

BERRYVILLE TOWN COUNCIL STREETS AND UTILITIES COMMITTEE
MEETING AGENDA
Berryville-Clarke County Government Center
101 Chalmers Court, Second Floor
A/B Meeting Room
Regular Meeting
October 24, 2017
Noon

<u>Item</u>	<u>Attachment</u>
1. Call To Order	
2. Approval of Agenda	
3. Project Updates	
Water/Wastewater	
Water/Sewer User and Availability Fee Study	
Water Tank Painting Project	
Treadwell Street Phase 2	
Other	
Properties	
Public Works Pole Barn	
Smithy Cottage	
Livery Stable	
Other	
Streets	
Traffic Signal Timing	
Swan Ave walking path / demolition of sidewalk	
Crosswalks	
FY2019 Street Work Priorities	1
East Main Street improvements	2
South Buckmarsh improvements	3
Other	
4. Closed Session	No Closed Session Scheduled
5. Other	
6. Adjourn	

↑ Denotes an item on where a motion for action is included in the packet

Attachment 1

This is the first draft of the FY 2019 Street Work Priorities. In response to the draft agenda, The Mayor requested that work on Town Streets also be included.

Please find attached:

- Draft VDOT Funded Secondary System Maintenance / Street Work Priorities FY 2019
- Future Paving Projects to consider
- Draft Town Funded Street Maintenance / Street Work Priorities FY 2019
- VDOT Funded Secondary System Maintenance / Street Work Priorities FY 2018

Discussion of these projects, particularly the future projects under consideration, will involve a discussion about utility projects and funding thereof.

VDOT Funded Secondary System Maintenance / Street Work Priorities

FY 2019

VDOT Reimbursement Limit \$ 521,000

Work Items and Equipment Purchase

Patch/Repair trouble areas in streets \$ 20,000

Sidewalk repair \$ 17,000

Engineering \$ 5,000

Equipment Purchase/Maintenance/Repair \$ 51,000
(1/2 Purchase 1 ton truck (26,000) Maintenance/Repair (25,000))

Routine Street Maintenance (snow removal, tree trimming,
drainage ditch cleaning, street cleaning, etc.) \$ 100,000

Subtotal \$ 193,000

Funds available within Reimbursement \$ 328,000

Specific Street Repair Work Priorities

Summer and fall (2018) Paving

Treadwell Street (from Smith Street to Dorsey Street and
from Willow Lane to Buckmarsh Street) \$ 50,000

South Church Street (from Taylor Street to South Buckmarsh Street) \$ 71,000

Rosemont Circle \$ 37,000

Swan Avenue (from South Buckmarsh Street west to terminus) \$ 50,000¹

Total Summer/Fall (2018) \$ 208,000

Spring and summer (2019) Paving

Rice Street \$ 40,000

First Street \$ 80,000

Total Spring/Summer (2019) \$ 120,000

¹ Estimated cost includes paving, engineering and construction of improvements to shoulder and engineering and construction a drainage improvement

* Actual Cost

Draft Submitted to Streets and Utilities 10/24/17

Future Paving Projects to consider

Hermitage Blvd. \$260,000

This is one of four collector roads in Berryville. This important street section is showing its age and needs attention in the near future. While it is desirous to complete this work, Phase 5 of the Hermitage Subdivision has not been completed. The construction of Phase 5 will put a good bit of wear on the street. It is staff's understanding that work on Phase 5 is expected to start this year. As such, at this time staff recommends review of this matter next year and giving strong consideration to completing this project in FY20.

Josephine Street \$125,000

At this point this dead end street is holding up well. The eastern portion of the street (from Berryville Graphics entrance to the eastern terminus), which was in poor condition, was paved in 2015. While the street does not get a great deal of traffic and is a present in good condition, it will be an expensive paving project and it is important for the Council to have it on its radar.

The Town utilities on the street also need to be a part of the discussion. Several years ago a water main was extended just over 400 feet into Josephine Street from Church Street. The 10-inch main was extended to improve fire protection in the area. In the future it is desirous to extend the new main, replace laterals, and abandon original 4" water main. This work should be done before any paving project is completed.

Bel Voi \$ 40,000

This low volume dead end street is deteriorating. The street that feeds this section (Battletown Drive), was paved in 2016.

The Town utilities on the street need to be a part of this project. The water main in Battletown Drive was updated in 2016. It is expected that a portion of the water main that extends from Main Street to the western terminus of Bel Voi will be replaced when the property surrounding the hardware store is developed. Before the street is paved the water main in Bel Voi should be replaced.

