

Infrastructure Committee Meeting
AGENDA
July 2, 2019 - 1:30 PM
Conference Room A/B/C, Second Floor

Committee Members: Chairman Mark Dudenhefer, Meg Bohmke and Cindy Shelton

AGENDA ITEM

- | | | |
|----|--|-----------------|
| 1. | DISCUSS MAINTENANCE AND SAFETY ACTIVITIES WITH VDOT. | All |
| 2. | REQUEST TO VACATE AN UNIMPROVED RIGHT OF WAY | Falmouth |

Next IC meeting is scheduled for September 3, 2019

This agenda may be amended on the day of the meeting. Participation of all citizens is encouraged. For all individuals with special needs, please notify County Administration of any accommodations required at least 24 hours in advance of the meeting. The agenda and related materials may be found on the County's website at www.staffordcountyva.gov

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Subject:	
Discuss maintenance and safety activities with VDOT.	
Recommended Action:	
This is a discussion item; therefore, no action is recommended at this time.	
Committee/Commission Recommendation:	
Fiscal Impact:	District:
	All
Overview:	
<p>The Board has requested a meeting with VDOT to discuss ongoing citizen complaints and concerns of lingering safety and maintenance issues along the roadways. Examples of complaints have included the length of time it takes to have potholes addressed from the time of initial complaint, significant vegetative growth along the roads which may impact safety and significant drop-offs in roadway shoulders due to rutting or pavement edge failures.</p>	
Discussion/Analysis:	
<p>On June 19th Staff met with representatives from VDOT to discuss these concerns and noted the following from VDOT:</p> <ol style="list-style-type: none"> 1.) VDOT requests that Staff and Board Members direct citizen complaints to the Customer Service Center at 1-800-FOR-ROAD (1-800-367-7623) or through their website at https://my.vdot.virginia.gov. Staff uses this same service to enter requests for citizens on an as-needed basis. 2.) VDOT will provide information at the meeting about the number of requests they get for service and the average time it takes to respond to those requests. VDOT noted that they often receive multiple reports for the same issue and that this may slightly skew these numbers. 	

3.) With limited resources to accomplish these many requests VDOT noted that they need to rely on data to guide where and how they target resources. VDOT requested that Staff and the Board keep this in mind when requests are made and that certain requests may be delayed further than others in order to maximize resources. Recently VDOT has made a significant push in Stafford County, pulling resources from many other areas to address areas of concern.

4.) VDOT noted that they have recently met with the Students behind the Changing Stafford's Roads initiative. This was an opportunity for VDOT to listen to the students and provide answers to their concerns. VDOT also noted that they have reached out to the schools on numerous occasions in the past in an effort to engage with students on issues such as work-zone safety, but have not been successful. VDOT requested support from the Board of Supervisors and the School Board in these efforts moving forward.

Staff and VDOT representatives discussed a number of options that might be pursued moving forward:

1.) Stafford County could work to supplement VDOT maintenance efforts with additional funds to address safety-widening, line of sight clearing and grading, vegetative removal, additional mowing at specific intersections or entrances of concern, additional signage and lighting, etc.

2.) Additional engagement with the Community, particularly the student and youth-driver populations, could be accomplished through a partnership with the County, the Schools, VDOT, DMV, the Sheriff, and perhaps an agency such as Geico.

3.) The County could work with VDOT to identify and prioritize work at certain safety "hot-spots" that are frequented by inexperienced drivers.

4.) The County can regularly conduct line of sight investigations of entrances to County facilities to ensure proper clearing and grading.

Attachments:
1. VDOT Presentation
Summary/Conclusion:
The Committee is asked to consider these options and provide Staff with direction. Further analysis of improvement costs and staffing needs may be needed.
Strategic Priorities:
Responsive Transportation System
Reviewed By:

