%	1,874.7	75%

City of Richmond

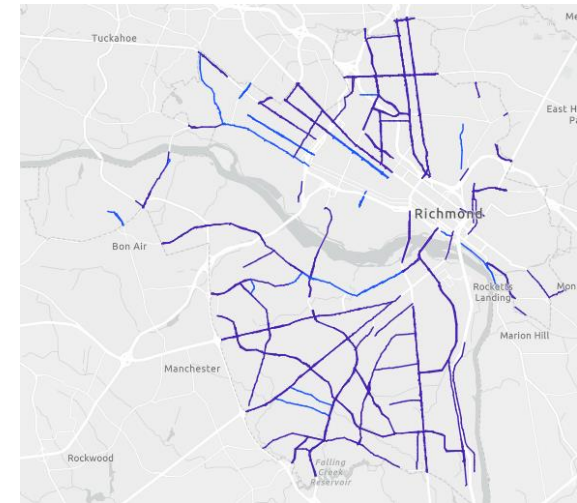
Speed Limit Database



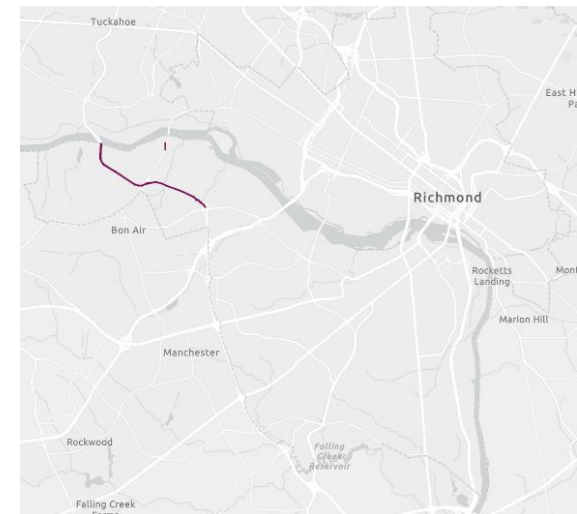
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Posted 25 MPH Street Sections



Posted 30-35 MPH



Posted 45 MPH
Chippenham Parkway

Citywide 2025 Speed Management Study

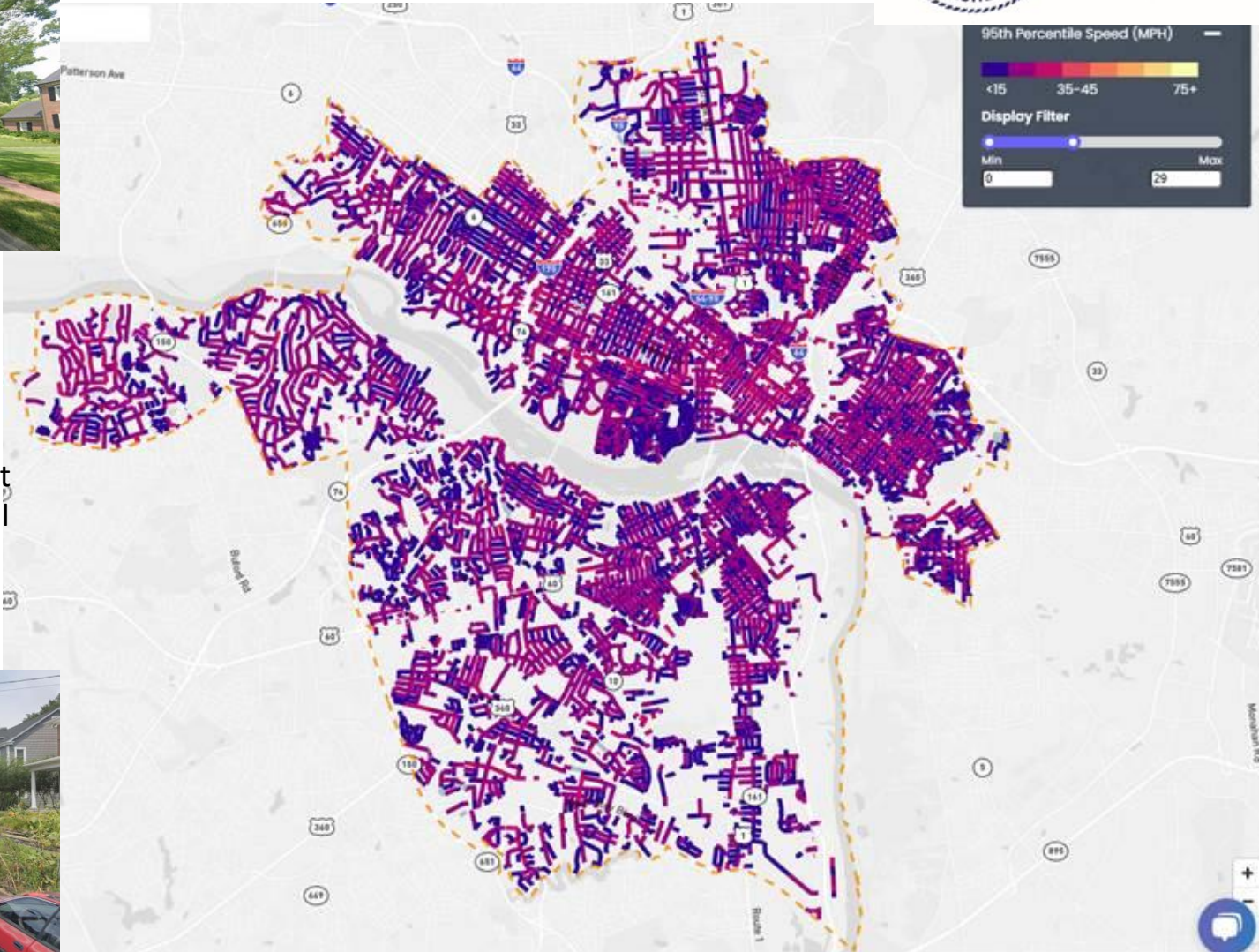
95th Percentile Data (*UrbanSDK*)



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This illustration is indicating that **95%** of the people are driving at or below the designed speed for these streets. These are the areas where neighborhood request come from for the occasional speeder that can have negative impacts especially on perception.



Street Design is accurate and 95% of the people are driving at or below the designed speed limit

Citywide 2025 Speed Management Study

85th Percentile Data (*UrbanSDK*)



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This illustration is indicating that **85%** of the people are driving at or below the designed speed for these streets, MEANING 15% are driving TOO FAST...WHY, because the road is designed for a higher speed. THIS is where we are trying to re-design and engineer the High Injury Network to reduce serious injuries and fatalities.