Town Funded Street Maintenance / Street Work Priorities

FY 2019

Repair and seal Virginia Avenue

\$ 16,000

Please note that this project has been included in the current CIP. It is also important to note that staff would like to discuss expanding the project beyond that which was anticipated when the CIP was first submitted. Further, staff will discuss drainage issues that exist in the area.

Draft Submitted to Streets and Utilities 10/24/17

VDOT Funded Secondary System Maintenance / Street Work Priorities
FY 2018

<u>VDOT Reimbursement Limit</u>	\$ 521,000
<u>Work Items and Equipment Purchase</u>	
Patch/Repair trouble areas in streets	\$ 20,000
Sidewalk repair	\$ 15,000
Engineering	\$ 5,000
Public Works Pole Barn	\$ 140,250
Equipment Purchase/Maintenance/Repair (purchase backhoe (53,040*), tractor (26,102*), signs (5,000), and safety equipment (1,500). Maintenance (27,358)	\$ 113,000
Routine Street Maintenance (snow removal, tree trimming, drainage ditch cleaning, street cleaning, etc.)	\$ 100,000
<u>Subtotal</u>	\$ 393,250
<u>Funds available within Reimbursement</u>	\$ 127,750
<u>Specific Street Repair Work Priorities</u>	
<i>Summer and fall (2017) Paving</i>	
Jackson Drive	\$ 55,592*
Ewell Court	\$ 13,044*
Treadwell Street	\$ 8,852*
Total Summer/Fall (2017)	\$ 77,488*
<i>Spring and summer (2018) Paving</i>	
Treadwell Street (from Smith Street to Crown Street)	\$ 7,500
Rosemont Circle	\$ 37,000
Total Spring/Summer (2018)	\$ 44,500
<u>Remaining within Reimbursement</u>	\$ 5,762

