

#### **CURRENT CONDITIONS**

Frederick County has grown significantly in the past two decades in both population and economic development, placing a significant demand upon the transportation system. Current County policy follows State Code guidance to ensure that new development offsets its impacts to the transportation system. A significant portion of congested roadways in the County can be linked to by-right development that does not offset its transportation impacts since it is not required by the Code of Virginia. This has had the greatest impact upon Interstate 81 and the primary highways in the County. Primary Highways include Routes 37, 522, 50, 7, 277 and 11.

Based upon the most recent Virginia Department of Transportation (VDOT) data available (2016) Frederick County has 1,853 lane miles of roadway that are part of the state system. As of 2019, VDOT estimates that vehicles traveled 3,323,511 miles per day on Frederick County roadways. This is an over 200% increase since 1990. The vast majority of this travel is focused upon the Interstate and Primary systems.

## Planning Activities

Transportation planning for Frederick County takes place in many ways. In addition to local comprehensive planning, Frederick County is a member of the WinFred Metropolitan Planning Organization. As part of that organization, the County participates in regional long-range planning and has access to resources for numerous other planning studies. In addition, the County annually updates the Frederick County Interstate, Primary, and Secondary Road Plans which highlight key priorities. Finally, the County also regularly conducts small area plans such as the Northeast Land Use Plan and the 277 Triangle Land Use Plan which focus on smaller portions of the County. With the exception of a situation where the small area plan is more detailed, any discrepancy between the two plans will be resolved by the Eastern Road Plan.

## Urban Areas

It is the County's policy to focus future growth in the Urban Areas, within the boundaries of the Urban Development Area (UDA) and Sewer and Water Service Area (SWSA). In addition, the County has taken additional steps for growth within the UDA by adopting a Transfer of Development Rights (TDR) ordinance which allows by-right residential development rights to be sold by landowners in the rural areas to landowners inside the UDA. Ultimately, while this results in increased traffic in the UDA, this is still a net financial benefit to the County. This allows the County and State to focus roadway improvements within the UDA as opposed to having to expand roadways throughout the entire County. The Eastern Road Plan is the guide to roadway development/improvements in and around the urban areas.

As of the year 2000 census, the urbanized portions of Frederick County, Winchester, and

Stephens City area reached the population threshold (50,000) that led to the federally required creation of a Metropolitan Planning Organization (MPO). In Frederick County the MPO boundary is concentrated around the development in the eastern section, and along Route 11 to West Virginia in the north, and to Stephens City in the South. Staffed by the Northern Shenandoah Valley Regional Commission, the MPO is responsible for creating a long-range transportation plan that meets air quality standards. The MPO is currently operating under the 2040 Metropolitan Transportation Plan; a planned update will be undertaken in 2021.

#### Rural Areas

Improvements to secondary roads in the more rural western portion of the County are focused on safety and maintenance as opposed to creating additional capacity. The possible exception to this would be areas where the Comprehensive Plan proposes the development of Rural Community Centers. Capacity and safety improvements to primary roadways in the rural areas will be addressed on an as needed basis.

Transportation funding for improvements in Frederick County have largely been accomplished through development proffers and the VDOT Revenue Sharing Program. Whenever possible, the County uses public-private partnerships to make improvements. Key examples of this include the Crossover Blvd. connection from Route 522 to the City of Winchester over I-81, Phase I of Renaissance Drive, and Snowden Bridge Blvd from Route 11 North to Milburn Road. The County is also active in the areas of rail access funding and economic development road access funding. In recent years new legislation has created additional revenue streams to fund transportation in the Commonwealth. The most important development for Frederick County has been the creation of the I-81 Fund, which provides additional gas tax revenue for projects along and related to the function of I-81. However, despite new state level funding for roads other than I-81, the VDOT Staunton District, in which Frederick County resides, continues to receive one of the lowest formula-based District Grant allocations in the state, which results in a significant backlog of critical needs projects. How the County, State, and Federal governments work together to create a long-term funding policy for transportation will have far reaching impacts on transportation systems in Frederick County.