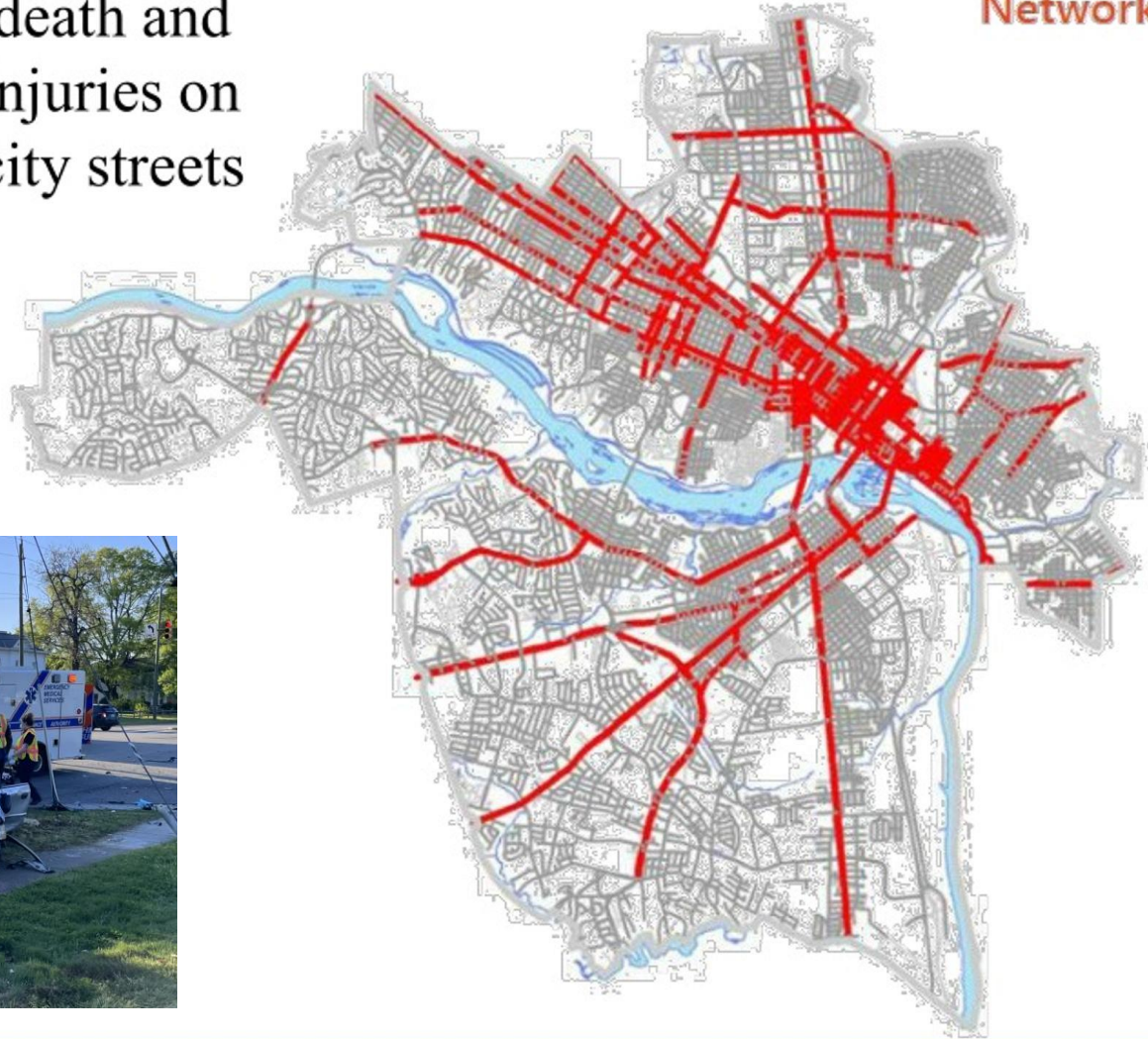


Street design undergoing modifications to change the vantage point of the driver

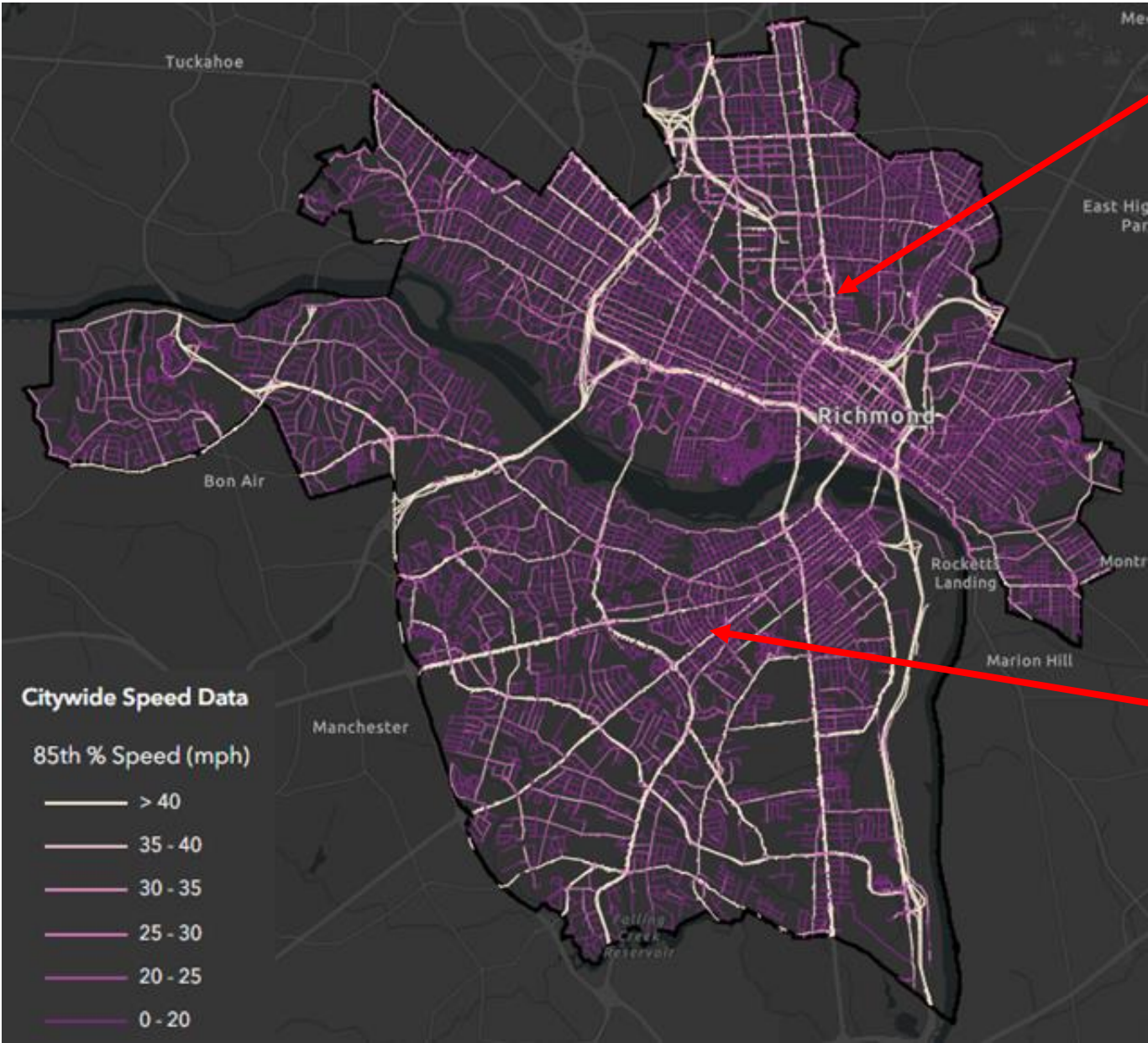
High Injury Street Network

58% of death and serious injuries on 16% of city streets

Richmond High Injury Street Network Map



Citywide Speed Data



Street Name: Chamberlayne Pkwy	
Posted Speed Limit	Functional Classification
35 mph	Principal Arterial
50th Percentile Speed	85th Percentile Speed
35.1 mph	42.3 mph
95th Percentile Speed	
46.2 mph	

Completed FY25 on Chamberlayne
Signalization NEW Upgrades Bacon and School Streets \$750,000 and \$400,000 respectively



Street Name: Hull St	
Posted Speed Limit	Functional Classification
35 mph	Principal Arterial
50th Percentile Speed	85th Percentile Speed
36.8 mph	44.1 mph
95th Percentile Speed	
48.7 mph	

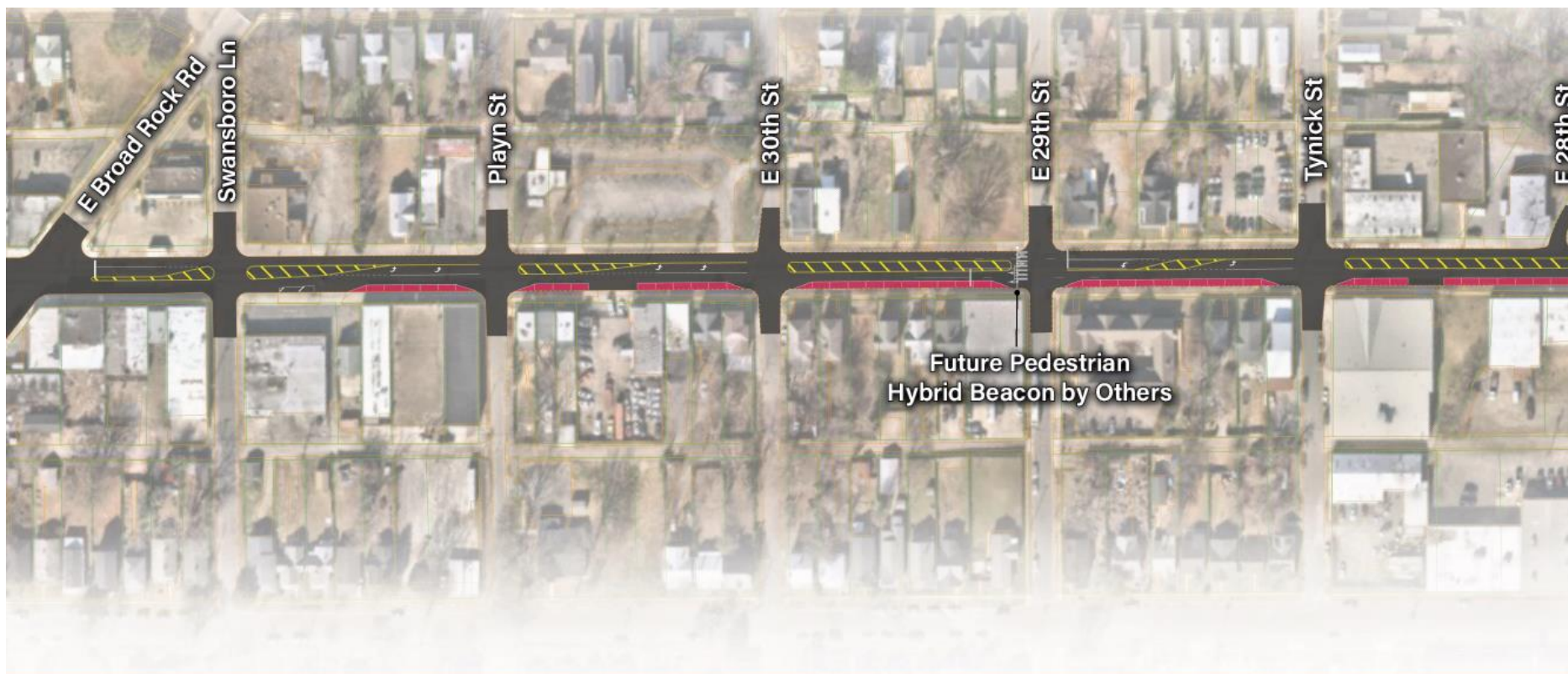




Hull Street Paving and Traffic Calming



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Proposed Section C

Hull Street- Roadway Reconfiguration Project

Disclaimer: The proposed Rendering Views shown herein are artistic representations of the proposed development and/or structures. These views are based on currently available information and are not actual representations of the proposed building, and shall not be relied upon for construction. The proposed views were prepared utilizing the most current technology, software, and computer and field based survey information.