* Actual Cost

Approved by Town Council 10/10/17

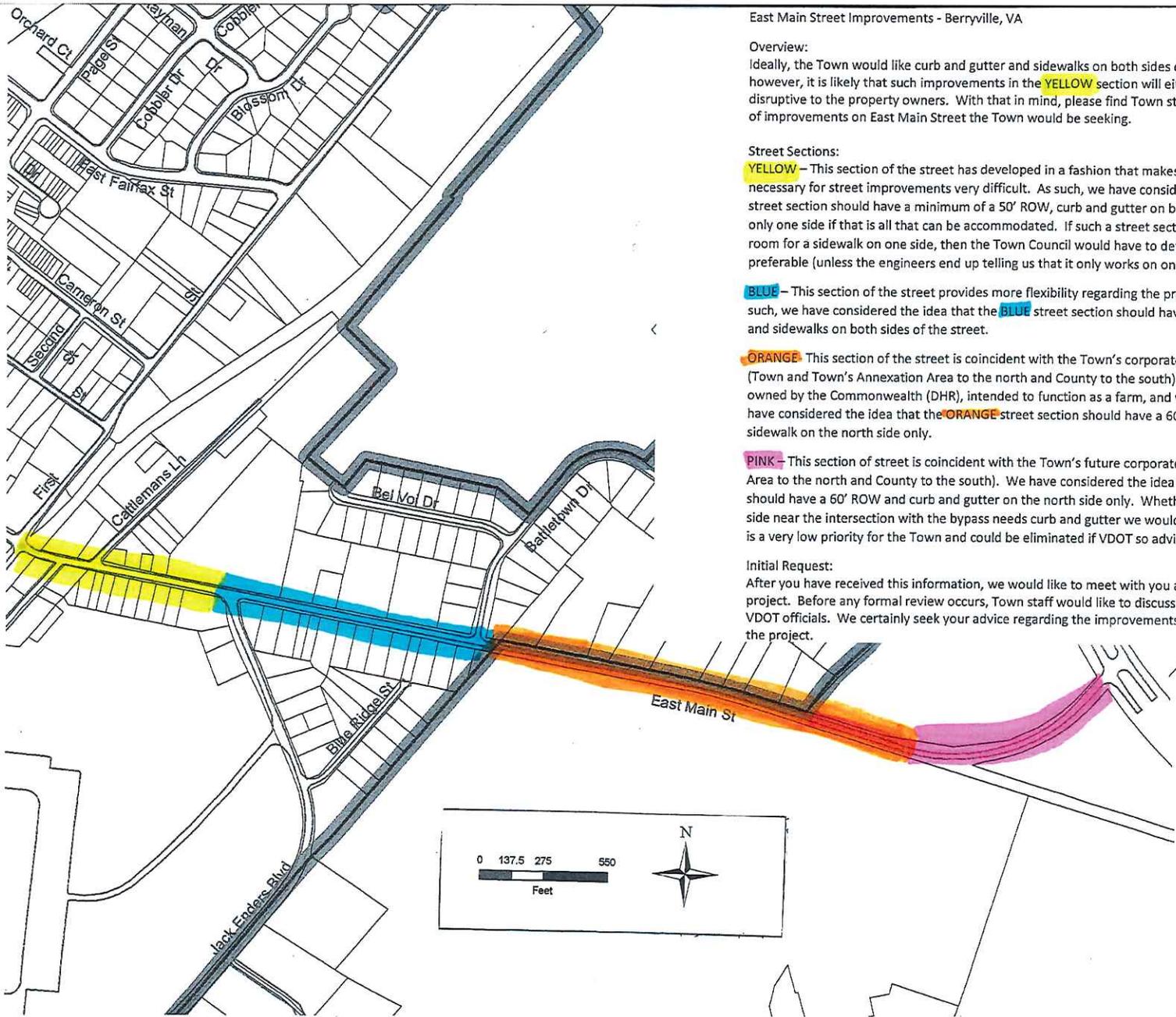
Attachment 2

In May 2017, Town staff forwarded the attached document to VDOT. VDOT will use the document to develop a schematic plan that can be used for creation of project cost estimates and other details necessary for a Smart Scale application.

Please find attached:

- Sketch provided to VDOT in May 2017

Staff is working to make contact with the correct person at VDOT to discuss this project and a potential project on South Buckmarsh Street.



East Main Street Improvements - Berryville, VA

Overview:
 Ideally, the Town would like curb and gutter and sidewalks on both sides of the improved street section; however, it is likely that such improvements in the **YELLOW** section will either be impossible or very disruptive to the property owners. With that in mind, please find Town staff's thoughts about what sort of improvements on East Main Street the Town would be seeking.

Street Sections:
YELLOW – This section of the street has developed in a fashion that makes the widening of the ROW necessary for street improvements very difficult. As such, we have considered the idea that the **YELLOW** street section should have a minimum of a 50' ROW, curb and gutter on both sides, and a sidewalk on only one side if that is all that can be accommodated. If such a street section and ROW only provides room for a sidewalk on one side, then the Town Council would have to determine which side was preferable (unless the engineers end up telling us that it only works on one side).

BLUE – This section of the street provides more flexibility regarding the practicality of a wider ROW. As such, we have considered the idea that the **BLUE** street section should have a 60' ROW, curb and gutter, and sidewalks on both sides of the street.

ORANGE – This section of the street is coincident with the Town's corporate limits/future corporate limits (Town and Town's Annexation Area to the north and County to the south). The property to the south is owned by the Commonwealth (DHR), intended to function as a farm, and will not develop. As such, we have considered the idea that the **ORANGE** street section should have a 60' ROW, curb and gutter and sidewalk on the north side only.

PINK – This section of street is coincident with the Town's future corporate limits (Town's Annexation Area to the north and County to the south). We have considered the idea that the **PINK** street section should have a 60' ROW and curb and gutter on the north side only. Whether some portion of the south side near the intersection with the bypass needs curb and gutter we would leave to VDOT. This section is a very low priority for the Town and could be eliminated if VDOT so advised.

Initial Request:
 After you have received this information, we would like to meet with you and walk the proposed project. Before any formal review occurs, Town staff would like to discuss the matter in detail with VDOT officials. We certainly seek your advice regarding the improvements that should be included in the project.