The majority of construction in Virginia is funded through the Smart Scale Program (formerly HB2) and HB1887, which has significantly changed the process by which transportation projects will be funded within the Commonwealth. The stated purpose of the new system is to score transportation projects and remove politics from the decision-making process. Based on the Commonwealth Transportation Board (CTB) adopted criteria, economic development is the most influential factor in scoring criteria for Frederick County. The County will continue to coordinate with the Economic Development Authority (EDA) to highlight the economic development importance of key roadways and improvements. During the first round of the Smart Scale Program the County was successful on a number of applications, the most significant of which was Route 277 from I-81 Exit 307 to Double Church Road which includes widening, access management for safety and a realignment of the Aylor Road intersection away from the interchange. To date, that project, now under construction, remains Frederick

County's largest funded project under the SmartScale program.

#### **FOCUS FOR THE FUTURE**

In the next twenty to thirty years, it is expected that a number of key transportation milestones will be reached. The issue of long-term road construction funding must be resolved, which will allow significant transportation system improvements to move forward. Most crucial is the completion of the Route 37 Eastern bypass, which is critical for both residential and economic development traffic. Completion of this roadway has been a top priority for Frederick County for many years. The next most needed project in the County is the update of the Exit 317 Interchange, which the County has applied for through SmartScale several times at this point. The Eastern Road Plan will continue to guide road projects and will evolve to address the long-range transportation needs of the County.

The County will work to ensure that development and transportation agencies routinely design and operate the entire right-of-way to enable safe access for drivers, transit users and vehicles, pedestrians, and bicyclists, as well as for older people, children, and people with disabilities. In addition, the process of developing this plan considers how to align transportation infrastructure and facilities with affordable, accessible housing and community services that are located within the territory in order to facilitate community integration of the elderly and persons with disabilities. These goal aims to balance the diverse needs of all users of the public right-of-way and promote an integrated, multi-modal (or multiple modes of transportation) transportation system. Simply put, when roads in the secondary and primary system are being improved this means that the County will consider all potential users of the transportation system when making improvements or, working with development, or constructing new facilities. This goal will benefit Frederick County as it addresses important safety, health, and environmental considerations, and promotes growth and revitalization within the Community.

Over time, it is expected that private transit options will begin to play a larger role in Frederick County's transportation network. This would likely begin with demand type services for the special need's populations, elderly, and disabled. The County has routinely supported applications for funding to the state for providers of these services through the MPO.

As densities increase in the UDA and citizen preferences continue to shift, it is expected that bicycle and pedestrian accommodations will continue to increase in importance. The Frederick County School System has now opened more than one elementary school with incorporated walk zones and they plan to continue promoting of this type of school.

Finally, with the growth potential of the Virginia Inland Port in Warren County, Frederick County has experienced and can expect a continuing increase in freight movement via rail and roadways. The development of the County's transportation infrastructure should continue to address transportation improvements that will further the economic growth of the Community. This would also include future growth of the Winchester Regional Airport.

#### **COMMUNITY BENEFITS**

The benefits to the Community of a healthy transportation system are immeasurable. An efficient transportation system leads to communities that are less stressed, healthier, less polluted, safer, and more attractive to economic development opportunities and new residents.

A policy that creates an interconnected system of bicycle and pedestrian facilities will lead to a healthier community as well as increased home values. Removal of cars from the roadway would reduce congestion and air pollution. The mixed-use land use pattern promoted by New Urbanism and the urban center concept of this Plan further promotes these policies.

The transportation system is also a key consideration for business looking to expand or locate in a community. An efficient transportation system will make the County more attractive to new businesses and will also keep existing businesses from looking to locate elsewhere. In addition, continued focus on intermodal opportunities (the transfer of goods between different transportation modes such as truck to rail or air) in the area will make the County more attractive to businesses looking to take advantage of rail sidings or locations near the airport. The County's willingness to support both road and rail access funding has already led to increased economic development interest. The result is more jobs for County citizens as well as a more valuable and diverse tax base.

As residential and commercial development continues, increasing demands will be placed upon the County's transportation infrastructure. Challenges will continue to be placed on the County by users of Interstate 81 and commuters through the area.

The role of Frederick County is to first plan the transportation system and then work with new and existing development to preserve corridor right-of-ways and implement construction needs. The State and Federal government, as well as private development, carry the primary responsibility to fund transportation improvements necessary to ensure the future health of the County's transportation network. However, it may be necessary to consider strategic local funding contributions in order to leverage State and Federal funds, or match and incentivize private investment.

## **GOALS/STRATEGIES**

**GOAL 1:** TO PROMOTE THE DEVELOPMENT OF NEW ROADWAYS AND THE REDEVELOPMENT OF EXISTING ROADWAYS IN A MANNER THAT MAKES THEM OPEN, AVAILABLE, AND SAFE TO ALL MODES OF TRANSPORTATION.

