

**THOROUGHFARE PLAN (ROAD IMPROVEMENT PLAN)  
SPOTSYLVANIA COUNTY, VA**

**DRAFT**

**NEW ROADS AND ROAD EXTENSIONS\***

Project	From	To	VDOT Functional Classification (2014)	CoSS	2020 # of Lanes	2040 # of Lanes	Ultimate ROW	Description of Improvement	2020 Length	2040 Length	2020 ADT	2040 ADT	2020 LOS	2040 LOS	Source of Cost Estimate	Total Cost (2040)^
Route 606 Service Road-North	Dan Bell Lane	S Roxbury Mill Rd	N/A	N	0	2	60/variable	New 2-lane roadway	0.00	0.50	0	10,800	unk.	C	UPC 105464 & 111456	\$8,000,000
Route 606 Service Road-South	Thornburg Plaza II	.1 mile West of north leg of Route 606 Roundabout	N/A	N	0	2	60/variable	New 2-lane roadway	0.00	0.60	0	9,300	unk.	C	VDOT PCES	\$8,000,000
Guinea Station Road Extension & Realignment (607)	Massaponax Church Rd (608)	Jefferson Davis Hwy (1) and Realigned Guinea Station Road	Local	N	0	2	60/variable	New facility: two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	2.00	0	6,700	unk.	C	VDOT PCES	\$16,896,000
Massaponax Church Rd Extension (608)	Lake Anna Parkway (208)	Courthouse Rd (208)	N/A	N	0	2	60/variable	New Facility: two 12 foot lanes with 6-foot shoulders, sidewalks. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	1.52	0	2,700	unk.	B	VDOT PCES	\$12,467,000
Chancellor Road Extension (674)	Old Plank Rd (610)	Plank Rd (3)	N/A	N	0	2	60/variable	New 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	0.90	0	6,000	unk.	B	VDOT PCES	\$5,211,500
Rollingwood Dr Extended (711)	Harrison Rd (620)	Rollingwood Dr (711)	N/A	N	0	4	75'-80'	New 4 lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	1.50	0	24,000	unk.	E	VDOT PCES	\$14,650,300
Germanna Point Dr Extension (1029)	Cotter Rd	Spotsylvania Ave	N/A	N	0	4	75'-80'	New facility: four 12-foot lanes with 2-foot shoulders, 2-2' barriers, 1-10' multiuse trail. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	0.91	0	10,300	unk.	C	VDOT PCES	\$33,100,000
Houser Dr. Extension (1248)	Houser Dr	Industrial Dr	N/A	N	0	2	60/variable	Expand Industrial Park Accessibility with 2-lane connector road.	0.00	0.20	0	4,000	unk.	B	VDOT PCES	\$1,921,600
Market St Extension (1489)	Jefferson Davis Hwy (1)	VA Site Southern Entrance	N/A	N	0	2	60/variable	Construct new facility connecting VA Site Southern Entrance and Route 1 at Market Street. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	0.12	0	5,700	unk.	B	VDOT PCES	\$10,847,500
Chancellor Road Spur	Gordon Rd (627)	Chancellor Rd (674)	N/A	N	0	4	75'-80'	Construct 4-lane divided facility connecting Gordon Rd with Chancellor Rd	0.00	0.50	0	15,000	unk.	B	VDOT PCES	\$10,745,000
Lansdowne Road Extension	Tidewater Trail (2/17)	Main Street	N/A	N	0	2	60/variable	Extension of Lansdowne Rd to Main Street with a 10ft Share Use Path. Improvement to include a connection to Russo Drive	0.00	0.24	0	6,500	unk.	B	VDOT PCES	\$3,000,000
Airport/Industrial Access Road	Shannon Park Dr	Shannon Airport Cir.	N/A	N	0	2	60/variable	Improve access to Shannon Airport and nearby business to reduce volume at Tidewater Trl at Shannon Airport Circle entrance.	0.00	0.13	0	1,000	unk.	A	VDOT PCES	\$2,425,000
Spotsylvania Pkwy Extension	Smith Station Rd (628)	Gordon Rd (627)	N/A	N	0	4	75'-80'	Extension of Spotsylvania Pkwy west to Gordon Rd. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.00	3.50	0	10,000	unk.	C	VDOT PCES	\$75,215,000

\* New Concept Facilities (incl. new roads and extensions) as depicted on the corresponding Thoroughfare Plan Map are presented as conceptual alignments only. Further design and study necessary to determine accurate route.