Attachment 3

24 October 2017
Discussion

South Buckmarsh Street Improvements

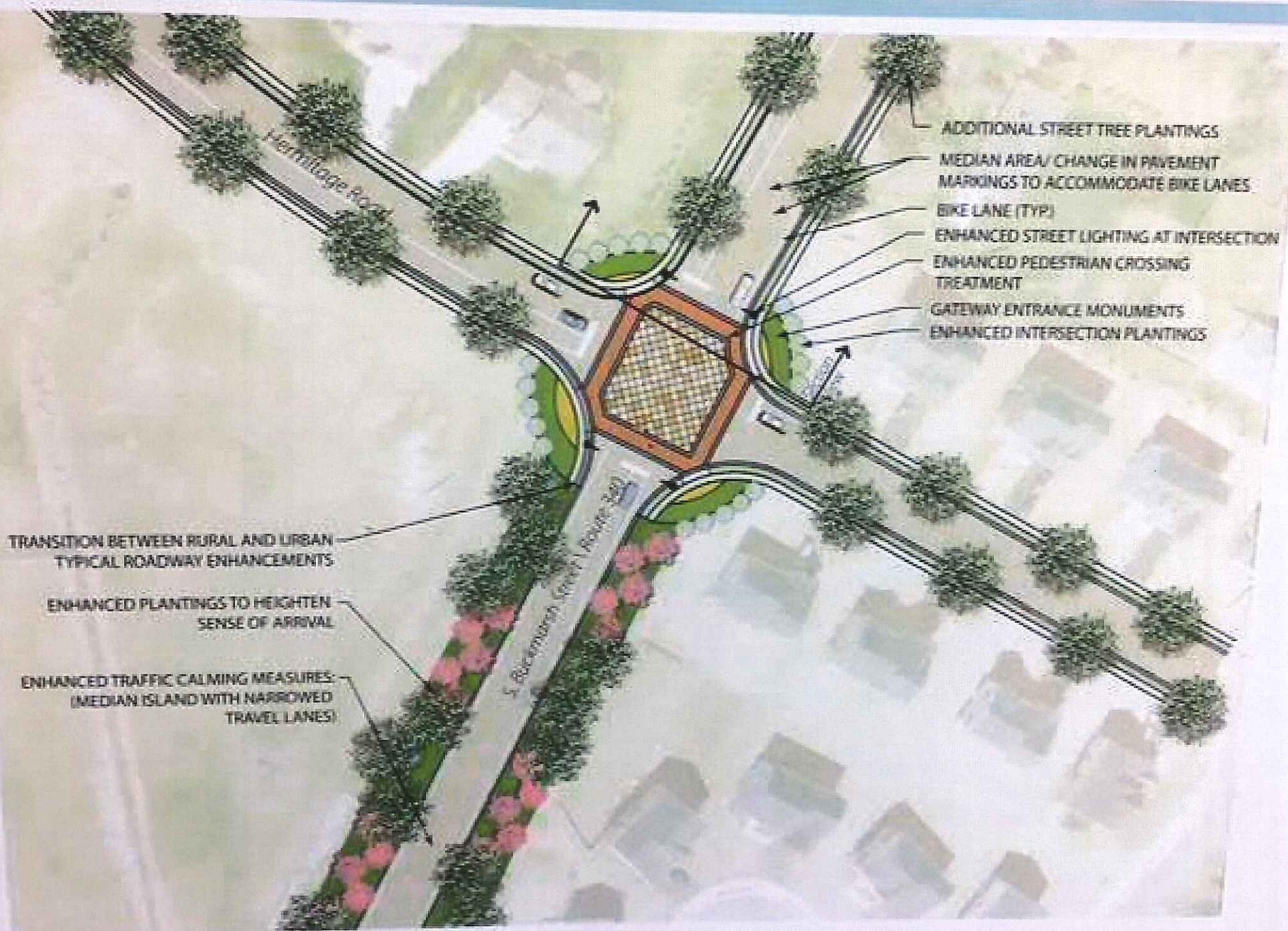
Staff would like to forward the attached sketch to VDOT who, if acceptable, would use the document to develop a schematic plan that can be used for creation of project cost estimates and other details necessary for a Smart Scale application. Extension of a sidewalk on the east side of South Buckmarsh from Hermitage to Swan Avenue should also be included in the application.

Please find attached:

- Pedestrian safety / Traffic calming sketch prepared for VDOT and the Town as a part of the Shenandoah Valley Transportation Context Study

Staff is working to make contact with the correct person at VDOT to discuss this project and a potential project on South Buckmarsh Street.