#### **STRATEGIES:**

 Match desired form of development to roadway classification to simplify the determination of which roadways receive which treatment. That is, different types of streets for different land uses. For example, while some roadways would require a separate bicycle and pedestrian trail in order to be more accessible to bicyclists and pedestrians. In rural areas a wider shoulder section may be more appropriate.

- Work with new development and redevelopment to implement this policy and the overall transportation plan. This may require analysis and modification of the existing subdivision ordinance.
- Work cooperatively with the School Board to identify school locations that meet both school and County goals of public access and safe walkability.
- Seek outside funding sources to fill in gaps in order to attach separate segments and create a fully interconnected system.
- Continue to monitor the County ordinances to ensure they meet the shifting needs of facility planning and VDOT standards.

GOAL 2: IMPLEMENT THE ROADWAY PRIORITIES OF THE COUNTY AS OUTLINED ANNUALLY IN THE CAPITAL IMPROVEMENT PLAN, THE INTERSTATE, PRIMARY AND SECONDARY ROAD PLANS, AND THE EASTERN ROAD PLAN, AND PARTICULARLY ROUTE 37 EAST.

### **STRATEGIES**:

- Work with new development and redevelopment to implement the Eastern Road Plan through construction and preservation of rights-of- way.
- Continue to work closely with VDOT, State and Federal representatives, and any other available revenue sources to increase transportation funding.
- In the absence of outside funding, continue to protect rights-of-way and move forward on planning transportation priorities.
- Coordinate with VDOT to make sure the required percentage of maintenance funds to be spent on other accommodations is used on County priorities.
- Maintain the character of the rural roadways in the County while addressing safety issues as they may arise.

# **GOAL 3:** IMPROVE UPON EXISTING TRANSPORTATION SAFETY AND SERVICE LEVELS IN THE COUNTY.

### **STRATEGIES**:

• Coordinate with VDOT in the scoping and review of Traffic Impact Analyses (TIA).

- Analyze VDOT Access Management standards and, when needed, adopt County standards that are stronger.
- Work with new development and redevelopment to ensure that trip generation and new movements do not degrade the transportation system, increase delays, or reduce service levels.
- Create an informal working group with Staff, VDOT, and law enforcement to identify and address safety concerns with coordination to be handled by Planning and Development and the Board's Transportation Committee (TC).

# **GOAL 4:** KEEPING THE COST OF INDUSTRIAL PROPERTY COMPETITIVE. WORK TO ENHANCE USE OF INTERMODAL FREIGHT MOVEMENT WHEREVER POSSIBLE.

### **STRATEGIES**:

- Coordinate with local business to maximize the use of Economic Development Road Access funding, as well as Rail Access funding.
- Actively work with rail carriers through the Economic Development Authority to maximize the amount of material that is shipped into and out of Frederick County via rail.
- Perform a study to discern where opportunities to bring air freight into the regional airport may be available.
- Work to encourage and maximize opportunities presented by expansion of the Virginia Inland Port.
- Make use of revenue sharing funds for development of industrial property when the Board of Supervisors determines that it is in the best interest of Frederick County.
- Incorporate the Airport Master Plan into the County planning efforts.

# **GOAL 5:** IMPROVE THE BEAUTY OF TRANSPORTATION CORRIDORS AT THE COUNTY GATEWAYS AND ALONG COMMERCIAL ROADWAYS.

#### **STRATEGIES**:

- Work with VDOT to create roadway design plans that meet standards while beautifying local gateways and commercial corridors.
- Through the Transportation Committee, develop a plan and actively promote corridor beautification. This should include working with local institutions to create more attractive County entrances into their facilities.

**GOAL 6:** ENSURE SAFE OPERATION OF FIRE AND RESCUE VEHICLES AND SCHOOL BUSSES.

# **STRATEGIES**:

- Investigate the existence and potential removal of barriers between neighborhoods that lead to delays in response, particularly for the Greenwood and Millwood Companies.
- Promote the adoption of a uniform locking technology acceptable to the Fire and Rescue Department for use on gated and locked emergency access points.
- Analyze driving, road, and parking standards and actively seek the Fire and Rescue Department input for driveways and roads to ensure that all approved developments are accessible by fire equipment.

**GOAL 7:** PROVIDE COST-EFFECTIVE ALTERNATIVES TO AUTOMOBILE TRAVEL AS NEEDED, FOR THE ELDERLY, DISABLED, STUDENTS, AND WORKFORCE.