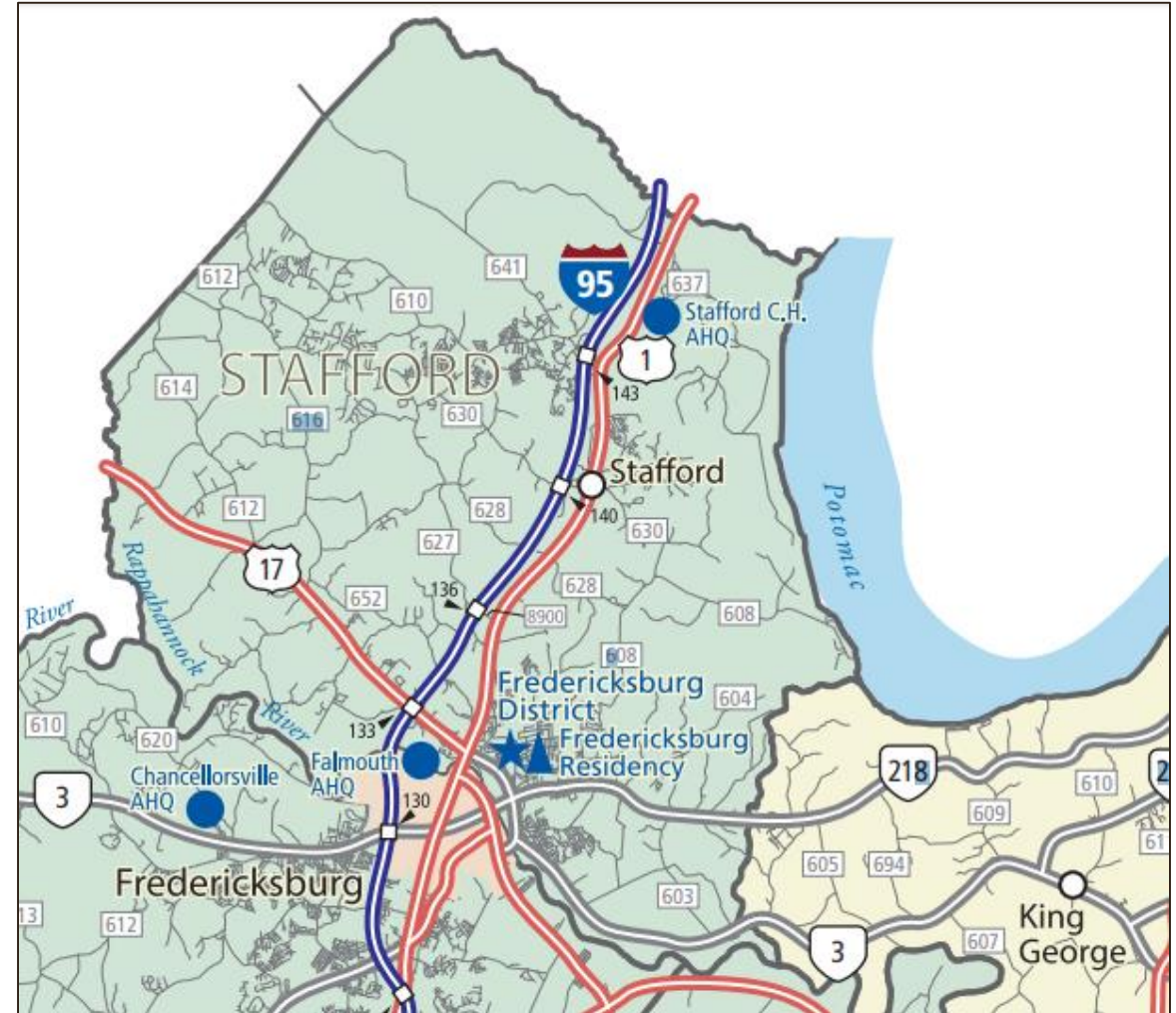
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