

CAPITAL IMPROVEMENT PLAN FOR FIVE YEARS ENDING JUNE 30, 2024

PROJECT LIST

Note: New projects submitted for the FY 2020 CIB are listed in bold

Project Name	Project #	Page #
Community Facilities		
Funded Projects		
ADA Facility and Infrastructure Retrofits	01-220	C-1
Chesapeake Multipurpose Stadium	50-230	C-2
CIBH - Study of 224 Great Bridge Blvd. Building Annex & Renovation	01-230	C-3
City Hall 6th Floor Redesign/Expansion for City Attorney & City Manager's Offices	03-200	C-4
Facilities - High Priority Renewal and Replacements - Phase III	02-150	C-5
Joint City/School Garage Facility	48-230	C-7
Juvenile Services Building Repairs- Phase I & II	04-200	C-8
Juvenile Services Building Replacement	01-240	C-9
LED Lighting Retrofits - Various Buildings	02-240	C-10
Library - Music Shelving Replacement	03-230	C-11
Library - Shelving Replacement	04-230	C-12
Library Book Lockers	03-240	C-13
Municipal Parking Lots and Sidewalks II	04-150	C-14
Public Works - Bowers Hill Yard Facility Renovations	04-240	C-15
Public Works - Greenbrier Yard Storage Building Replacement (925 Executive Blvd.)	05-240	C-16
Public Works/Public Utilities Operating Facilities Relocation	01-150	C-17
Security Improvements - Various Facilities	06-240	C-19
Solid Waste Facilities Relocation	02-160	C-20
Voting Equipment	02-200	C-21
Community Facilities		
Fully Funded Projects		
ADA Door & Restroom Retrofits at Various Facilities - Phase I	21-200	C-22
CIBH - Parking Addition	01-210	C-23
CIBH - Psychosocial Day Support Building Expansion (Coastal Clubhouse)	14-190	C-24
Facility - Capital Improvement and Utilization Study	02-220	C-25
Feasibility Study for New Facility for City Records Storage	02-230	C-26
Intellectual Disability Day Support Building - Renovation	15-190	C-27
Jordan Bridge Memorial	02-180	C-28
Library - Customer Service Desk Replacements	02-210	C-29
Library - Russell Memorial Parking Addition	03-210	C-30
Mosquito Control Facilities Relocation	01-160	C-31
Public Health Center/Health Department Expansion	08-190	C-32
Public Works Building Replacement (925 Executive Blvd.)	34-190	C-33
Social Services Building Restroom Renovation	04-210	C-34
South Norfolk Community Development	10-120	C-35

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Economic Development		
Funded Projects		
Airport Authority Improvements and Expansion - Phase II	53-230	D-1
Enhanced Signage & Landscaping at Entrances to the City	36-240	D-2
Fentress Encroachment Protection	10-190	D-3
Greenbrier Redevelopment Study	07-240	D-4
Open Space and Agriculture Preservation (OSAP) Program	05-230	D-5
Revise 2035 Comprehensive Plan	09-240	D-6
South Norfolk - Strategic Acquisition of Real Property	04-170	D-7
South Norfolk Municipal Building	51-230	D-8
Tidewater Community College - Science/Engineering Building	40-200	D-9
Western Branch Redevelopment Study	08-240	D-10
Economic Development		
Fully Funded Projects		
22nd Street Commercial Site Preparation (SoNo TIF)	45-200	D-11
Battlefield Blvd./Volvo Pkwy. Improvements (GB TIF)	13-121	D-12
Commerce Park	62-120	D-13
Commerce Park - Greenbrier Circle Access Road	62-121	D-14
Conference Center District Improvements (GB TIF)	14-100	D-15
Conference Center Renovation (GB TIF)	15-100	D-16
Greenbrier Center District Improvements (GB TIF)	13-120	D-17
Greenbrier Commercial District Pedestrian Safety Improvements - Design & Construction (GB TIF)	20-100	D-18
Greenbrier Streetscape Lighting (GB TIF)	13-122	D-19
Greenbrier Way-finding Signage (GB TIF)	09-110	D-20
Public Infrastructure & Utility Improvements - Dollar Tree Development (GB TIF)	03-220	D-21
Study and Small Area Plan for Indian River Rd. and Military Hwy. Corridor	06-230	D-22
Education		
Funded Projects		
Chittum Elementary School - Modernization & Addition/Replacement	07-230	E-1
Full Day Kindergarten	05-210	E-2
Modernization/Renovation of Schools (to be determined by School Board)	32-190	E-3
Non-routine Renewal & Replacement Projects - Schools	03-180	E-4
School Acquisition & Renovation of Office Building (932 Professional Place)	63-230	E-5
School Athletic Field Houses for Deep Creek & Great Bridge	08-230	E-6
School Bus - Replacement	29-190	E-7
School Nutrition Equipment Replacements	67-230	E-8
School Safety Measures	36-220	E-9
School Technology - Replacement	30-190	E-10
School Technology, Security & Equipment Replacements	69-230	E-11