#### **STRATEGIES**:

- Coordinate with existing agencies such as the Shenandoah Area Agency on Aging (SAAA) and Access Independence to secure outside funding to enhance service to the elderly and disabled in the community.
- Make use of the Winchester-Frederick Metropolitan Planning Organization (MPO) resources to identify areas of most critical need.
- Monitor existing data source updates to determine areas of growing need.

#### STATE CODE COMPLIANCE

The Code of Virginia, Section 15.2-2222.1, states specific requirements for the development of a transportation plan as it relates to comprehensive plans:

B.1. As part of the comprehensive plan, each locality shall develop a transportation plan that designates a system of transportation infrastructure needs and recommendations that include the designation of new and expanded transportation facilities and that support the planned development of the territory covered by the plan and shall include, as appropriate, but not be limited to, roadways, bicycle accommodations, pedestrian accommodations, railways, bridges, waterways, airports, ports, and public transportation facilities. The plan shall recognize and differentiate among a hierarchy of roads such as expressways, arterials, and collectors. In developing the plan, the locality shall take into consideration how to align transportation infrastructure and facilities with affordable, accessible housing and community services that are located within the territory in order to facilitate community integration of the elderly and persons with disabilities. The Virginia Department of Transportation shall, upon request,

provide localities with technical assistance in preparing such transportation plan.

B.2. The transportation plan shall include a map that shall show road and transportation improvements, including the cost estimates of such road and transportation improvements from the Virginia Department of Transportation, taking into account the current and future needs of residents in the locality while considering the current and future needs of the planning district within which the locality is situated.

This chapter has been reviewed by VDOT officials and has been determined to meet the requirements outlined in state code.

#### **PLANNING ASSUMPTIONS**

While many factors impact changes in transportation needs and patterns, the most significant factors impacting the transportation system in Frederick County are population and employment growth. Desired patterns for that growth and policies and strategies to support those patterns are outline earlier in this chapter of the Comprehensive Plan. As noted in the WinFred MPO 2040 Metropolitan Transportation Plan, the population for the entire planning area (Frederick County and the City of Winchester) is expected to reach 151,408 by 2040. This is a decrease from the previously expected horizon year population of 153,945 from the 2035 MPO plan. Employment in the planning area which was 23,499 in 2010 is expected to reach 93,000 by 2040. This growth is expected to add significant stress to the Frederick County transportation system.

#### **NEEDS ASSUMPTIONS**

A number of factors aid in determining near and long term needs in the County. While the most key input in determining needs and impacts is the modeling processes undertaken through the WinFred Metropolitan Planning Organization, many factors help in determining needs such as coordination with the Virginia Department of Transportation, safety concerns, maintenance needs, citizen concerns, and economic development. Shown below are the 2040 Projected Volumes and Volume/Capacity Ratio maps from the modeling work done with the WinFred Metropolitan Planning Organization. These modeling outputs are a significant tool in determining and vetting near term as well as long range transportation needs. Some of the County's most immediate near-term needs are as follows:

### Route 37

Route 37 has long been the County's top priority, and this continues to be true. The completion of the Route 37 loop around the eastern portion of the County will not only relieve congestion on numerous local routes that have become congested as the County has grown, but also offers relief on I-81 by helping to remove local trips from the interstate as well as offering an additional relief valve when there are incidents that lead to I-81 delays or closures. The segment of Route 37 that is of top priority is from I-81 exit 310 to Route 522. This segment offers important additional connectivity between I-81 and Route 522, which, in

addition to significantly aiding local travel, will offer improved access to the Virginia Inland Port. This roadway is also expected to ease congestion on Route 277 and at Exit 313.

### I-81 Exit 313 Bridge

The I-81 Exit 313 Bridge replacement has been funded by VDOT, however relatively few funds on the project allow for increased capacity. The need for significant capacity improvements at this interchange remains a priority.

## I-81 Exit 317 and Redbud Road

There are currently two projects that are being pursued for this area at this time.

The first project would realign the northbound exit ramp of I-81 onto Route 11 to the location where Redbud Road currently intersects Route 11. This would align the interstate ramps which are currently offset and allow the removal of a signal on Route 11 north. In addition, this project would realign Redbud Road to a new intersection with Snowden Bridge Boulevard. This project is expected to aid congestion and improve safety at this area of Route 11 North as well as reduce stacking of traffic at the exit ramps.