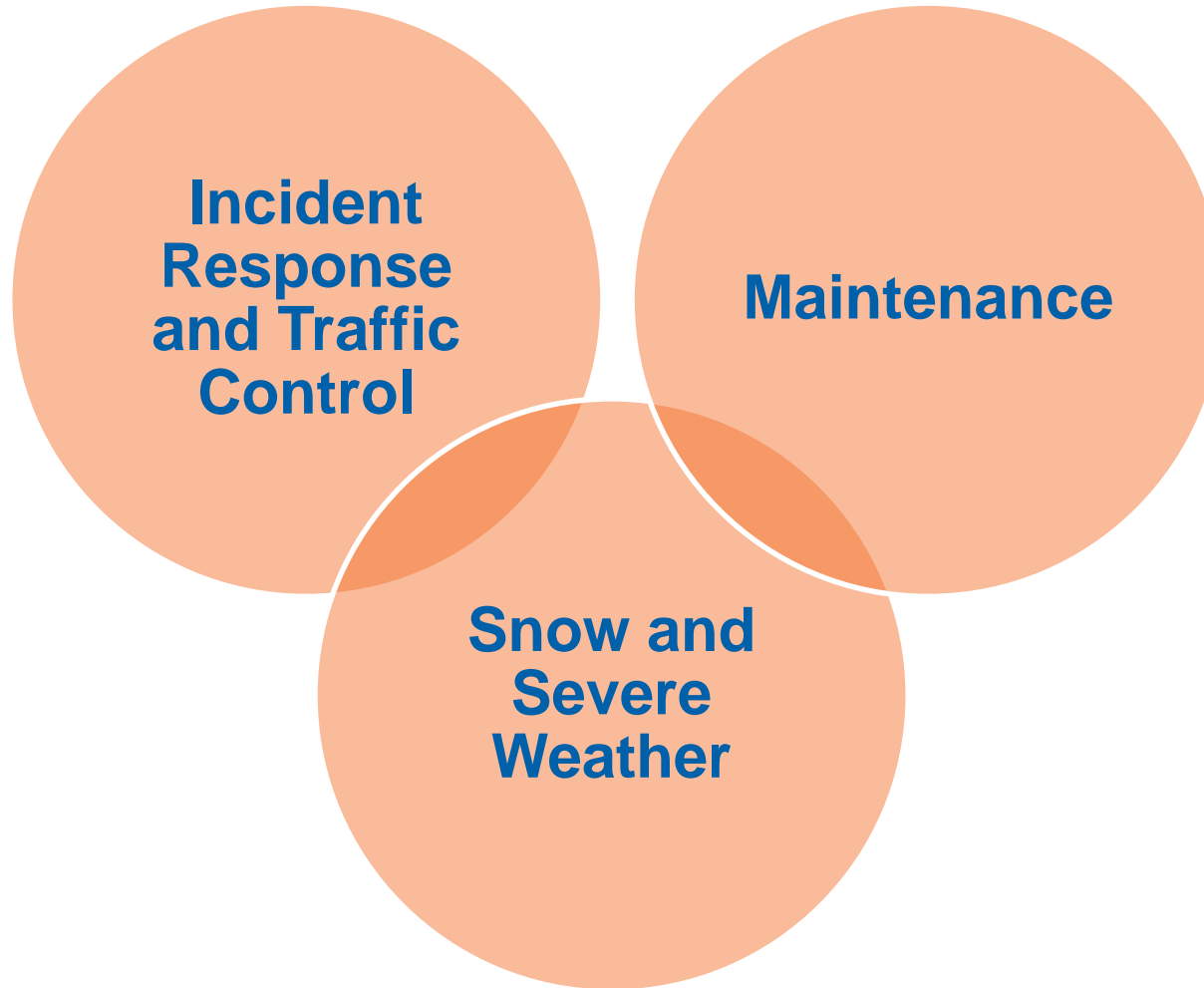
VDOT Area Headquarters: Where Are We?