**INTERSTATE PROJECTS**

Project	From	To	VDOT Functional Classification (2014)	CoSS	2020 # of Lanes	2040 # of Lanes	Ultimate ROW	Description of Improvement	2020 Length	2040 Length	2020 ADT	2040 ADT	2020 LOS	2040 LOS	Source of Cost Estimate	Total Cost (2040)^
Super Ramp Construction	I-95 SB Off-ramp	Mills Dr. (US-17)	Interstate	Y	0	2	60	New SB ramp to provide direct connection between I-95 SB off-ramp and US 17	0	1.25	N/A	20,200	N/A	E	VDOT PCES	\$90,580,000
Bridge over I-95	0.1 mile west of I-95	0.1 mile East of I-95	N/A	N	0	2	60	Bridge between Jackson Village and Alexander's Crossing developments. 4-lanes with bike/ped accommodations.	0	0.20	N/A	32,365	N/A	E	VDOT PCES	\$14,946,000
I-95 Exit 126 Off-Ramp Improvements	I-95 SB Off-Ramp	Southpoint Parkway (711)	Ramp & Principal Arterial	Y	1	2	N/A	Widen I-95 SB Off-Ramp adding an additional left turn on US 1, and lane from the ramp to Southpoint Parkway. Include a sidewalk and retaining wall.	N/A	N/A	11,200	11,500	E	B	VDOT Smart Scale	\$15,295,000
I-95 Exit 126 NB On-Ramp Improvements	US Route 1	I-95 NB On-Ramp	Ramp & Principal Arterial	Y	1	2	N/A	Widen I-95 NB On-Ramp and add an additional right turn on US 1	N/A	N/A	10,530	15,200	E	C	VDOT Smart Scale	\$22,000,000
I-95 Exit 126 SB On-Ramp Improvements	US Route 1	I-95 SB On-Ramp	Ramp & Principal Arterial	Y	1	2	N/A	Widen I-95 SB On-Ramp and add an additional left turn from US 1 SB	N/A	N/A	9,000	12,000	E	C	County/State	\$15,000,000
I-95 SB Widening	1.3 miles south of Exit 130	Exit 126	Interstate	Y	3	4	TBA	Widen I-95 SB from 3-lanes to 4-lanes	2.8	2.8	71,000	106,000	C	D	VDOT PCES	\$41,000,000
Harrison Road Interchange	I-95	Harrison Road (620)	Interstate	Y	0	2	TBA	New I-95 Interchange at Harrison Rd.	0	Unk.	N/A	62,700	N/A	D	VDOT PCES	\$97,000,000
I-95 Corridor ITS Improvements	1.3 miles north of Exit 130	1.3 miles south of Exit 118	Interstate	Y	0	0	TBA	Interchange and variable message signage improvements.CCTV cameras and fiber optic deployment for improved monitoring.	N/A	N/A	N/A	N/A	unk.	unk.	VDOT PCES	\$10,000,000
I-95 Exit 126 NB On-ramp and CD Road	Route 17	I-95 NB	Interstate	Y	0	2	TBD	Major intersection improvements and addition on NB ramp from US-17.	0	1.12	N/A	15,000	N/A	C	Kimley-Horn	\$54,270,000
I-95 NB Widening	Exit 126	Exit 130	Interstate	Y	3	4	TBD	Additional I-95 NB General Purpose Lane between Exit 126 and Exit 130.	4.30	4.30	74,000	102,400	D	C	VDOT PCES	\$54,000,000