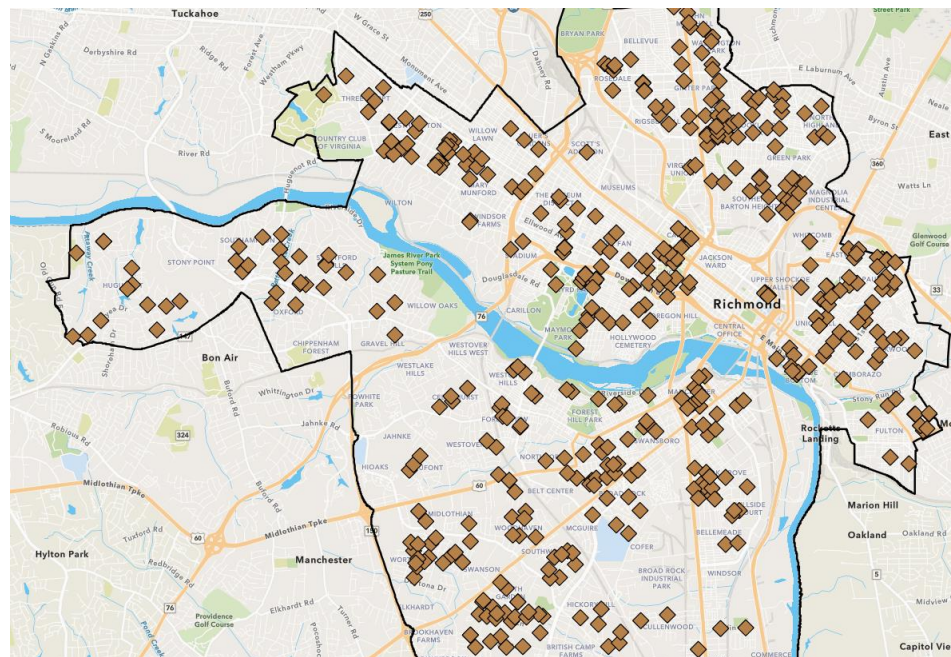
Citywide Neighborhood Traffic Calming

Speed Tables and Raised Crosswalks



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Speed Tables Citywide	
CD	Total
1	41
2	20
3	63
4	41
5	54
6	41
7	43
8	40
9	43
Total	386

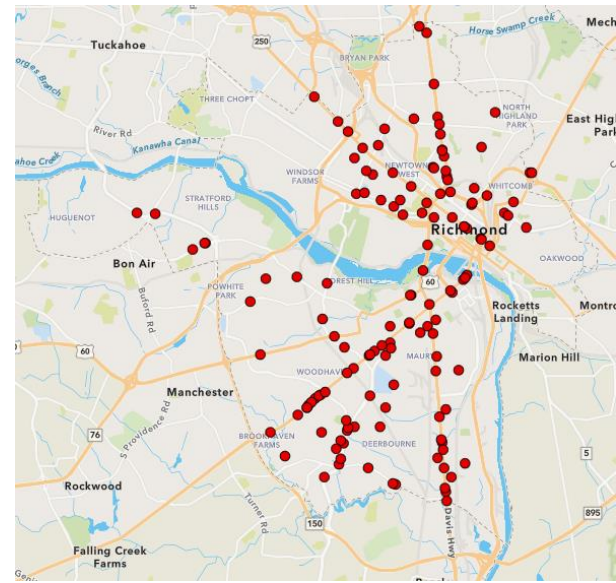


Speed tables are implemented to reduce vehicle speeds and improve pedestrian safety, especially in areas with high pedestrian traffic.

City of Richmond Accidents

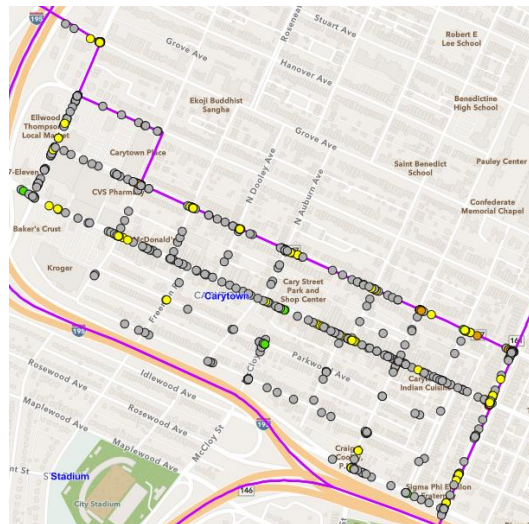
VDOT Accident Report

Calendar Year	Vehicular Occurrences					Total Accidents per Year
	Severe Injury	Visible Injury	Nonvisible Injury	Fatal Injury	Property Only	
2017	124	1,035	98	15	3,070	4,342
2018	144	1,081	138	12	3,398	4,773
2019	139	1,226	180	11	3,302	4,858
2020	121	926	179	19	2,749	3,994
2021	174	940	86	13	3,126	4,339
2022	150	986	117	25	3,039	4,317
2023	152	959	353	24	2,744	4,232
2024	146	984	151	17	2,871	4,169
2025	19	120	6	3	383	531
Totals	1,169	8,257	1,308	139	24,682	35,555



Citywide Fatal Accidents: 139

Citywide Fatalities: 141



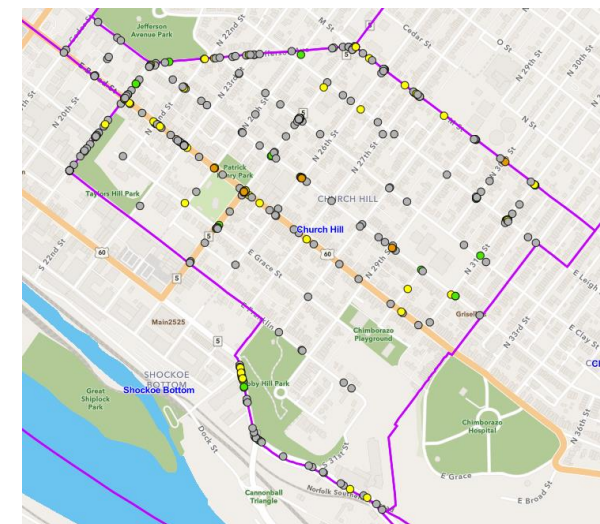
Carytown 619 Accidents

80.1% PDO, 2.6% KA



Woodland Heights 248 Accidents

68.5% PDO, 4.0% KA



Church Hill 381 Accidents

74.0% PDO 2.1% KA

Department of Public Works Fiscal Forecast

Engineering, Planning, Operations and Maintenance



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Category	FY25	FY26	FY27	FY28	FY29	Total
State Maintenance	\$ 38,000,000	\$ 38,000,000	\$ 38,000,000	\$ 38,000,000	\$ 38,000,000	\$ 190,000,000
CVTA Local	\$ 18,800,000	\$ 18,800,000	\$ 18,800,000	\$ 18,800,000	\$ 18,800,000	\$ 94,000,000
CVTA Regional						\$ 105,896,993
Federal / State	\$ 38,863,427	\$ 71,367,971	\$ 40,455,951	\$ 51,709,828	\$ 52,678,014	\$ 255,075,191
GO Bond	\$ 38,417,782	\$ 30,742,000	\$ 27,370,000	\$ 27,970,000	\$ 32,029,000	\$ 156,528,782
VDOT Work	\$ 22,906,000	\$ 22,725,000	\$ 10,800,000	\$ 20,070,000	\$ 6,728,000	\$ 83,229,000
Previous SYIP Allocations						\$ 280,414,000
Totals	\$ 156,987,209	\$ 181,634,971	\$ 135,425,951	\$ 156,549,828	\$ 148,235,014	\$ 1,165,143,966





DEPARTMENT OF
**PUBLIC
WORKS**

Alternative Funding Methods



City Awarded \$8,859,934 Virginia Highway Safety Improvement Program Grant

- Up to 772 high visibility signal backplates (HVSb) at 277 signal-controlled intersections
- Up to 338 high visibility crosswalks at 131 signal-controlled intersections
- Up to 255 flashing yellow arrow signal heads at 81 signalized intersections.
- Up to 200 stop-controlled intersections will have new regulatory and warning signs as well as pavement markings for stop lines and corner clearance marks
- Up to 10 intersections with left turn hardening measures

City awarded additional \$10.77 Million Safe Streets and Roads for All Grant

- A. Retroreflective Backplates
- B. Flashing Yellow Arrows (FYA)
- C. LED Street Lights
- D. Unsignalized Intersection Infrastructure
- E. Red Light Enforcement Cameras
- F. Pedestrian Hybrid Beacons
- G. Transit Stop Americans with (ADA) Accessibility
- H. Permanent Bike Lane Separation
- I. Intersection Improvements



\$5.86M US DOT Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant

Department of Public Works

Major Streetscape Construction Projects



Streetscape Projects

A streetscape project is a program that aims to improve the design and conditions of a street to accommodate the needs of all users.