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Education		
Fully Funded Projects		
Great Bridge Primary School - Replacement	31-190	E-12
Hickory Middle School - Building Addition	43-210	E-13
Joint Study for School Facilities & Redistricting	49-230	E-14
Oscar Smith High School - Building Addition	06-210	E-15
Information Technology		
Funded Projects		
Citizen Experience Study - City Digital Content	10-240	F-1
City Fiber Optic Broadband Network	04-220	F-2
Citywide ERP Solution	06-220	F-3
Citywide Security Assessment & Court Security Upgrade	11-240	F-5
Data Center Equipment Replacement	12-240	F-6
Enterprise KRONOS Upgrade - Phase II	09-170	F-7
Enterprise Wide Technology Improvements - Phase III	07-170	F-8
Fire - Tri-City Automatic Aid CAD Interface (Regional 911 Dispatch Interface)	11-210	F-9
Fire Station Alerting System	08-220	F-10
Fire/EMS - Mobile Data Terminal Replacements - II	13-240	F-11
Implementation of Enterprisewide Next Generation Identity Access Management	09-230	F-12
Laserfiche Upgrade	13-210	F-13
Library - Automated Handling System - Phase III (Russell Memorial Library)	12-192	F-14
Library - Integrated Library System (ILS) Hosting	06-200	F-15
Library - Technology Upgrade/Replacement - Phase III	10-220	F-16
Library Data Center Technology and Switching Replacement	10-230	F-18
PeopleSoft Update Manager & PeopleTools Upgrade	11-220	F-19
Regional Broadband Ring	35-240	F-20
Replace Existing PBX Telephone System with VoIP	14-210	F-21
Replacement of Network Equipment - Phase II	12-220	F-22
Website Redesign	13-220	F-23
Information Technology		
Fully Funded Projects		
CAD Interface between Sheriff and Police	07-210	F-24
Citizen Engagement Systems	05-220	F-25
Citizen Mobile Apps Project	11-190	F-26
Enterprise Financials PeopleSoft/PeopleTools Upgrade - Phase I	27-160	F-27
Enterprise Financials PeopleSoft/PeopleTools Upgrade - Phase II	06-170	F-28
Enterprise Wide Technology III	08-210	F-29
Fire - Fire/EMS Mobile Data Terminal Replacements	07-220	F-30
Fire - Telestaff Kronos Interface	10-210	F-31