**ROAD WIDENINGS AND OTHER EXISTING ROAD CORRIDOR IMPROVEMENTS**

Project	From	To	VDOT Functional Classification (2014)	CoSS	2020 # of Lanes	2040 # of Lanes	Ultimate ROW	Description of Improvement	2020 Length	2040 Length	2020 ADT	2040 ADT	2020 LOS	2040 LOS	Source of Cost Estimate	Total Cost (2040)^
Jefferson Davis Hwy (1)	Spotsylvania Co/ Caroline Co. Line	Massaponax Church Rd (608)	Principal Arterial	Y	4	6	150/variable	Widen to a 6-lane typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	6.80	6.80	14,000	38,300	B	C	VDOT PCES	\$107,803,400
Jefferson Davis Hwy (1)	Massaponax Church Rd (608)	Spotsylvania Pkwy (628)	Principal Arterial	Y	4	6	150/variable	Widen to a 6-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.35	1.95	27,000	44,500	B	D	VDOT PCES	\$52,608,300
Jefferson Davis Hwy (1)	Spotsylvania Pkwy (628)	Harrison Rd (620)	Principal Arterial	Y	4	8	175/variable	Widen to a 8-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.87	3.06	55,000	65,000	E	E	VDOT PCES	\$65,573,760
Jefferson Davis Hwy (1)	Harrison Rd (620)	Spotsylvania Co/ Fredericksburg City Line	Principal Arterial	Y	4	6	150/variable	Widen to 6-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.70	0.70	30,000	60,000	C	F	VDOT PCES	\$24,831,700
Lafayette Blvd (1 Business)	Spotsylvania Co/ Fredericksburg City Line	Jefferson Davis Hwy (1)	Minor Arterial	N	2	4	75'-80'	Widen to 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.51	1.51	22,000	28,500	F	D	VDOT PCES	\$42,261,540
Tidewater Trail (2/17)	Joseph Mills Drive	River Meadows	Minor Arterial	N	2	3	75'-80'	Widen to a 3-lane divided section. With 2-lanes southbound and 1-lane northbound and improve intersections. at Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.54	0.54	24,000	36,000	F	D	VDOT Revenue Sharing	\$19,100,000
Tidewater Trail (2/17)	River Meadows	Mills Drive (17)	Minor Arterial	N	2	4	65'-75'	Widen to a 4-lane typical section and improve intersections. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	4.00	4.00	5,600	8,000	C	B	VDOT PCES	\$70,113,000
Sandy Lane Dr (2)	Mills Dr (17)	Spotsylvania Co./ Caroline Co. Line	Minor Arterial	N	2	4	75'-80'	Widen from 2 to 4-lane. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.54	0.54	24,000	36,000	F	D	VDOT PCES	\$11,062,300
Plank Road (3)	Harrison Crossing Access Road	Andora Dr (626) / Corter Ave (760)	Principal Arterial	N	6	8	150/variable	Widen to a 8-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.65	0.65	32,500	57,800	C	E	ARRA	\$62,800,000
Plank Road (3)	Andora Dr (626) / Corter Ave (760)	Orange Co. Line	Principal Arterial	N	4	6	150/variable	Widen to a 6-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	8.79	8.79	32,000	54,200	C	E	VDOT PCES	\$14,839,300
Mills Dr (17) Overpass Replacement	Mills Dr (17) Merge	Germanna Pt./Hospital Blvd.	Principal Arterial	Y	2	4	150/variable	Widen to a 4 lane divided typical section with pedestrian accommodations.Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.64	0.64	20,000	30,000	E	C	UPC 107140	\$20,000,000
Mills Dr (17)	Germanna Pt./Hospital Blvd.	Spotsylvania Co/Caroline Co. Line	Principal Arterial	Y	2	4	150/variable	Widen to a 4 lane divided typical section, possibly tapering to a 3 lane section east of Tidewater Trail. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	6.4	6.4	14,000	24,000	C	C	VDOT PCES	\$116,417,200
Lake Anna Parkway (208)	Gentry Drive (8301 Lake Anna Pkwy.)	Post Oak/Morris Road (606)	Minor Arterial	N	2	4	125/variable	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.96	1.96	11,500	19,200	C	C	VDOT PCES	\$38,354,350
Courthouse Rd (208)	Jefferson Davis Hwy (1)	Smith Station (628)	Minor Arterial	N	4	6	150/variable	Widen to a 6-lane divided. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.72	3.72	39,000	56,750	E	E	VDOT PCES	\$86,733,000
Courthouse Rd (208)	Smith Station (628)	Brock Road (613)	Minor Arterial	N	4	6	150/variable	Widen to a 6-lane divided. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.12	3.12	30,000	42,500	C	B	VDOT PCES	\$66,262,300
Courthouse Rd (208)	Lake Anna Parkway (208)	Massaponax Church Rd (608)	Minor, Major Collector (Segments)	N	2	2	60/variable	Widen to two 12-foot lanes with sidewalks.	1.20	1.20	4,700	12,000	C	E	VDOT PCES	\$13,315,200