Streetscape projects can include a variety of improvements, such as:

- Roadway: Narrowing of travel lanes for traffic calming
- Sidewalks: Widening sidewalks and improving connectivity
- Lighting: Upgrade and increasing of street lighting
- Landscaping: Adding trees or other landscaping
- Street furniture: Adding benches, garbage cans, etc.
- Signage: Improving way-finding, directional, or regulatory signage
- Bicycling infrastructure: Adding bicycle lanes
- Street crossing safety: High Visibility Crosswalks
- Traffic calming: Speed Tables, Bump Outs, Narrowing ROW



PROJECT	TOTAL PROJECT	Category Tabulation
Belvidere Street Gateway- Phase IV, Rowe St Section A, Idle	\$718,000.00	\$21,826,862.00
Biotech Phase 3 (VBTP Streetscape)	\$1,220,000.00	
Hull Street Streetscape PE & CN (Landscape, Lighting, Signa	\$4,061,000.00	
Jefferson Ave. Improvements -Phase II	\$1,395,000.00	
Leigh Street Streetscape	\$6,608,000.00	
Maury StreetScape Project	\$4,618,000.00	
Nicholson Street Streetscape	\$1,292,000.00	
North Patterson Ave	\$302,862.00	
Richmond Highway Phase II	\$0.00	
Scotts Addition BRT Street Scape Project	\$1,612,000.00	



Department of Public Works

Multi-modal Crossing Improvements



Intersection and multi-modal crossing upgrades can improve safety and traffic flow for pedestrians, bicyclists, and drivers. Some common upgrades include

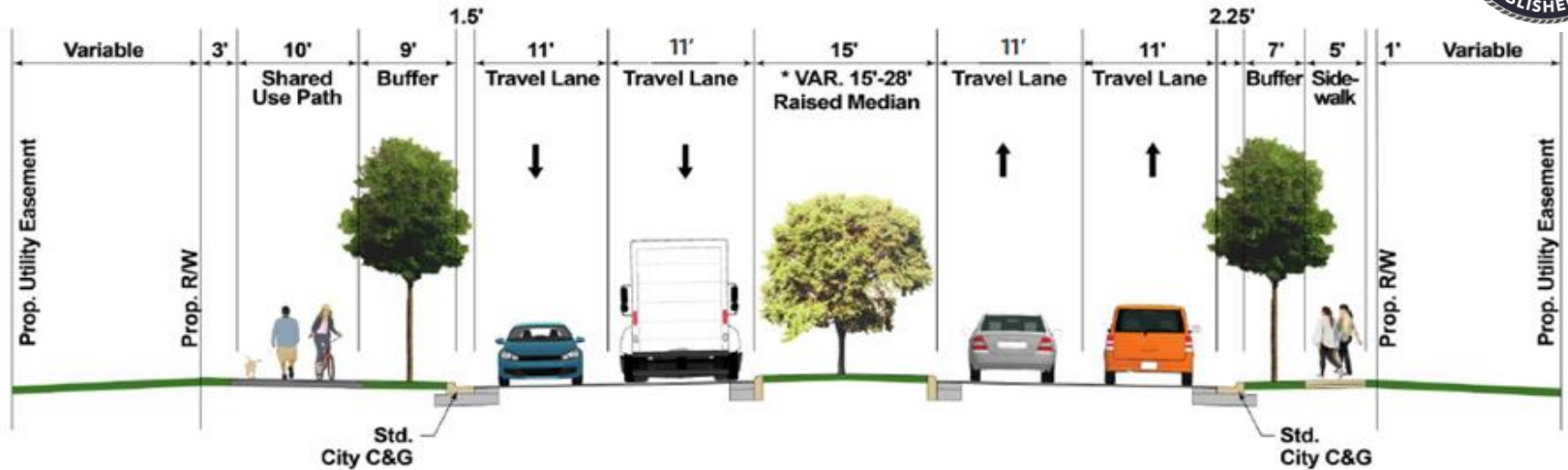
- **Improved visibility**
- **Raised intersections**
- **Improved signal timing**
- **Better bicycle facilities**



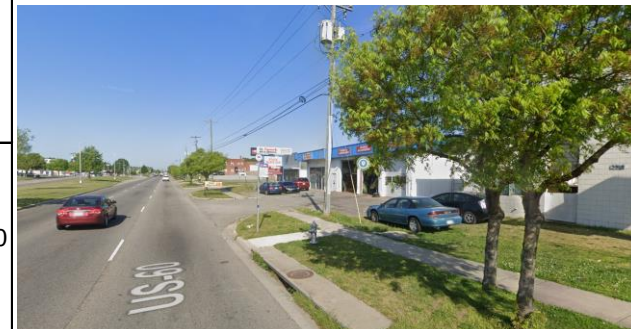
PROJECT	TOTAL PROJECT	Category Tabulation
21st St @ Main St Traffic Signal Upgrade	\$375,000.00	\$59,402,083.00
32nd St @ Midlothian Tpke	\$425,000.00	
7th St @ Hospital St New Traffic Signal	\$975,000.00	
Automated Traffic Signal Performance Measures (ATSPM)	\$7,424,000.00	
Belt Blvd & Hull St Hull Street (Bus Transfer Center) - Pedestr	\$1,555,352.00	
Broad St @ Commonwealth Ave Traffic Signal Upgrade	\$425,000.00	
Brook Rd @ Westbrook Ave Traffic Signal Improvements	\$500,000.00	
Chamberlayne Ave @ Bacon St New Traffic Signal	\$750,000.00	
Chamberlayne Ave @ School St Traffic Signal Upgrade	\$400,000.00	
Cumberland St @ Laurel St New Traffic Signal	\$460,000.00	
E Main St./Williamsburg Ave. Intersection Improvement	\$2,370,000.00	
Forest Hill Ave @ Bainbridge St/Broad Rock Rd Traffic Signal	\$375,000.00	
HVSB Systemic Improvements - Signal Controlled Intersection	\$4,737,000.00	
Malvern Ave @ Cary St Traffic Signal Improvements	\$500,000.00	
New Traffic Control Signals	\$2,111,818.00	
Patterson Ave @ Pepper Ave New Traffic Signal	\$400,000.00	
Patterson Ave @ St. Christopher Rd New Traffic Signal	\$400,000.00	
Richmond Highway - Rte 1 Intersection Improvement Harwood	\$11,637,000.00	
Richmond Signal System (RSS) Smart City Traffic Signals Co	\$7,266,535.00	
Richmond Signal System Phase IV - Remote Control	\$10,383,000.00	
Semmes Avenue Forest Hill Int./Ped. Safety UPC: 113445 & 1	\$2,397,990.00	
Systemic Improvements - Stop Controlled Intersections	\$3,534,388.00	

Department of Public Works

Bridge Replacement and Complete Streets Projects



PROJECT	TOTAL PROJECT	Category Tabulation
Arthur Ashe Blvd Bridge Replacement	\$23,000,000.00	\$64,134,879.00
Columbia St over Goodes Creek structure replacement	\$1,600,000.00	
E. Broad St over Abandoned RR spur	\$3,965,009.00	
E. Richmond Rd over Gillies Crk Bridge Replacement	\$1,800,000.00	
E. Richmond Rd over Stony Run Bridge Replacement	\$1,852,870.00	
Hull St over Manchester Canal	\$9,176,000.00	
Lombardy St over CSX Bridge replacement	\$15,941,000.00	
Lynhaven Ave over Broad Rock Creek Bridge Replacement	\$1,100,000.00	\$80,546,000.00
Martin Luther King Bridge Repairs	\$5,700,000.00	
Hey Road Improvements	\$1,600,000.00	
Hull Street Improvements - VDOT Phase I	\$33,100,000.00	
Jahnke Road Improvement - PE, RW & CN	\$14,000,000.00	
Shockoe Valley Streets Improvement Project	\$31,846,000.00	