2 AHQ locations in Stafford County:

- **Falmouth Area Headquarters**
- **Stafford Area Headquarters**
- Each AHQ crew has 14 members; led by a superintendent and a supervisor, with **12 operators**
- Combined these AHQs maintain **1,655 lane miles** of state-maintained roads in Stafford



VDOT Area Headquarters: What We Do



VDOT Area Headquarters: What We Do

Routine maintenance services include:

- **Filling potholes**
- **Pavement repairs, such as addressing cracking or deterioration along shoulders**
- **Clearing blockages from drainage structures to keep water flowing off the road**
- **Removing deceased animals, debris from travel lanes**
- **Sign installation**
- **Mowing roadsides in our right-of-way**
- **Removing brush/vegetation that can block sight distance**



Maintenance

VDOT Area Headquarters: What We Do

- Our crews work a set daily schedule, Mondays through Fridays, but they are required to respond 24 hours a day for emergencies and other call-out needs
- Support Virginia State Police and local law enforcement when requested to provide traffic control and set up detour routes during crashes, hazmat spills and incidents that block state-maintained roads.



**Incident
Response
and Traffic
Control**

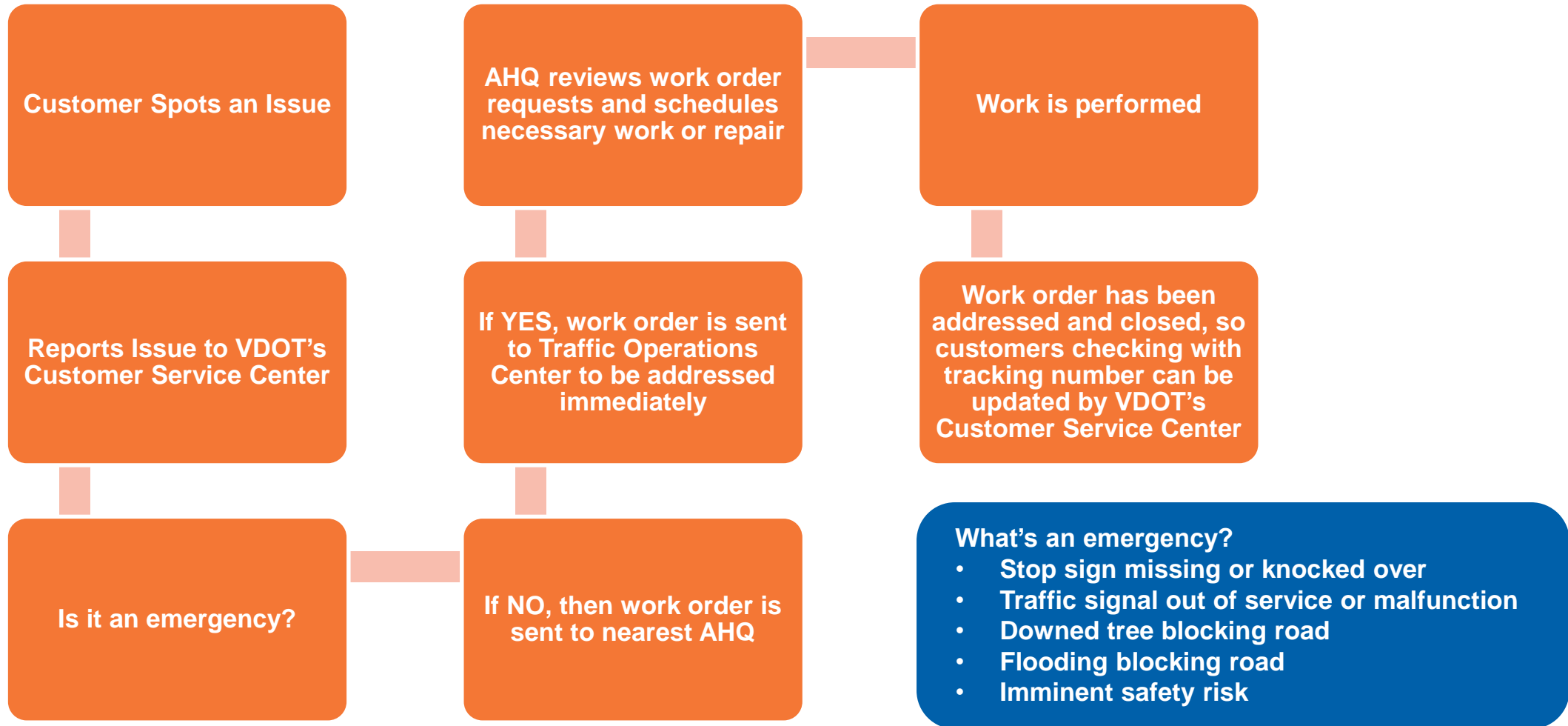
VDOT Area Headquarters: What We Do

- Our crews frequently travel out during a storm to remove downed trees and debris blocking a road.
- Crews place motorist warning signs, detour signs and road barricades when a road is flooded or partially blocked by standing water or becomes impassable for other hazards.
- During winter storms, crews work in rotating 12-hour shifts to mix and apply the salt brine solution for road pre-treatment, and during the storm they drive snowplows and apply sand, salt, and treatment chemicals.