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Project	From	To	VDOT Functional Classification (2014)	CoSS	2020 # of Lanes	2040 # of Lanes	Ultimate ROW	Description of Improvement	2020 Length	2040 Length	2020 ADT	2040 ADT	2020 LOS	2040 LOS	Source of Cost Estimate	Total Cost (2040)^
Courthouse Rd (208)	Lake Anna Parkway (208)	Morris Rd (606)	Minor Arterial	N	2	3	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.60	2.60	9,200	5,400	B	A	VDOT PCES	\$28,849,600
Courthouse Rd (208)	Post Oak/Morris Rd (606)	Lake Anna/ Louisa County Line	Minor Arterial	N	2	4	60/variable	Widen from 2 to 4-lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	12.00	12.00	10,000	17,500	B	B	VDOT PCES	\$100,474,000
Lawyers Road (601)	Courthouse Rd (208)	Stubbs Bridge Road (612)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes with 6-foot shoulders.	4.30	4.30	1,970	7,700	A	C	VDOT PCES	\$18,042,000
Lewiston Rd (601)	Fairview Rd (622)	Courthouse Rd (208)	Minor Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	6.88	6.88	1,800	3,200	A	A	VDOT PCES	\$28,856,500
Arcadia Rd (603)	Jefferson Davis Hwy (1)	Spotsylvania/Caroline Co. Line	Major, Minor Collector (Segments)	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.38	1.38	3,800	2,700	B	B	VDOT PCES	\$7,192,000
Marye Road (605)	Partlow Rd (738)	Arcadia Rd (603)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	8.40	8.40	2,500	2,000	A	A	VDOT PCES	\$43,776,700
Mudd Tavern Rd Bridge over I-95 (606)	Bridge with taper to west	Bridge with taper to east	Minor Arterial	Y	2	4	72'	New bridge with 4-12' lanes, 4' median. 2' shoulders, sidewalk & 10' trail.	0.34	0.34	7,700	14,000	C	C	UPC 100829	\$7,820,000
Mudd Tavern Rd (606)	Jefferson Davis Hwy (1)	East of I-95 Mudd Tavern Bridge.	Minor Arterial	N	2	4	75'-80'	Widen to 4-lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.51	0.51	12,600	16,000	C	B	UPC 105456	\$21,250,000
Morris Rd (606)	Jefferson Davis Hwy (1)	Courthouse Rd (208)	Minor Arterial	N	2	4	60/variable	Widen from 2 to 4-lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.50	3.50	10,000	12,000	C	B	VDOT PCES	\$45,056,000
Post Oak Rd (606)	Lake Anna Parkway (208)	West Catharpin Rd (608)	Major Collector	N	2	2	60/variable	Reconstruct select portions to improve horizontal and vertical alignments. Improve various intersections. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	11.62	11.62	1,700	2,700	A	A	VDOT PCES	\$24,921,000
Robert E. Lee Dr (608)	Catharpin Rd (612)	Lake Anna Parkway (208)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes with 6-foot shoulders. Reconstruct the intersection at Route 612. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	6.08	6.08	2,500	2,300	A	A	VDOT PCES	\$36,475,400
Massaponax Church Rd (608)	Courthouse Rd (208)	Smith Station Rd (628)	Major Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.97	3.97	3,350	19,000	B	D	VDOT PCES	\$27,945,300
Massaponax Church Rd (608)	Smith Station Rd (628)	Jefferson Davis Hwy (1)	Major Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.98	0.98	1,500	12,200	A	C	VDOT PCES	\$15,292,000
Massaponax Church Rd (608)	Jefferson Davis Hwy (1)	Mills Dr (17)	Major Collector	N	2	4	60/variable	Widen to two 12-foot lanes. Realign portion just east of Route 632. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	4.52	4.52	1,200	5,700	A	B	VDOT PCES	\$70,529,300
W Catharpin Rd (608)	Spotsylvania Co/Orange Co Line	Robert E. Lee (608)	Minor Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	7.09	7.09	2,000	3,100	B	B	VDOT PCES	\$34,212,600
Thornton Rolling Rd (609)	Mills Dr (17)	Spotsylvania/Caroline Co. Line	Minor Collector	N	2	2	60/variable	Widen to two 12-lanes with 2-foot shoulders, Shared Use Path (East Coast Greenway). Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.90	1.90	3,000	4,500	B	B	VDOT PCES	\$9,902,000
Old Plank Rd (610)	Gordon Rd (627)	Plank Road (3)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.50	0.50	6,000	7,100	B	C	VDOT PCES	\$2,605,800
Old Plank Rd (610)	Catharpin Rd (612)	Gordon Rd (627)	Major Collector	N	2	4	75'-80'	Widen to 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.06	3.06	12,700	14,700	C	B	VDOT PCES	\$48,727,680
Old Plank Rd (610)	Plank Road (3)	Catharpin Rd (612)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.80	1.80	5,400	14,000	B	C	VDOT PCES	\$14,753,400
Elys Ford Rd.(610)	Plank Rd (3)	Spotsylvania Co./ Culpeper Co. Line	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.84	3.84	3,500	4,600	A	B	VDOT PCES	\$19,110,800