	UPC	Description	Estimate	Previous	FY25	FY26	FY27	FY28	FY29	FY30	FY26-30	Balance
			(Values in Thousands of Dollars)									
27	109310	#HB2.FY17 SHOCKOE VALLEY ST IMPROVEMENT	\$ 45,498	\$ 40,093	\$ 150	\$ 1,800	\$ 5,133	\$ 1,734			\$ 8,667	\$ (3,411)
42	15958	COMMERCE ROAD - WIDENING	\$ 36,319	\$ 35,992	\$ 327						\$ -	\$ -
19	104888	#SGR23LB - RT 360 - REPLACE MAYO BRIDGE	\$ 143,500	\$ 29,521	\$ 15,371	\$ 20,248	\$ 8,699	\$ 9,626	\$ 4,602		\$ 43,175	\$ 55,433
25	15959	#SMART18 - I US360 HULL STREET SAFETY / OPS IMPROVE PHASE I	\$ 33,319	\$ 24,841	\$ 5,114	\$ 3,364	\$ 1,000				\$ 4,364	\$ (1,000)
26	104216	#SMART20 - CSX BRIDGE REPLACEMENT LOMBARDY STREET	\$ 21,685	\$ 19,358		\$ 2,328					\$ 2,328	\$ -
16	T203	REGIONWIDE AIR POLLUTION REDUCTION PROGRAM - RIDEFINDERS	\$ 15,153	\$ 17,188	\$ 500	\$ 500	\$ 500				\$ 1,000	\$ (3,535)
22	15955	RTE 1 - INTERSECTION IMPROVEMENTS AT HOPKINS RD & HARWOOD ST	\$ 15,325	\$ 15,325	\$ 2,186						\$ -	\$ (2,186)
43	19035	JAHNKE ROAD - 2 LANE IMPROVEMENTS	\$ 22,381	\$ 15,080	\$ 3,000						\$ -	\$ 4,301
8	118303	#SGR21VB - RTE 147 OVER I-195 - MINOR REHAB - FED ID 21519	\$ 18,143	\$ 11,745			\$ 619				\$ 619	\$ 5,778
18	118484	#SGR21VB - 7TH ST OVER I-95 - SUPER REPL - FED ID 21289	\$ 11,038	\$ 11,038							\$ -	\$ -
13	111300	#SGR18VB - BRIDGE REHAB 1ST STREET OVER I-95	\$ 11,146	\$ 10,681	\$ 466						\$ -	\$ -
7	119598	#SMART22 -A TO P TRAIL US 1 WALMSLEY TO BELLEMEADE #FLT	\$ 16,171	\$ 8,802	\$ 1,493	\$ 5,263	\$ 613				\$ 5,876	\$ -
11	113290	#SGR21LB RTE 360(HULL ST)-REPL BRIDGE OVER MANCHESTER CANAL	\$ 10,761	\$ 8,004	\$ 1,945	\$ 436	\$ 376				\$ 812	\$ -
44	104281	DEEPWATER TERMINAL RD - EXTEND EXISTING ROADWAY	\$ 8,693	\$ 7,411		\$ 1,300					\$ 1,300	\$ (18)
30	118946	#SMART22 - COMMERCE ROAD STREETScape #FLT	\$ 12,441	\$ 5,970	\$ 1,695	\$ 4,776					\$ 4,776	\$ -
47	118316	#SGR21VB - GROVE AV OVER I195 - MINOR REHAB - FED ID 21310	\$ 17,024	\$ 5,273	\$ 4,883	\$ 1,477					\$ 1,477	\$ 5,391
28	111703	#SMART18 - US360 HULL ST STREETScape, 9TH ST - MAYO BRIDGE	\$ 4,567	\$ 4,061	\$ 506						\$ -	\$ -
15	118944	#SMART22 - ROUTE 1 PHASE II IMPROVEMENTS	\$ 13,242	\$ 2,817	\$ 3,231	\$ 5,637	\$ 1,557				\$ 7,194	\$ -
31	124131	AUTOMATED TRAFFIC SIGNAL PERFORMANCE MEASURES (ATSPM)	\$ 7,424	\$ 1,488	\$ 2,979	\$ 1,479	\$ 1,479				\$ 2,957	\$ -
46	115416	#SMART20 SHOCKOE BOTTOM BRT STATION PED SAFETY/STREETScape	\$ 4,900	\$ 1,278	\$ 50	\$ 2,772	\$ 800				\$ 3,572	\$ -
29	121391	HULL STREET IMPROVEMENTS PHASE II CHIPPENHAM TO HEY RD	\$ 10,547	\$ 1,000			\$ 1,605	\$ 1,605			\$ 3,209	\$ 6,338
45	115410	#SMART20 - RIVERFRONT/ORLEANS BRT STATION PED SAFETY/STREETS	\$ 2,057	\$ 800	\$ 657	\$ 600					\$ 600	\$ -
12	115200	HULL STREET IMPROVEMENT PROJECT PHASE III	\$ 11,664	\$ 727	\$ 1,213		\$ 5,304	\$ 3,778	\$ 5,945		\$ 15,028	\$ (5,304)
14	115555	#SMART20 - SCOTT'S ADD BRT STATION PED SAFETY/STREETScape	\$ 1,612	\$ 600	\$ 12	\$ 1,000					\$ 1,000	\$ -
3	125351	MAYMONT AREA SIDEWALKS PHASE III	\$ 900	\$ 359	\$ 272	\$ 269					\$ 269	\$ -
2	125350	CARNATION ST SIDEWALK PHASE II	\$ 873	\$ 349	\$ 262	\$ 262					\$ 262	\$ -
1	125349	PATTERSON AVE. BIKE LANES	\$ 764	\$ 279	\$ 276	\$ 209					\$ 209	\$ -
4	125352	CARY ST SIDEWALK IMPROVEMENTS	\$ 586	\$ 235	\$ 176	\$ 176					\$ 176	\$ -
24	121014	CHIMBORAZO PARK SIDEWALK IMPROVEMENTS	\$ 446	\$ 50	\$ 198	\$ 198					\$ 198	\$ -
5	125655	RICHMOND CITY SAFE ROUTES TO SCHOOL	\$ 130	\$ 49	\$ 49	\$ 65					\$ 65	\$ (33)
6	125640	RICHMOND SIGNAL SYSTEM SMART CITY TRAFFIC SIGNALCONTROLLERS	\$ 6,379		\$ 1,148		\$ 2,374	\$ 1,350	\$ 1,345	\$ 1,050	\$ 6,118	\$ (888)
41	125641	GILLIES CREEK GREENWAY PHASE IV	\$ 1,305		\$ 722		\$ 384	\$ 384			\$ 768	\$ (185)
20	121407	JEFFERSON AVENUE IMPROVEMENTS	\$ 1,396		\$ 704	\$ 691	\$ 1,095	\$ 1,095			\$ 2,882	\$ (2,190)
49	123019	HVSB SYSTEMIC IMPROVEMENTS - SIGNAL CONTROLLED INTERSECTIONS	\$ 4,737		\$ 500	\$ 4,228	\$ 9				\$ 4,237	\$ -
23	125369	#SGR25LP - BELLS ROAD	\$ 478		\$ 478						\$ -	\$ -
35	125370	#SGR25LP - COMMERCE ROAD	\$ 400		\$ 400						\$ -	\$ -
34	125368	#SGR25LP - BROAD ROCK ROAD	\$ 482		\$ 373	\$ 109					\$ 109	\$ -
48	123018	SYSTEMIC IMPROVEMENTS - STOP CONTROLLED INTERSECTIONS	\$ 3,534		\$ 306	\$ 3,206	\$ 22				\$ 3,228	\$ -
33	125367	#SGR25LP - COMMERCE ROAD	\$ 166		\$ 166						\$ -	\$ -
50	123020	SYSTEMIC IMPROVEMENTS - LEFT TURN LANE HARDENING	\$ 589		\$ 150	\$ 439					\$ 439	\$ -
9	118941	#SMART22 - BROAD STREET STREETScape W/ PULSE BRT EXPANSION	\$ 26,803			\$ 1,000	\$ 1,500	\$ 10,910	\$ 13,394		\$ 26,803	\$ -
10	124712	#SMART24 - BROAD ST STREETScape W/ PULSE BRT EXP PHASE III	\$ 23,853			\$ 1,000	\$ 1,482	\$ 10,444	\$ 2,126		\$ 15,053	\$ 8,800
21	124717	#SMART24 - CLAY STREET STREETScape IMPROVEMENTS	\$ 18,771			\$ 889	\$ 3,377	\$ 4,649	\$ 9,856		\$ 18,771	\$ -
52	124718	#SMART24 - HULL STREET SHARED USE PATH IMPROVEMENTS	\$ 11,027			\$ 776	\$ 805	\$ 4,335	\$ 2,111		\$ 8,027	\$ 3,000
51	124713	#SMART24 - GILLIES CREEK GREENWAY	\$ 5,341			\$ 448	\$ 894	\$ 1,527	\$ 2,472		\$ 5,341	\$ -
36	125534	SYSTEMIC IMPROVEMENTS - RAISED CROSSINGS/LEFT TURN LANE HARD	\$ 3,603			\$ 349	\$ 2,905	\$ 348			\$ 3,603	\$ -
37	125535	SYSTEMIC IMPROVEMENTS - STOP CONTROLLED INTERSECTIONS	\$ 3,182			\$ 310	\$ 2,562	\$ 310			\$ 3,182	\$ -
17	125838	#SGR24LB - WALMSLEY BLVD OVER GRINDALL CREEK (FED ID 21367)	\$ 4,242			\$ 300	\$ 353	\$ 1,938	\$ 1,651		\$ 4,242	\$ -
38	125536	SYSTEMIC IMPROVEMENTS - SIGNAL CONTROLLED INTERSECTIONS	\$ 1,035			\$ 95	\$ 846	\$ 94			\$ 1,035	\$ -
39	125558	GOVERNMENT ROAD SLOPE REPAIR	\$ 10,836				\$ 776	\$ 1,333			\$ 2,109	\$ 8,727
40	125564	RICHMOND-HENRICO TURNPIKE IMPROVEMENTS	\$ 2,000				\$ 387	\$ 417			\$ 804	\$ 1,196
32	124716	#SMART24 - FALL LINE TRAIL WITH TRANSIT IMPROVEMENTS	\$ 28,213					\$ 13,904	\$ 12,809		\$ 26,713	\$ 1,500
			\$ 656,681	\$ 280,414	\$ 51,958	\$ 67,999	\$ 47,456	\$ 69,781	\$ 56,311	\$ 1,050	\$ 242,597	\$ 81,714