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Information Technology		
Fully Funded Projects (continued)		
Library - Automated Handling System - Phase II (Greenbrier Library)	12-191	F-32
Library - Data Center Redundancy/DIT Colocation	09-220	F-33
Maximo Upgrade and Integration to PeopleSoft	11-170	F-34
Project 25 Radio System	08-160	F-35
Replacement of Network Equipment - Phase I	15-210	F-36
Sheriff - Automated Rounds Software	16-210	F-37
Parks, Recreation, and Tourism		
Funded Projects		
ADA Facility Compliance	22-190	G-1
Athletic Field Improvements	16-190	G-2
Chesapeake Arboretum	17-210	G-3
Commonwealth/Seaboard Multi-City Rail Trail (Western Branch Rail to Trail)	18-210	G-4
Conference Center Renovation	12-200	G-5
Dismal Swamp Canal Trail - Phase III (Renovation, Restroom, Parking Lot)	19-210	G-6
Dismal Swamp Canal Trail - Study of Joint Visitor/Refuge Center	66-230	G-7
Dismal Swamp Canal Trail Renovation	14-220	G-8
Great Bridge Battlefield Monument Relocation & Plaza	68-230	G-9
Heritage Park - Phase II	14-240	G-10
Heron Landing Park on the Indian River	15-240	G-11
Northwest River Park Improvements	11-230	G-12
Oak Grove Lake Park - Phase II	16-240	G-13
Open Space and Recreation Program	47-200	G-14
Park Program Improvements	18-190	G-15
Parking Lot Improvements	21-190	G-17
Parks and Recreation - Improvements, Additions & Expansions	12-230	G-18
Recreational Facility Improvements	19-190	G-19
Security Improvements - Parks, Recreation and Tourism	24-190	G-20
Parks, Recreation, and Tourism		
Fully Funded Projects		
Ballahack Rd. Boat Ramp Area Improvement Project	43-200	G-21
Elizabeth River Park Fishing Pier	19-191	G-22
Great Bridge Battlefield Visitors Center (Partial)	26-070	G-23
Northwest River Park Water & Sewer System Improvements - Phase I	15-220	G-24
Oak Grove Lake Park - Additional Parking Spaces	23-190	G-25
Western Branch Trail Renovation	13-200	G-26