Catharpin Rd (612)	W. Catharpin Rd (608)	Piney Branch Rd (624)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	5.24	5.24	2,500	4,800	A	B	VDOT PCES	\$26,078,300
Catharpin Rd (612)	Piney Branch Rd (624)	Old Plank Rd (610)	Major Collector	N	2	3	75/variable	Widen to a 3-lane typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.28	2.28	5,500	8,000	B	C	VDOT PCES	\$17,305,200
Monrovia Rd & Stubbs Bridge Rd (612)	Spotsylvania Co/Orange Co Line	Post Oak Rd (606)	Major Collector	N	2	2	60/variable	Improve horizontal and verticle alignments. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	11.38	11.38	600	4,000	A	B	VDOT PCES	\$32,000,000
Pamunkey Rd (612)	Post Oak Rd (606)	West Catharpin Rd (608)	Minor Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	4.10	4.10	1,000	3,800	A	B	VDOT PCES	\$2,931,800
Brock Road (613)	Courthouse Rd (208)	Gordon Rd (627)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	12.00	12.00	5,700	10,400	B	D	VDOT PCES	\$64,190,860
River Road (618)	Bragg Rd (639)	Motts Run Reservoir/ Park	Minor Collector	N	2	2	60/variable	Shoulder Improvements. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.20	2.20	4,600	8,000	B	C	VDOT PCES	\$1,652,000
Harrison Rd (620)	Jefferson Davis Hwy (1)	Lafayette Blvd (1 Business)	Minor Arterial	N	2	2	60/variable	Widen to a 2-12' Lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.17	0.17	5,700	11,200	B	C	VDOT PCES	\$8,200,000
Harrison Rd (620)	Old Plank Rd (610)	Gordon Rd (627)	Minor Arterial	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.50	0.50	13,000	23,800	C	C	UPC 107141	\$11,200,000
Harrison Rd (620)	Salem Church Rd (639)	Jefferson Davis Hwy (1)	Minor Arterial	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.44	2.44	16,200	48,000	D	E	VDOT PCES	\$36,647,700
Orange Plank Rd. (621)	Plank Rd (3)	Spotsylvania Co./ Orange Co. Line	Major Collector	N	2	2	60/variable	Shoulder Improvements. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	7.00	7.00	3,500	11,300	A	C	VDOT PCES	\$5,674,800
Fairview Rd (622)	Lewiston Rd (601)	Partlow Rd (738)	Minor Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.81	2.81	3,200	4,200	A	B	VDOT PCES	\$10,809,500
Gordon Rd (627)	Spotsylvania Pkwy Extended (New Road)	Harrison Rd (620)	Major Collector	N	2	4	75'-80'	Widen to 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.10	3.10	16,700	20,700	E	C	VDOT PCES	\$39,759,000
Gordon Rd (627)	Brock Rd (613)	Spotsylvania Pkwy Extended (New Road)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.00	3.00	9,100	10,500	C	D	VDOT PCES	\$17,617,400
Smith Station Rd (628)	Massaponax Church Rd (608)	Gordon Rd (627)	Major Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	5.95	5.95	9,200	21,800	B	C	VDOT PCES	\$44,117,600
N,S Roxbury Mill Rd (632)	Replacement Bridge (North Approach)	Replacement Bridge (South Approach)	Minor Collector	N	0	2	60/variable	Demolish existing closed bridge structure and construct a new 2-lane bridge with 10 foot shared use path.	0.00	0.05	0	1,209	N/A	A	VDOT PCES	\$2,737,000
Church Pond Rd (633)	Massaponax Church Rd (608)	Guinea Station Rd (607)	Local	N	2	2	60/variable	Shoulder Improvements. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.40	1.40	850	1,500	A	A	VDOT PCES	\$1,135,000
Lee Hill School Dr (635)	Germanna Point Dr	Eagle Dr (736)	Minor Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.35	2.35	5,300	6,000	B	B	VDOT PCES	\$11,761,600
Hood Rd (636)	Courthouse Rd (208)	Jefferson Davis Hwy (1)	Major Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.44	0.44	12,500	18,500	D	C	VDOT PCES	\$12,972,000
Mine Rd (636)	Spotsylvania Avenue	Meadow View Drive	Major Collector	N	2	4	60'-75'	Widen to a 4-lane undivided section with multiuse trail and sidewalk. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	0.32	0.32	17,100	20,000	E	C	VDOT PCES	\$16,000,000
Mine Rd (636)	Meadow View Drive	Lansdowne Rd (638)	Major Collector	N	2	4	60'-75'	Widen to a 4-lane undivided section with multiuse trail and sidewalk. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.14	1.14	11,800	15,100	C	D	VDOT PCES	\$18,972,000
Mine Rd (636)	Lansdowne Rd (638)	Benchmark Rd (608)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.30	2.30	6,500	9,700	B	C	VDOT PCES	\$13,527,000
Lansdowne Rd (638)	Mine Rd (636)	Spotsylvania Co/ Fredericksburg City Line	Major Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.93	1.93	9,100	10,200	C	C	VDOT PCES	\$28,845,700