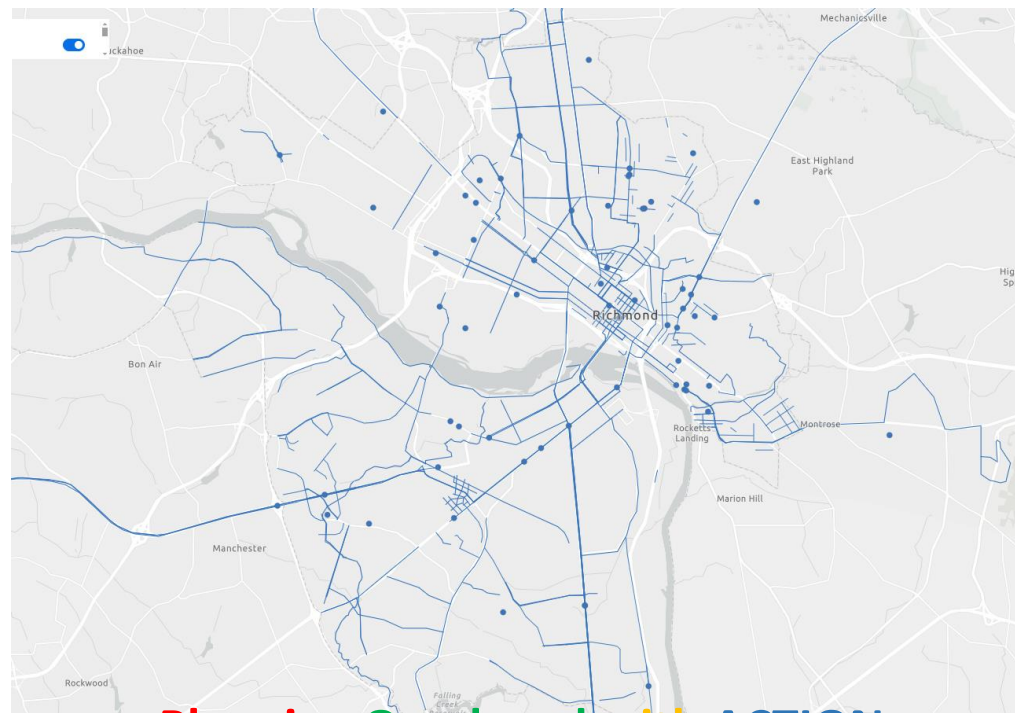


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RICHMOND

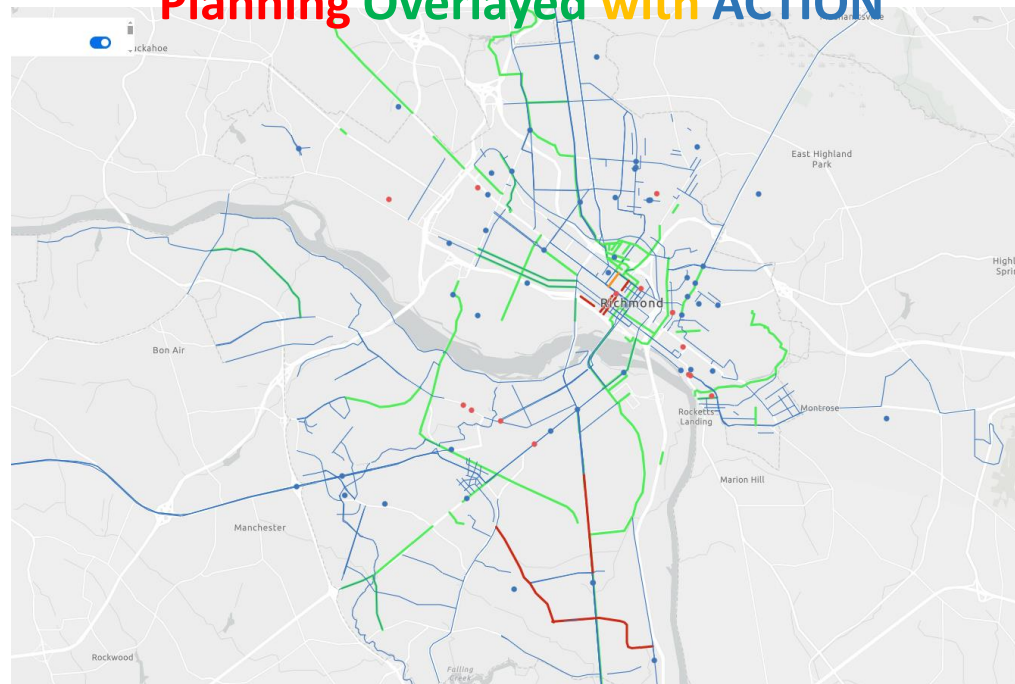


Planning, Transportation, Operations & Maintenance

1. **Rethink** Essential Transit Infrastructure: Bus Stops Dignified as a Placemaking Opportunity
2. **Act Quick**: Responsive Lighter, Quicker, Cheaper projects to address safety NOW
3. **Achieve Spatial Justice** Through Transit: Transportation access is a Civil Right and all Richmonder's deserve access.
4. **Close the Gaps**: Address accessibility and affordability through recommended equity-centered programming and actions
5. **Sidewalks, Sidewalks, Sidewalks**: Restore and close gaps in the sidewalk network as a means of mending the fabric of social connectivity



Planning Overlaid with ACTION





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Informational Tools (RVA.gov)

Neighborhood Traffic Management Program

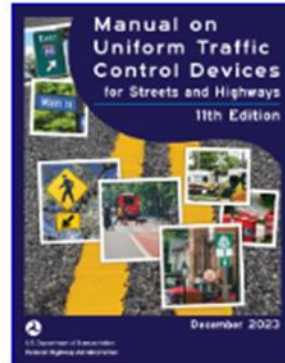
CITY OF RICHMOND



https://rva.gov/sites/default/files/2022-08/NTMP_Final_Report_0325022.pdf



<https://rvaconnects.com/>



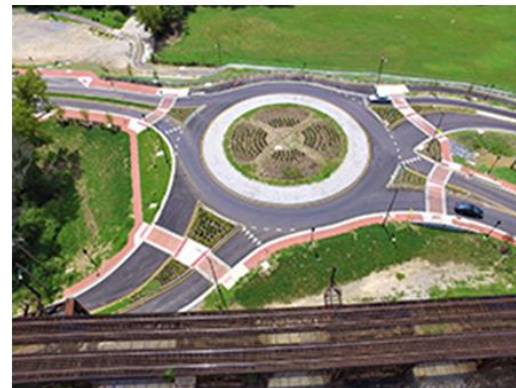
<https://mutcd.fhwa.dot.gov/>



Policy Guide
for Richmond
Connects

<https://rva.gov/public-works/pathtoequity>

Capital Projects (CIP) & Transportation Projects



<https://rva.gov/public-works/construction-projects-road-improvements>



Questions and
Comments

Pavement Condition Rating (PCI)

1st District - City of Richmond



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WORKS**

PCI Scores

- 86 - 100: Good
- 71 - 85: Satisfactory
- 56 - 70: Fair
- 41 - 55: Poor
- 26 - 40: Very Poor
- 11 - 25: Serious
- 0 - 10: Failed