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Public Safety		
Funded Projects		
Dock Landing Fire Station #11 - Replace	28-190	H-1
Fire - Hazardous Materials Monitoring and Detection Systems	17-240	H-2
Fire - Multipurpose Tow/Rescue Vehicle Replacement	18-240	H-3
Fire - Structural/Trench Shoring System Replacement	19-240	H-4
Fire - Vehicle Replacement	39-200	H-5
Fire Station #16 - Joint Fire & Police Station - Grassfield/Scenic Pkwy.	17-220	H-6
Fire Station #4 Replacement	16-220	H-7
Fire Station Exhaust Removal Systems Replacement	20-240	H-9
Jail and Sheriff HQ - Renewal and Replacements	26-210	H-11
Jail Booking Area Facility Renovation	21-240	H-13
Police - Electronic Summons Collection Equipment	34-240	H-14
Police & Sheriff - Virtual Firearm Training/Safety Awareness System	22-240	H-15
Police and Fire - Door Card Control Panel Replacement and Fire Station Access	13-230	H-16
Police, Fire, and Sheriff - New World App	15-230	H-17
Public Safety Facility Issue Studies - Feasibility & Conceptual Design	16-230	H-18
Public Safety Two Factor Authentication System Upgrade	17-230	H-19
Public Safety		
Fully Funded Projects		
Bowers Hill Fire Station #10 and Fire Department Logistics Support Center	07-110	H-20
Deep Creek Fire Station #8 - Relocate	27-190	H-22
Fire Alarm and Public Address System	17-200	H-23
Jail - Kitchen Equipment Replacement	22-210	H-24
Jail - Surveillance System Digital Conversion & Additional Cameras	25-210	H-25
Jail Expansion to Address Overcrowding	04-180	H-26
Police - Emergency Vehicle Storage Facility	26-190	H-27
Police - Mobile Command Vehicle Replacement	27-210	H-28
Police and Sheriff - Academy Computer Upgrade	14-230	H-29
Public Safety Vehicle Network Connection Upgrade (Mobile Network Device Systems)	18-230	H-30
Saint Brides Fire Station #7/ Hickory Police Precinct #6 - Combined	10-160	H-31
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Funded Projects		
Automated Meter Reading Equipment and Software	53-120	I-1
Cavalier Elevated and Ground Storage Tanks Rehabilitation	19-220	I-2
Centerville Turnpike Loop 3	43-120	I-3
Chesapeake Connector Water Pipeline	20-230	I-4
Deep Creek Pump Station Upgrade	20-140	I-5
Fentress NALF Water Transmission Main	37-240	I-6
Gravity Sewer Renewal: Bainbridge Blvd. Basin (HRSD Project Area)	16-170	I-7
Great Bridge Force Main Redundancy Study	21-230	I-8
Lake Gaston Pipeline - Capital Cost Sharing with Virginia Beach	22-230	I-9
Lake Gaston WTP - Membrane Replacement - Phase II	21-130	I-10
Lake Gaston WTP - Miscellaneous Modifications	37-200	I-11
Lake Gaston WTP - Strategic Treatment and Facility Development Plan	38-200	I-12
Norfolk Highlands Elevated Tank Rehabilitation	28-200	I-13
Northwest River Lakes & Pump Station	23-230	I-14
Northwest River WTP - Miscellaneous Modifications	19-130	I-15
Northwest River WTP - Switchgear Replacement	20-220	I-17
Philmont Ave Septic System Disconnection	65-230	I-18
Red Top Raw Water Transmission Main	39-120	I-19
Replacement of Lead Service Lines	24-230	I-20
Sewer Pump Station Safety Improvements	35-200	I-21
Sewer Pump Station: Replacement and Rehabilitation	21-220	I-22
Sewer Renewal: Additional Consent Order Capital Requirement	05-180	I-23
Sewer Renewal: Raleigh Place (Pump Station #7 Basin)	33-170	I-25
South Central Water Transmission Main & Loop - Phase I	31-240	I-26
Supervisory Control and Data Acquisition (SCADA) Upgrade	23-240	I-27
Unserved Areas/Cost Participation-Ph. II: Cedar Rd. Sewer Extension	25-200	I-28
Unserved Areas/Cost Participation-Ph. II: Willow Lakes Utility	25-202	I-30
Volvo Pkwy & Executive Blvd. Pump Station & Gravity Force Main (GB TIF)	64-230	I-31
Water Franchise Acquisition & System Renewals	52-230	I-32
Water Renewal: Buchanan St. Area	24-200	I-33
Water Renewals: Waterline Upgrades - Phase II	14-160	I-34
Water Residuals Disposal	32-200	I-36
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Western Branch Elevated Tank Rehabilitation	33-200	I-38
Public Utilities		
Fully Funded Projects		
Battlefield to Centerville Water Main - Phase I	21-140	I-39
Battlefield to Centerville Water Main - Phase II	22-140	I-40
Crestwood Sewer - Phase II (Pump Station #931)	20-170	I-41
Crestwood Sewer - Phase III (Pump Station #12)	21-170	I-42

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Public Utilities		
Fully Funded Projects (continued)		
Customer Service & Billing Software	34-120	I-43
Force Main Replacement: Dominion Blvd. and I-64	34-200	I-44
Greenbrier Pkwy. - Force Main Upgrade	06-100	I-45
Joliff Rd. Waterline - Phase II	29-050	I-46
Manhole Rehabilitation	28-170	I-47
Military Hwy. - 36" Water Main	38-120	I-48
Murray Dr. and Whittamore Rd. Water Project	40-130	I-49
Northwest River WTP - Replace Bulk Chemical Storage Tanks	30-200	I-50
Northwest River WTP - Replace Ground Storage Tank	29-200	I-51
Oak Grove Elevated Tank Standpipe Replacement	05-190	I-52
Public Utilities - CIS Upgrade	30-210	I-53
Sanitary Sewer Evaluation Study	27-120	I-54
Sewer and Water Renewal: Elbyrne Dr.	23-170	I-55
Sewer Improvements: Gravity Sewer System at Indian River Service Area - Phase I (Pump Station #107 Upgrade)	35-170	I-56
Sewer Renewal: 18th Street	15-170	I-57
Sewer Renewal: Chesapeake Ave. (Guerriere to Ohio Sewer)	18-170	I-58
Sewer Renewal: Liberty St. (500 Block to Collingswood Ave.)	26-170	I-59
Sewer Renewal: SSES Implementation - Phase I	32-120	I-60
Sewer Renewal: SSES Implementation - Phase II (Indian River Area Study/PS #107 Upgrade)	33-120	I-61
Sewer Renewal: Westwood Ave. and Redstart Ave.	42-170	I-63
Sewer System Redesign/Construction: Albemarle Dr.	22-220	I-64
South Norfolk Improvements	45-120	I-65
Water & Sewer Pump Station Telemetry Installation and Upgrade	32-210	I-66
Water Control Laboratory - Upgrade HVAC	26-200	I-67
Water Production Security System Upgrades	31-200	I-68
Water Renewals: Waterline Upgrades - Phase I	71-120	I-69
Water System Renewal - Phase I	24-120	I-70
Western Branch Interconnect to Lake Gaston WTP	47-120	I-71
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Funded Projects		
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BMP Restoration Citywide	73-120	J-2
Citywide Outfall Re-Grading and Restoration	03-160	J-3
Citywide System Rehab	43-170	J-4
Citywide Undesignated Drainage - Phase III	07-150	J-5
Crestwood Master Drainage Plan Update - Phase I	70-230	J-6
Drum Creek Farms Drainage Improvements - Phase II	24-240	J-7
Elmwood Landing Area Drainage Improvements	25-230	J-8