Plan View:



TRANSITION BETWEEN RURAL AND URBAN
TYPICAL ROADWAY ENHANCEMENTS

ENHANCED PLANTINGS TO HEIGHTEN
SENSE OF ARRIVAL

ENHANCED TRAFFIC CALMING MEASURES
(MEDIAN ISLAND WITH NARROWED
TRAVEL LANES)

ADDITIONAL STREET TREE PLANTINGS

MEDIAN AREA/ CHANGE IN PAVEMENT
MARKINGS TO ACCOMMODATE BIKE LANES

BIKE LANE (TYP)

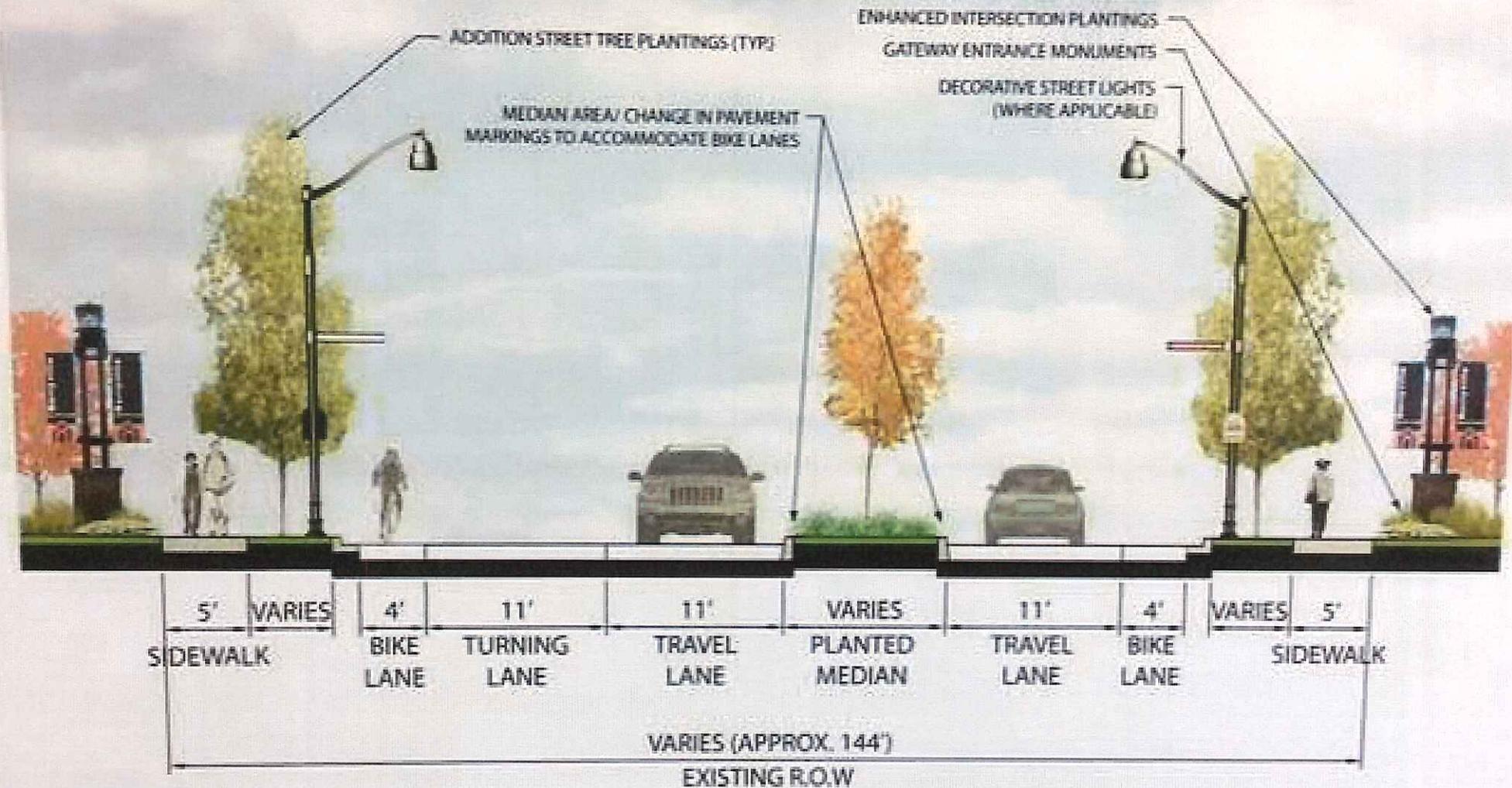
ENHANCED STREET LIGHTING AT INTERSECTION

ENHANCED PEDESTRIAN CROSSING
TREATMENT

GATEWAY ENTRANCE MONUMENTS

ENHANCED INTERSECTION PLANTINGS

Section View:



Clark County/ Berryville, VA

Hermitage Road and Buckmarsh Street/ Route 340

HNTB



Shenandoah Valley Transportation Context Study:
And Evaluation of Context Sensitive Solutions along Route 340