The second project, which is more costly, would implement a more long-term solution in the form of a diverging diamond interchange.

With good design and planning, it is possible that the first project could be done in a way to provide nearer term relief while the County continues to pursue the larger solution for the long term without creating throwaway improvements.

# **Route 11 North Corridor Widening**

Modeling of the expected development along the Route 11 North corridor indicates a need for widening and access management to the entire corridor with the corridor to become 6 lanes to Cedar Hill Road and 4 lanes to the West Virginia State line. The most immediate need is to widen from Route 37 to Old Charlestown Road.

## **Route 11 South**

Route 11 South, particularly in the vicinity of Apple Valley Road, Commonwealth Court, and the interchange with Route 37 is becoming increasingly congested as surrounding area economic development has taken place.

# **Additional near-term needs:**

Back Mountain Road Safety Improvements Study

• Complete a comprehensive safety evaluation of Back Mountain Road to determine areas where targeted improvements can be made to improve safety through the corridor.

### Valley Mill Road Realignment (East)

Realign the western terminus of Valley Mill Road at Route 7 from the Exit 315 interchange ramp to a signalized intersection at Gateway Drive. Eliminate or reduce access at the current location. This will reduce conflict and improve traffic flow throughout the area.

#### Valley Mill Road Realignment (West)

• Realign the eastern terminus of Valley Mill Road at Route 7 from the current location to align with the future Route 37 ramp area. This will improve safety of the existing intersection as well as reduce conflicts in the future.

### Route 277 from Double Church Road to Warrior Drive

 Phase II of the Route 277 widening and access management. This will create a 4-lane divided facility with fewer and consolidated access points to improve capacity and traffic flow as well as provide increased safety.

#### Jubal Early Drive Extension and Interchange with Route 37

 Extension of existing Jubal Early Drive as a 4 laned divided facility from the City of Winchester and interchange with Route 37 at the location of the current Merrimans Lane bridge. This would include a partial realignment of Merrimans Lane to an intersection with the new Jubal Early Drive section.

# Intersection of Crestleigh Drive and Senseny Road

• Installation of a westbound left turn lane at the intersection of Senseny Road and Crestleigh Drive to improve safety.

# Apple Valley Road/Route 11 Intersection Improvements

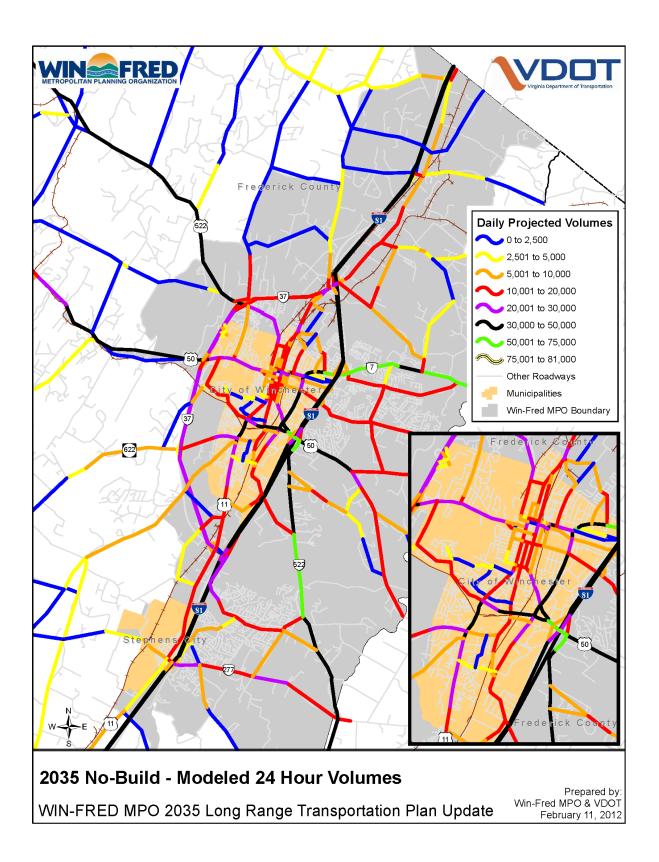
 Installation of a continuous green T design at the intersection of Apple Valley Road and Route 11 to improve Safety and traffic flow as recommended in the Route 11 STARS study.