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Stormwater		
Funded Projects (continued)		
Forest Lakes Outfall Improvements	26-230	J-9
Greenbrier Outfall Improvements	26-240	J-10
Hickory Ridge Outfall Improvements	27-230	J-11
John Street Area Outfall Improvements	25-240	J-12
Liberty St. Drainage System Replacement & Upgrade	34-210	J-13
Loxley Gardens Drainage Improvements - Phase II	23-220	J-14
Major Equipment Purchases - PW Stormwater Division	07-180	J-15
Neighborhood Drainage Improvements - Phase II	08-150	J-16
Nina Drive Area Outfall Improvements	27-240	J-17
Oakdale Area BMP and Drainage Improvements	09-150	J-18
Parkview Area Drainage Improvements	28-230	J-19
Resiliency & Reliability Program	29-230	J-20
Stormwater Mapping & Master Drainage Plan III	10-150	J-21
Stormwater Quality Program - Phase II	11-150	J-22
Stormwater		
Fully Funded Projects		
Border Rd. Area Drainage Improvements - Phase II	06-140	J-23
Colony Manor Outfall Improvements	72-120	J-24
D Street Drainage Improvements	04-130	J-25
Lamberts Trail Area Drainage Improvements	07-130	J-26
Master Drainage Improvements II	40-210	J-27
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Neighborhood Drainage Improvements - Phase I	05-121	J-29
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Old Mill Rd. Drainage Improvements (Crossing Replacement)	24-220	J-31
Partridge/Cloverdale Area Drainage Improvements	75-120	J-32
Royce Dr. Drainage Outfall Improvements	10-130	J-33
Scenic Blvd. Drainage Improvements	76-120	J-34
Shillelagh Rd. Drainage Outfall Improvements	77-120	J-35
Stormwater Mapping & Master Drainage Plan II	06-120	J-36
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Sunray Area Outfall Re-Grading	13-130	J-39
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Whittamore Rd. Outfall Improvements	20-200	J-41