**THOROUGHFARE PLAN (ROAD IMPROVEMENT PLAN)  
SPOTSYLVANIA COUNTY, VA**

**DRAFT**

**ROAD WIDENINGS AND OTHER EXISTING ROAD CORRIDOR IMPROVEMENTS**

Project	From	To	VDOT Functional Classification (2014)	CoSS	2020 # of Lanes	2040 # of Lanes	Ultimate ROW	Description of Improvement	2020 Length	2040 Length	2020 ADT	2040 ADT	2020 LOS	2040 LOS	Source of Cost Estimate	Total Cost (2040)^
Leavells Rd (639)	Courthouse Rd (208)	Smith Station Rd (628)	Major Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.51	2.51	10,500	12,800	C	C	VDOT PCES	\$43,866,400
Leavells Rd (639) & Salem Church Rd. (639)	Courthouse Rd (208)	Plank Rd (3)	Minor Arterial	N	4	6	150/variable	Widen to a 6-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	3.60	3.60	19,400	25,100	D	E	VDOT PCES	\$67,650,600
Jones Powell Rd (653)	Belmont Rd (652)	Lawyers Rd (601)	Local	N	2	2	60/variable	Widen to two 11-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	1.65	1.65	800	4,350	A	B	VDOT PCES	\$5,125,600
Piedmont Dr (673)	Smith Station Rd (628)	Harrison Rd (620)	Major Collector	N	2	2	60/variable	Improve horizontal and vertical alignment and improve side street connections with appropriate turn lanes.	2.24	2.24	6,800	8,500	B	B	VDOT PCES	\$10,543,000
Chancellor Road (674)	Old Plank Rd (610)	Gordon Rd (627)	Minor Collector	N	2	4	75'-80'	Widen to a 4-lane divided typical section. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	2.00	2.00	4,100	8,800	B	B	VDOT PCES	\$33,758,000
Partlow Rd (738)	Spotsylvania Co/Caroline Co Line	Courthouse Rd (208)	Major Collector	N	2	2	60/variable	Widen to two 12-foot lanes. Refer to Trailways Master Plan (Chapter 3A) for Bike/Ped.	12.56	12.56	3,800	6,100	A	C	VDOT PCES	\$39,000,000