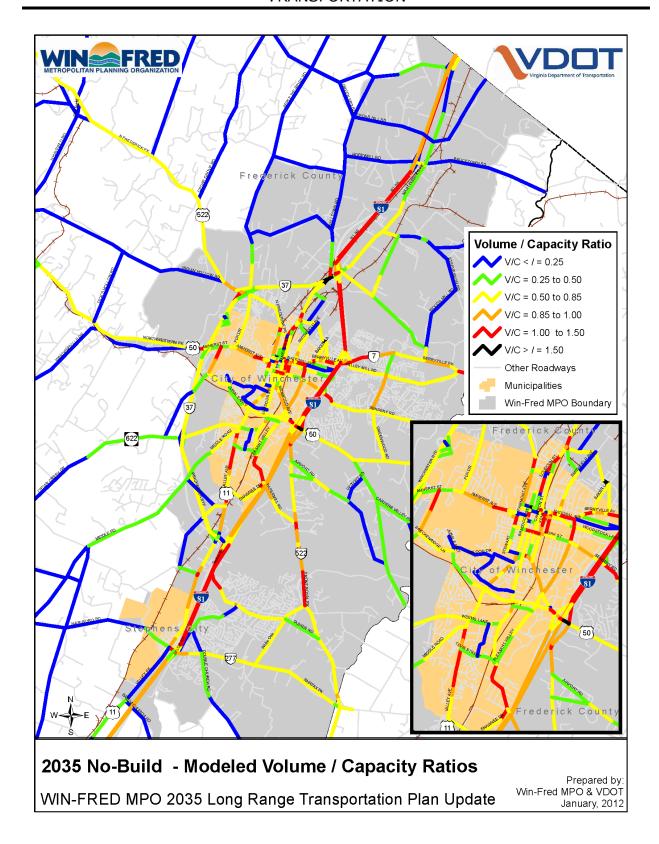
## Warrior Drive extension to Brandy Lane and Brandy Lane upgrade:

Extension of existing Warrior Drive south past Sherando High School to an intersection
with Brandy Lane and upgrade of Brandy Lane from that point to Double Church Road
to bring it to state standards and adoption into the state system. This would improve
traffic flow into and around the school property and ease congestion at the intersection
of Route 277 and Warrior Drive.

#### Hopewell Road/Brucetown Road Intersection Alignment

 Alignment of the Hopewell Road intersection with Route 11 to meet the Brucetown Road intersection with Route 11. This will eliminate substandard intersection spacing and reduce traffic conflicts in this area.





#### **RECOMMENDATIONS**

Project recommendations are included in the Current Needs Projects maps as well as the Eastern Road Plan which shows near and long-range transportation needs. Please note that while the map of existing inventory and functional classifications shows the entire County, the maps depicting the planned transportation improvements are zoomed in to the areas where improvements are called for to improve readability of the maps. Below please find a table of projects which are currently in the VDOT Six Year Improvement Program and that have been recently applied for through the VDOT SmartScale process.

VDOT UPC	Description	Route	Estimate	Notes
			(Values in Thousands of Dollars)	
113895	ABRAMS CREEK	657	\$1,090	
	TRAIL - FREDERICK			
	COUNTY			
116040	ROUTE 11 AND I-81	11	\$412	
	RAMP			
	IMPROVEMENTS			
	EXIT 307 AND 317			
113535	#SGR19VB - RT	17	\$31,329	
	17/50/522 MILLWOOD			
	PIKE BRIDGE OVER I-			
	81			
88820	I-81 INTERCHANGE	81	\$721	
	STUDY FOR EXIT 313			
	(PE ONLY)			
109376	#HB2.FY17 I-81 EXIT	81	\$1,744	
	323 SB ACCEL AND			
	NB DECEL LANE			
	EXTENSION			
111056	#SMART18 - (ST) I-81	81	\$323	
	EXIT 315			
	NORTHBOUND			
	DECEL LANE EXT			
112900	I-81 - INSTALL HIGH	81	\$2,240	
	TENSION CABLE			
	BARRIER			
115181	#SMART20 I-81 EXIT	81	\$3,209	
	317 ACCEL/DECEL			
	LANE EXTENSIONS			
115717	#SMART20 I-81 EXIT	81	\$5,264	
	313 BRIDGE			
	CAPACITY			
	IMPROVMENT			