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Funded Projects		
22nd Street Bridge Replacement	21-120	K-1
Advanced Right-of-Way Acquisition Program	30-230	K-2
Centerville Turnpike Bridge Rehabilitation	03-190	K-3
Citywide Guardrail Installation & Replacement	25-220	K-4
Citywide Sidewalk Installation	26-220	K-5
Citywide Traffic Signal Retiming - Phase I	31-220	K-6
Citywide Traffic Signal Retiming - Phase II	62-230	K-7
CTS - Chesapeake Expressway Renewals - Phase III - Variable Message Boards	32-230	K-8
CTS - Chesapeake Expressway Repaving - Phase I	28-240	K-9
CTS - Dominion Blvd./Veterans Bridge - Closed Circuit Television (CCTV)	34-230	K-10
Edwin Drive Improvements	29-240	K-11
Elbow Rd. Widening - Phase II	35-230	K-12
Flashing Yellow Arrow (FYA) Installation - Cedar Rd.	60-230	K-13
Flashing Yellow Arrow (FYA) Installation - Providence Rd./Mt. Pleasant Rd.	61-230	K-14
Flashing Yellow Arrow (FYA) Installation - Western Branch Blvd.	59-230	K-15
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George Washington Hwy. (US Route 17) Widening	37-230	K-17
George Washington Hwy. Milling & Paving	35-220	K-18
Intersection Improvements: Battlefield Blvd. at Albemarle Dr.	39-230	K-19
Intersection Improvements: Battlefield Blvd. at Volvo Pkwy.	40-230	K-20
Intersection Improvements: Butts Station Rd. at Kempsville Rd.	41-230	K-21
Johnston Road Ditch and Shoulder Improvements	30-240	K-22
Mt. Pleasant Rd. Widening - Phase II	42-230	K-23
Non-Arterial Street Repaving	07-190	K-24
Number 10 Lane Bridge - Replacement/Repairs	58-230	K-25
Oaklette Bridge (Indian River Road) - Replacement/Repairs	56-230	K-26
Old Mill Rd. Bridge - Replacement/Repairs	57-230	K-27
Pedestrian Sidewalk and Street Lighting - Poindexter St. at I-464 Overpass	44-230	K-28
Pedestrian Sidewalk for Industrial Ave. to Liberty St.	33-240	K-29
Repair & Maintenance Roads and Bridges - Phase IV	37-210	K-30
Right Turn Lane Extension: Greenbrier Pkwy. at Kempsville Rd.	45-230	K-31
Rural Roads Safety Improvement Program	41-210	K-32
Snowden St. Railroad Crossing Signals & Gates	32-240	K-33
Traffic Signals and Intersection Improvements - Phase III	28-220	K-34
Triple Decker Bridge Rehabilitation	46-170	K-35
Turn Lanes and Signal Modification: Hanbury Rd. at Johnstown Rd.	29-220	K-36

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Centerville Bridge Super Structure Repairs	44-170	K-38
Centerville Turnpike Bridge Feasibility Study	31-230	K-39
Chesapeake Expressway Administration Building Modifications	46-200	K-40
Chesapeake Expressway Guardrail Improvements	32-220	K-41
Chesapeake Expressway Interchange at Mt. Pleasant Rd.	30-220	K-42
CTS - Chesapeake Expressway Renewals - Phase Ib	26-161	K-43
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CTS - Chesapeake Transportation System Renewals - Phase II	35-210	K-45
Deep Creek AIW Bridge Replacement	08-180	K-46
Flashing Yellow Arrow (FYA) Installation - Battlefield Blvd.	33-220	K-47
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Gilmerton Auxiliary Counterweights Bridge Repairs	38-230	K-49
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Grade Crossing Safety Program II	03-120	K-53
Gum Road Multi-Use Path - Phase II	20-051	K-54
Intersection Improvements: Battlefield Blvd. at Great Bridge Blvd. & Kempsville Rd.	54-230	K-55
Left Turn Lane and Signal Modification: Volvo Pkwy. at Greenbrier Pkwy.	27-220	K-56
Mt. Pleasant Rd. Widening - Phase I	36-210	K-57
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Repair & Maintenance Roads and Bridges - Phase III	17-130	K-59
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Right Turn Lane and Signal Modification: Woodlake Dr. at Greenbrier Pkwy.	38-210	K-61
Right Turn Lane Extension: Battlefield Blvd. at Hickory High School	23-200	K-62
Right Turn Lane: South Norfolk Area (Campostella Rd. at Sunrise Ave.)	46-230	K-63
Right Turn Lanes: Deep Creek Area	47-230	K-64
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Traffic Signals and Intersection Improvements - Phase I	21-082	K-67
Traffic Signals and Intersection Improvements - Phase II	67-121	K-68
US Route 17 Wetland Mitigation (Dominion Blvd.)	23-061	K-69