**INTERSECTION IMPROVEMENT PLAN**

Project	Description of Improvement	2020 Length	2040 Length	2020 PM Peak	2040 PM Peak	2020 LOS	2040 LOS	Source of Cost Estimate	Total Cost (2040)^
Courthouse Road (208) & Smith Station Road (628)	The purpose of this project is to increase intersection capacity, reduce delay, and improve traffic flow at the intersection of Courthouse Road and Smith Station Road. Additional turn lanes will be added from the north and southbound directions on Smith Station Road along with through lanes from the east and westbound direction on Courthouse Road.	N/A	400'	3,500	4,900	E	D	VDOT PCES	\$4,872,600
Courthouse Rd (208) & Hood (636)/Houser Drive (1248)	Project will separate the northbound through movement on Hood Drive by providing two left turn lanes, a through lane, and right turn lane.	N/A	N/A	3,700	4,300	E	C	UPC 110987	\$6,301,000
Courthouse Rd (208) Turning Lane improvements: Rte 711 (Southpoint Pkwy) to Hood Drive	Construct a 475 ft right turn lane for Rte 711 to Rte 208. Lengthen WB left turn lanes at Rte 711. Restriping of turn lanes at Stoney Creek Drive/Wawa. Construct 240 ft of missing curb lane at Woodland Dr. Provide a 3ed WB lane by reconstructing the I-95 overpass median to be a travel lane with a four ft raised median and restriping turn lanes at Hood Drive/Houser Rd intersection	N/A	N/A	TBD	TBD	TBD	TBD	STATEWIDE PLANNING LEVEL COST ESTIMATES	\$7,365,000
Courthouse Rd (208) & Breckenridge Drive (2325)/Brittney Commons (1612)	Extend the eastbound and westbound left turn lanes in both directions on Courthouse Road for approximately 200'.	400'	400'	2,550	3,000	B	t	FAMPO estimate	\$952,322
Courthouse Rd (208) Operational and Transit Improvements	Results from VDOT Study include (1) Lengthen WB Route 208 Left Turn Lane for Southpoint Pkwy by approx. 110 ft using grass median to west of I-95/Rte 208 Bridge; (2) Southpoint Pkwy Intersection Improvements; (3) Stoney Creek Drive/Wawa Intersection Improvements; (4) WB Rhoades Dr to Woodland Dr to replace about 240 feet of missing curblane that ends at Woodland Dr.	0.60	0.60	4,200	5,880	D	E	VDOT STUDY	\$10,000,000 (VDOT Study) & \$580,000 Total Transit Cost (Not included in VDOT Cost Estimate)
Harrison Road (620) & Lafayette Boulevard (Business 1)	Extend the existing right turn lane on Lafayette Boulevard 300' from Harrison Road to Lee Street.	300'	300'	3,300	3,900	E	D	VDOT PCES	\$835,000
Hudgins Road (661) & Lafayette Blvd (Business 1)	Widen Hudgins Rd to 24 ft between Tignor Lane and Rte 1. The intersection improvement for Hudgins at Rte 1 would upgrade the existing signalized intersection to provide a left and right turn lane from Hudgins to Rte 1. The project would also provide bicycle/pedestrian accommodations along Hudgins Rd from Lafayette Blvd to the West side of Rte 1.	N/A	1,100	TBD	TBD	A	TBD	STATEWIDE PLANNING LEVEL COST ESTIMATES	\$3,507,000
Hudgins Road (661) & Jefferson Davis Hwy (1)	Widen Hudgins Rd to 24 ft between Lafayette Blvd and Tignor Lane. Provide a new roundabout or signalized intersection for Lafayette Blvd at Hudgins Rd with bicycle/pedestrian accommodations.	N/A	500'	TBD	TBD	A	TBD	STATEWIDE PLANNING LEVEL COST ESTIMATES	\$6,575,000
Spotsylvania Ave @ Market Street	Add a Right turn lane from SB Spotsylvania Ave to Market St and lengthen westbound turn lanes on Rte 208 to 600 feet.	N/A	100'	TBD	TBD	TBD	TBD	STATEWIDE PLANNING LEVEL COST ESTIMATES	\$460,000
Business 208 and Massaponax Church Rd	Realign intersection of Massaponax Church Rd with Business 208 to a "T" intersection with a roundabout or conventional intersection and provide bicycle/pedestrian accommodations.	N/A	100'	TBD	TBD	TBD	TBD	STATEWIDE PLANNING LEVEL COST ESTIMATES	\$3,520,000
Andora Dr. & Old Plank Rd Roundabout	Convert existing 4-way stop controlled intersection to a free flow roundabout.	N/A	N/A	1,720	2,100	D	A	VDOT PCES	\$2,500,000
Chancellor Rd & Old Plank Rd Roundabout	Convert a 2-way stop controlled intersection to a free flow roundabout to address safety issues.	N/A	N/A	1,450	1,730	D	A	SDI	\$1,971,000
Lawyers Road & Lake Anna State Park Entrance	Project will add additional right and left turn lanes into the Lake Anna State Park and entrance improvements	N/A	N/A	N/A	N/A	N/A	N/A	VDOT PCES	\$985,400
Harrison Road (620) & Salem Church Road/Leavells Road (639)	Extend northbound & southbound left turn lanes & southbound right turn lane. Add a new eastbound & westbound right turn lane, westbound right turn lane, westbound thru lane & eastbound right turn lane.	N/A	N/A	1,400	7,500	E	D	VDOT PCES	\$6,100,000
Jefferson Davis Hwy. & Courthouse Road/Lafayette Blvd.	Extend northbound, southbound, eastbound & westbound left turn lanes. Add new eastbound & westbound right turn lanes. Add a second eastbound left turn lane, and convert eastbound & westbound thru/right lanes to exclusive thru lanes.	N/A	N/A	4,050	7,400	D	E	VDOT PCES	\$11,200,000
Lawyers Road (601) & Stubbs Bridge Road (612)	Construct new intersection or roundabout at this intersection to address turning movements and crashes.	N/A	N/A	1910	6,027	C	C	VDOT PCES	\$2,600,000
Jefferson Davis Hwy. (1) & Market Street (1489)	Construct an additional WB left turn lane on Mine Road and additional SB thru lane on US 1. Convert SB right turn lane to a thru/right and modify EB approach to a left & thru /right turn.	N/A	N/A	3,720	4,851	D	C	WS	TBD
Spotsylvania Mall Drive Roundabout	Construct a new roundabout at intersection of Towne Centre Blvd and Bragg Rd	N/A	N/A	N/A	unk.	unk.	unk.	VDOT PCES	\$3,300,000
Tidewater Trail (2) & Benchmark Road (608)	Add a Left turn lane for the WB Approach and also add a Left turn lane for the EB Approach and change right turn lane to be shared with through lane for NB approach.	N/A	N/A	2,383	3,108	B	C	VDOT PCES	\$4,500,000
Nw Quadrant -Hood Drive (636) & US Rte 1 (P)	Construct a new connector road from Hood Drive to US Rte 1 and add two signals on Hood Drive & US 1 with special 1/2 timing.	NA	NA	NA	10,000	NA	C	WS	\$25,000,000