Total Lane Miles

302.79

Good/Satisfactory (LM)

237.9

79%

Fair (LM)

16.9

6%

Poor (LM)

47.9

16%

Pavement Condition Rating (PCI)

2nd District - City of Richmond



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WORKS**

Total Lane Miles

206.99

Good/Satisfactory (LM)

160.5

78%

Fair (LM)

15

7%

Poor (LM)

31.5

15%

PCI Scores

- 86 - 100: Good
- 71 - 85: Satisfactory
- 56 - 70: Fair
- 41 - 55: Poor
- 26 - 40: Very Poor
- 11 - 25: Serious
- 0 - 10: Failed





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WORKS**

Pavement Condition Rating (PCI)

3rd District - City of Richmond



Total Lane Miles

290.33

Good/Satisfactory (LM)

248.5

86%

Fair (LM)

13.9

5%

Poor (LM)

28

10%

PCI Scores

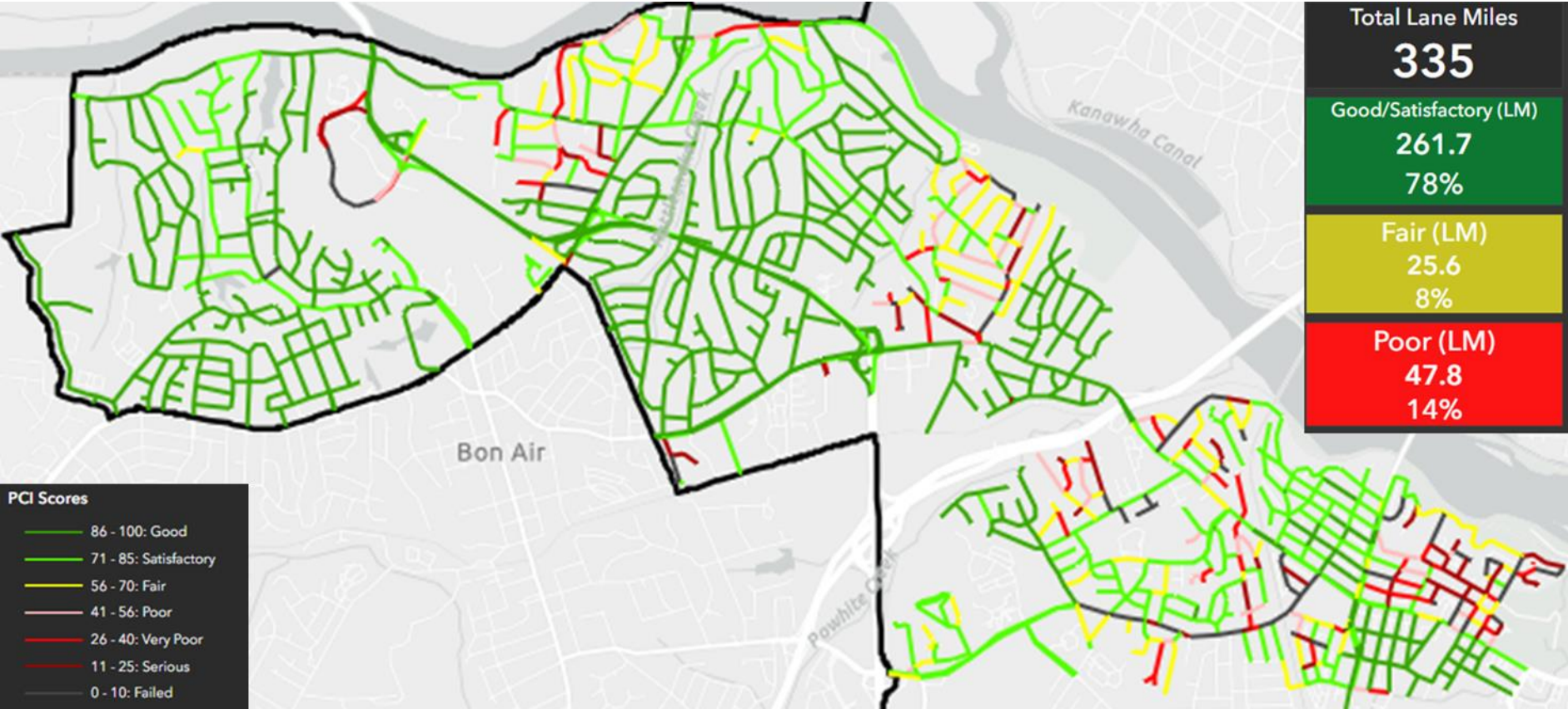
- 86 - 100: Good
- 71 - 85: Satisfactory
- 56 - 70: Fair
- 41 - 56: Poor
- 26 - 40: Very Poor
- 11 - 25: Serious
- 0 - 10: Failed

Pavement Condition Rating (PCI)

4th District - City of Richmond



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WORKS**

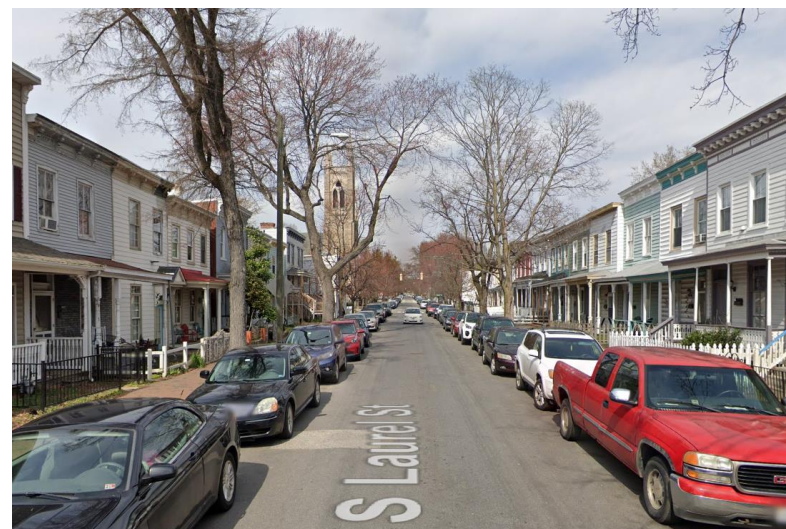
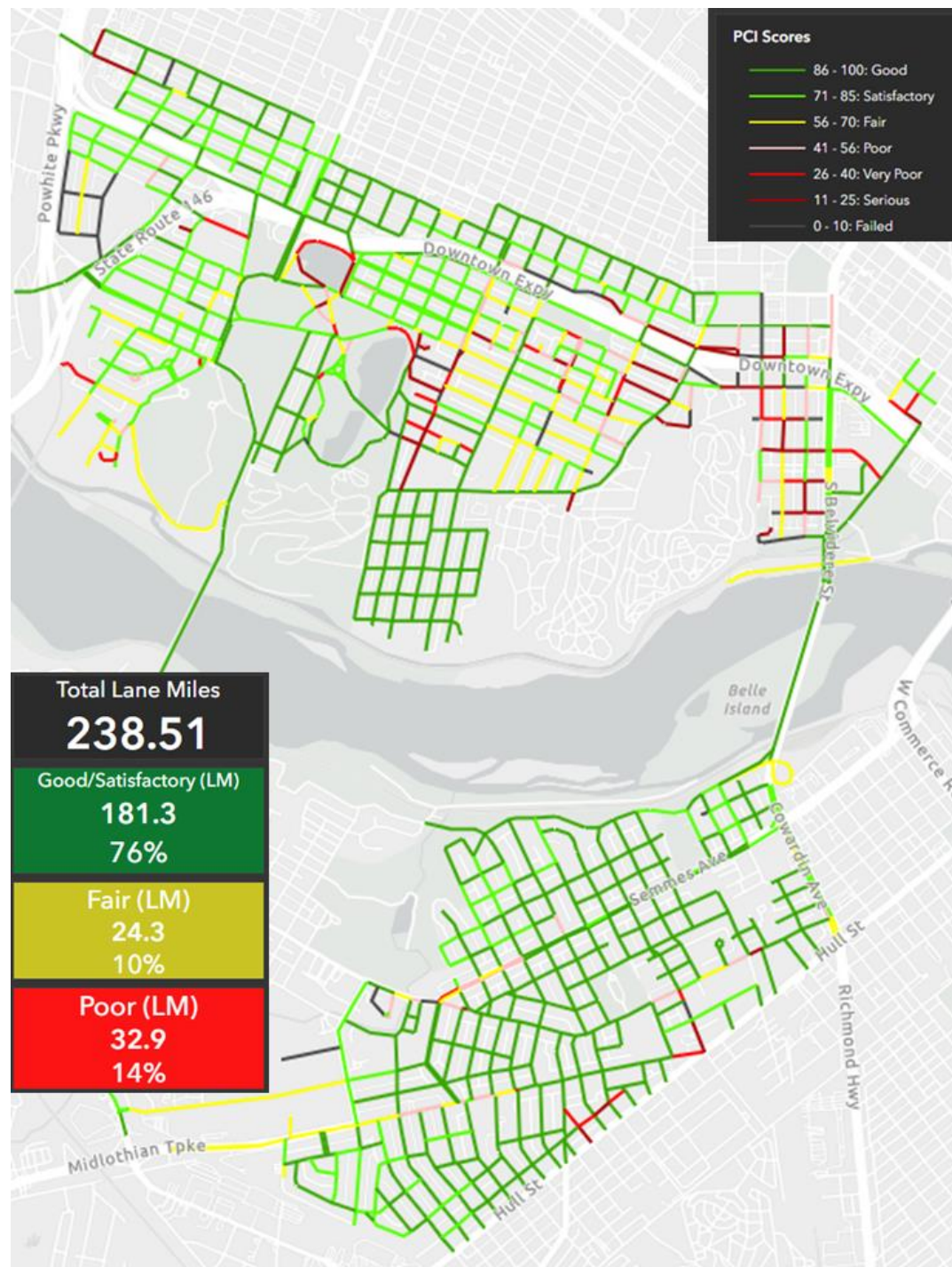