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115803	#I81CIP NB EXIT 304	81	\$1,766	
	EXTEND			
	DECELERATION			
	LANE (ID #49)			
115870	#I81CIP NB EXIT 302	81	\$445	
	EXTEND			
	DECELERATION			
	LANE ( ID #48)			
116236	#I81CIP NB EXIT 302	81	\$894	
	EXTEND			
	ACCELERATION			
	LANE (ID #47)			
T25555	#SMART22 - ROUTE 7	7	\$1,000	
	STARS ACCESS			
	MANAGEMENT			
	PROJECTS			
112936	RT 11 S.	11	\$1,701	
	KERNSTOWN			
	WIDENING AND			
	RAMP - FREDERICK			
	COUNTY			
117944	#81CIP DETOUR	11	\$900	
	IMPROVEMENTS -			
	EXIT 310 AND EXIT			
	317			
107020	RTE 37 - SAFETY	37	\$3,088	
	IMPROVEMENTS			
107022	RTE 50 - SAFETY	50	\$4,800	
	IMPROVEMENTS			
112615	RTE 50	50	\$1,170	
	INTERSECTION AT			
	INDEPENDENCE DR			
	(NFCU)			
18003	#HB2.FY17 RTE 277 -	277	\$42,144	
	WIDEN TO 5 LANES			
110396	#HB2.FY17 RTE 277 -	277	\$38,766	
	WIDEN TO 5 LANES			
	GARVEE DEBT			
	SERVICE			
111227	#SMART18 - (ST)	277	\$477	
	INTERSECTION OF			
	RTE 277 AND			
	WARRIOR DR			
78825	ROUTE 522, FRED.	522	\$4,329	
	CO., STR. ID 08156			
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	BRG REPL. FED ID-			
112062	08156	(21	<b>#210</b>	
113063	RT.631-INSTALL FLASHING LIGHTS	631	\$310	
	AND GATES			
113062	RT.638-UPGRADE	638	\$310	
113002	EXISTING FLASHING	038	\$310	
	LIGHTS AND GATES			
110986	RT.661-INSTALL NEW	661	\$206	
110900	CONTROL HOUSE	001	\$200	
	&TRACK			
	REDUNDANT			
	DETECTOR			
114900	RT.664- UPGRADE TO	664	\$425	
114900	FLASHING	004	φπ23	
	LIGHTSAND GATES			
110985	RT.672-UPGRADE	672	\$100	
110703	CABINET,	072	Ψ100	
	CIRCUITRY AND			
	RAISE CANTILEVER			
110988	RT.672-REALIGN	672	\$260	
110,00	CURVE, RAISE ROAD	0 / <b>2</b>	<b>\$200</b>	
	& INSTALL			
	CONCRETE SURFACE			
90173	RTE 623 - REPLACE	623	\$3,151	
	BRIDGE OVER			
	CEDAR CREEK VA			
	STR. 6908			
111060	#SMART18 - (ST) RTE	655	\$2,540	
	655 - INTERSECTION			
	RECONSTRUCTION			
86316	#SGR17VB - BR REPL	723	\$1,964	
	RT 723 OVER			
	OPEQUON CREEK VA			
	STR 6904			
109326	#HB2.FY17 FOX	767	\$483	
	DRIVE TURN LANES			
87616	REVENUE SHARING -	788	\$13,237	Revenue
	TEVIS STREET			Sharing
	EXTENSION			
113943	RENAISSANCE	873	\$4,217	Revenue
	DRIVE PHASE II			Sharing
104262	AIRPORT ROAD AND	896	\$8,710	Revenue
	WARRIOR DRIVE			Sharing
	EXTENSION			

ROUTE 11 AT OLD CHARLETOWN ROAD ROUNDABOUT EXIT 317 DIVERGING DIAMOND INTERCHANGE	11/761 I-81/11	\$6,357 \$40,395	Smartscale Application Smartscale Application
EXIT 317 NB EXIT RAMP RELOCATION TO LOCATION WHERE REDBUD ROAD CURRENTLY TIES INTO ROUTE 11 NORTH AND REALIGNMENT OF REDBUD ROAD TO SNOWDEN BRIDGE BLV	81/661/11	\$6,944	Smartscale Application
ROUTE 7 STARS IMPROVEMENTS	7	\$1,000	Smartscale Application
ROUTE 11 SOUTH AT THE CITY/COUNTY LINE CORRIDOR AND INTERSECTION IMPROVEMENTS IN THE VICINITY OF SHAWNEE DRIVE AND OPEQUON CHURCH LANE	11	\$4,598	Smartscale Application