**THOROUGHFARE PLAN (ROAD IMPROVEMENT PLAN)  
SPOTSYLVANIA COUNTY, VA**

**DRAFT**

<b>THOROUGHFARE PLAN (STUDIES)</b>	
<b>Study</b>	<b>Description</b>
Intermediate I-95 Study Area Projects (from North of of Exit 130 (MP 130.7) to North of Exit 118 (MP 119.7))	Studies to include feasibility of collector-distributor (CD) lanes in both directions between Exit 130 and new access points (Harrison Road (620) & Courthouse Road (208)) and include NB CD lanes between Route 3 and US 17 (NB Rappahannock River Crossing project). Potential new interchange to be considered south of Exit 126 along with improvements to existing interchanges at Exit 118 and Exit 126. Additional Exit 126 improvements may include the "J" Ramp, Super Ramp, Alternative 3 (Improvements to US 1 and Southpoint Parkway), Exit 126 to US 1 ramp & signal improvements and/or other recommendations from the KH IMR and companion Planning Study.
Route 3 Arterial Management Plan (Michael Baker International/VDOT)	The Route 3 Arterial Management Plan consists of an approximate 9.6 mile corridor section of Route 3 from Gordon Road (626) to Route 20. The corridor includes 1/4 mile on either side of the Route 3 centerline and includes a total of fifteen intersections.
Route 606 Corridor STAR's Study (VDOT)	The Route 606 Corridor Management Plan consists of an approximate 0.75 mile corridor section of Route 606 from the I-95 Exit 118 interchange to approximately 800' west of Route 1. Key areas of concern include SB I-95 Ramps and Route 606, Route 1 & Route 606, Dan Bell Lane & Route 606, and access management for commercial entrances.
Route 1 (from Interstate 95 to Commonwealth Drive) and Route 208 (from Route 1 to Leavells Road) Corridor Study.	The US 1 and Route 208 Corridor Study will evaluate needs and improvements to US 1 and Route 208 which would be needed if improvements are made to I-95 Exit 126 and assess the impacts of these traffic related improvements on the community.
Route 2/Route 17 Business (US Route 17 to VA-3 Blue and Gray Parkway) Corridor Study	The Route 2/Route 17 Business Corridor Study will evaluate needs and improvements to Route 2/Route 17 Business from the City of Fredericksburg Line to US 17 and assess what impacts these traffic related improvements would have on the community.
Massaponax Corridor Study (Michael Baker International)	The study was initiated by the County to identify projected deficiencies on US 1, US 17 and Route 606 and to provide concepts for roadway improvements and access management to address anticipated future traffic growth. The Corridor Study was designed as a tool to advance projects in VDOT's Six-Year Construction Plan.
I-95 Exit 126 IMR and Planning Study (Kimley-Horn)	The I-95 Exit 126 IMR and Planning Study included SB I-95, NB I-95, US 1, US 17, Route 208, and Southpoint Parkway. The study included four new large developments; Southpoint Landing, Heritage Woods, Jackson Village, and Alexander Crossing. The study focuses on 2020 conditions and identified 2040 improvements and screened alternatives for existing ramp upgrades, J-ramp option and ramp upgrades, and US 1 left and right turn upgrades.

**LEGEND [^]- COST PER MILE (UNLESS OTHERWISE NOTED) - SOURCE DOCUMENT IS VDOT PLANNING COST ESTIMATES - JANUARY, 2015 (SEE TRANSPORTATION APPENDIX) - AVERAGES FOR SPOTSYLVANIA REGION, PROVIDING HIGH (WORST CASE) AS OPPOSED TO LOW ESTIMATE. 3% INFLATION PER YEAR ASSUMED**

VSTP = Virginia Surface Transportation Plan	PCES = VDOT Planning Cost Estimates (January, 2015)
CoSS = Corridor of Statewide Significance	VDOT = Virginia Department of Transportation
FAMPO = Fredericksburg Area Metropolitan Planning Organization	
Kimley Horn (KH) = Exit 126 Interchange Modification Report / Planning Study	