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WORKS**

Pavement Condition Rating (PCI)

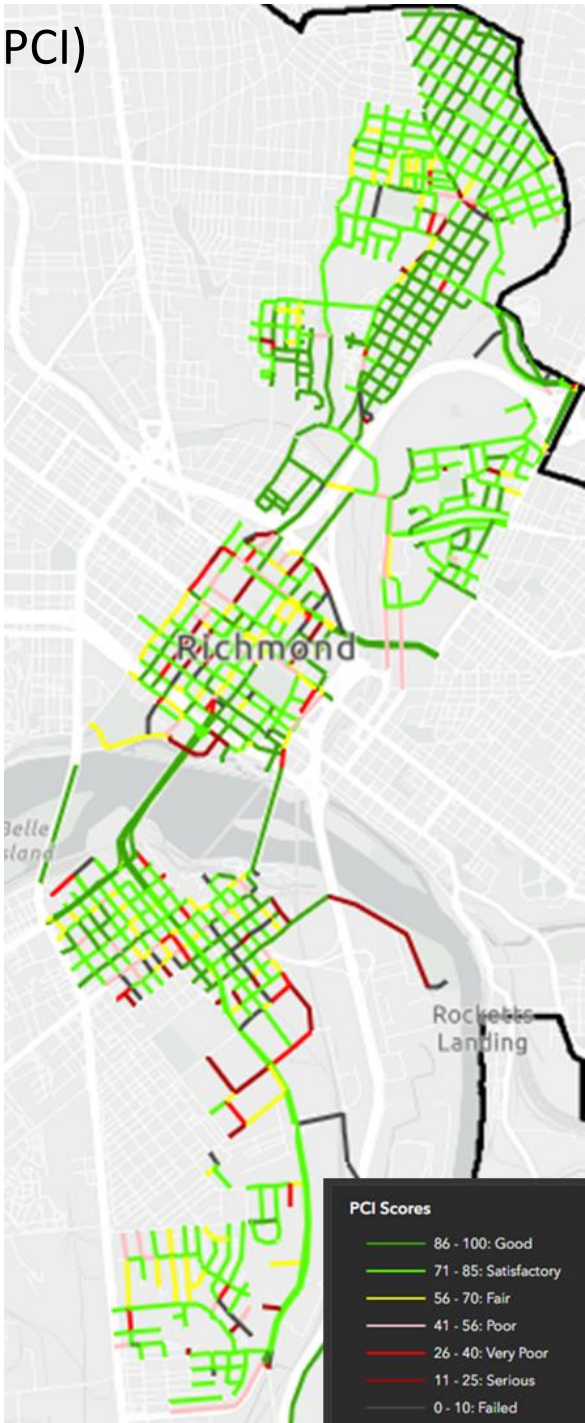
5th District - City of Richmond



Pavement Condition Rating (PCI)

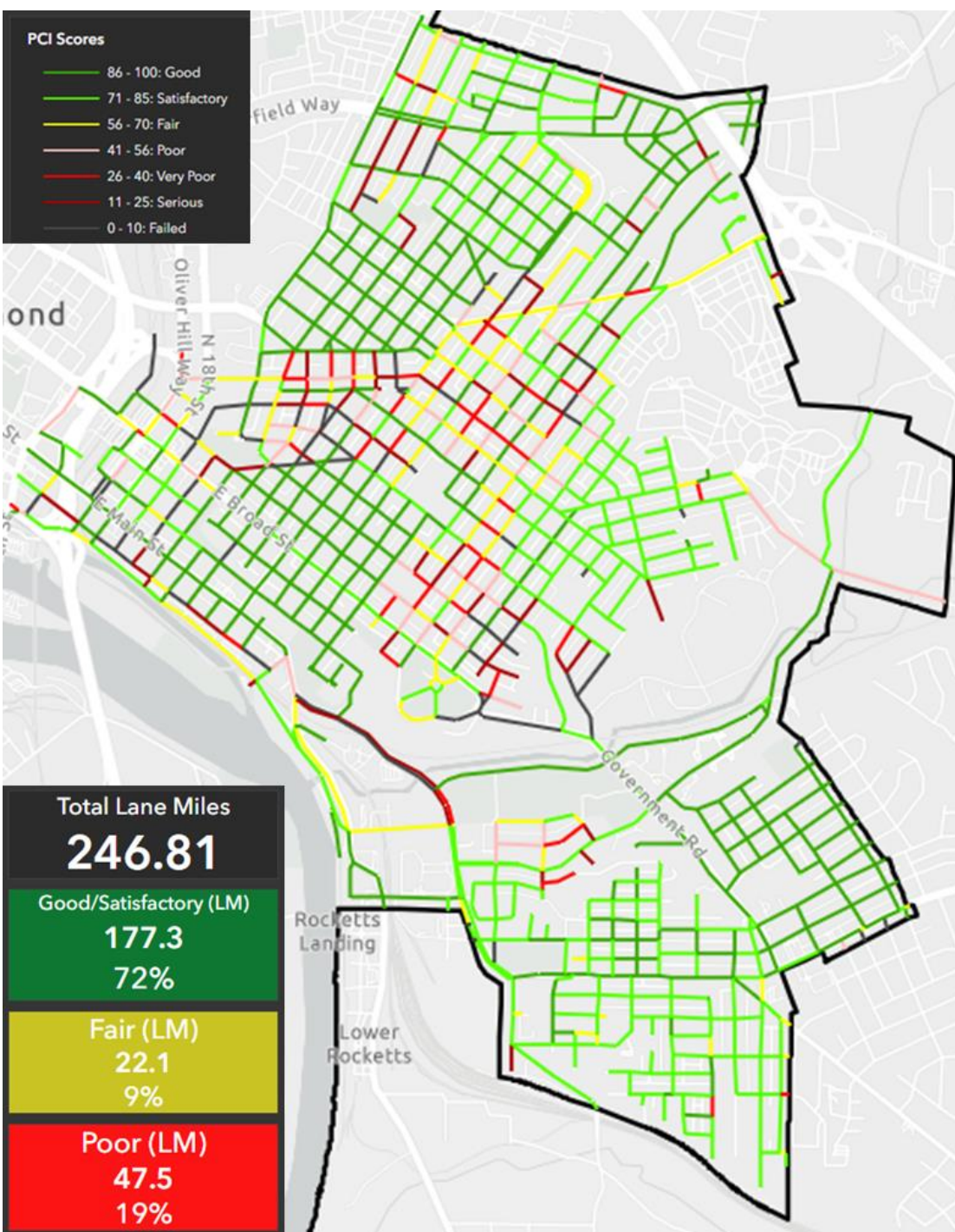
6th District - City of Richmond

Total Lane Miles	
311.7	
Good/Satisfactory (LM)	239.4
	77%
Fair (LM)	25.3
	8%
Poor (LM)	46.9
	15%



PCI Scores

- 86 - 100: Good
- 71 - 85: Satisfactory
- 56 - 70: Fair
- 41 - 55: Poor
- 26 - 40: Very Poor
- 11 - 25: Serious
- 0 - 10: Failed



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Pavement Condition Rating (PCI)

7th District - City of Richmond





DEPARTMENT OF
**PUBLIC
WORKS**

Pavement Condition Rating (PCI) 8th District - City of Richmond

PCI Scores

- 86 - 100: Good
- 71 - 85: Satisfactory
- 56 - 70: Fair
- 41 - 55: Poor
- 26 - 40: Very Poor
- 11 - 25: Serious
- 0 - 10: Failed

Total Lane Miles

405.53

Good/Satisfactory (LM)

248.9

61%

Fair (LM)

48.8

12%

Poor (LM)

107.8

27%





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Pavement Condition Rating (PCI)

9th District - City of Richmond