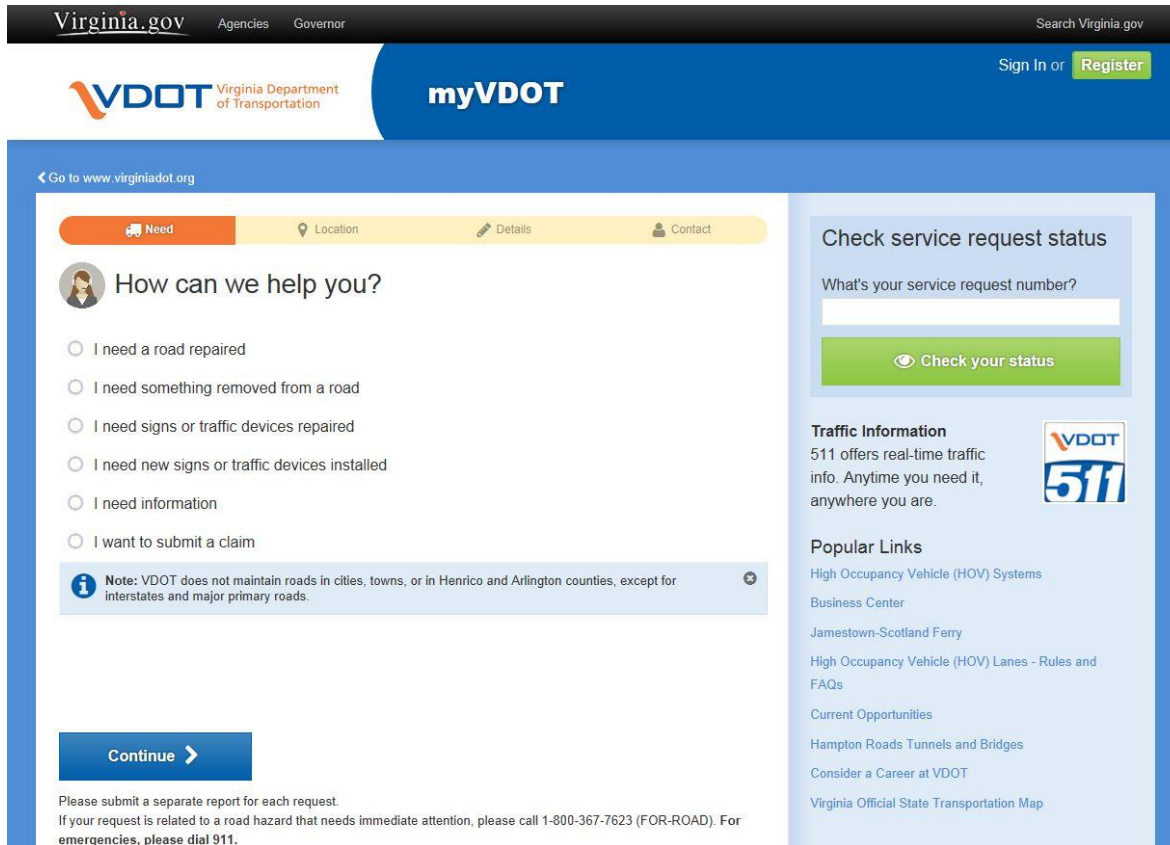


**Snow and
Severe
Weather**

Customer Report: Where does it go?



VDOT Customer Service Center



The screenshot shows the myVDOT website interface. At the top, there's a navigation bar with "Virginia.gov", "Agencies", "Governor", and a search bar. Below this is the VDOT logo and "myVDOT" branding. The main content area has a "Need" tab selected, showing a "How can we help you?" section with radio button options: "I need a road repaired", "I need something removed from a road", "I need signs or traffic devices repaired", "I need new signs or traffic devices installed", "I need information", and "I want to submit a claim". A note states: "Note: VDOT does not maintain roads in cities, towns, or in Henrico and Arlington counties, except for interstates and major primary roads." To the right, there's a "Check service request status" section with a text input for "What's your service request number?" and a "Check your status" button. Below that is a "Traffic Information" section with a "511" logo and a "Popular Links" section listing various resources like "High Occupancy Vehicle (HOV) Systems", "Business Center", "Jamestown-Scotland Ferry", "High Occupancy Vehicle (HOV) Lanes - Rules and FAQs", "Current Opportunities", "Hampton Roads Tunnels and Bridges", "Consider a Career at VDOT", and "Virginia Official State Transportation Map". A "Continue >" button is at the bottom left.



**1-800-FOR-ROAD
(800-367-7623)**

**Open
24 hours a day,
7 days a week**

<https://my.vdot.virginia.gov>

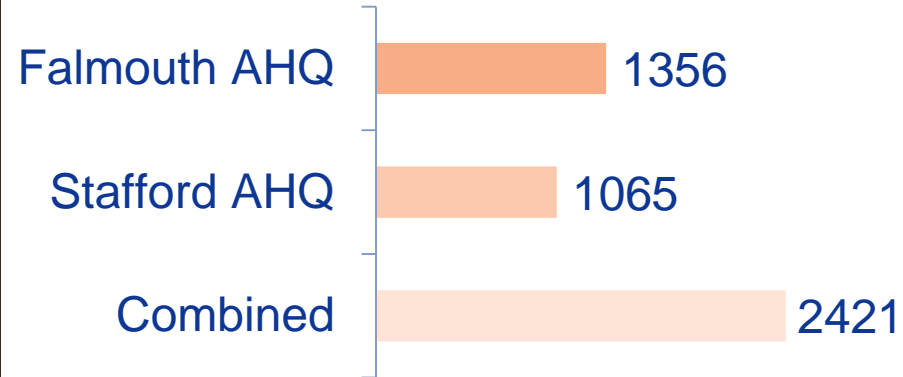
Why call VDOT's Customer Service Center?

Benefits:

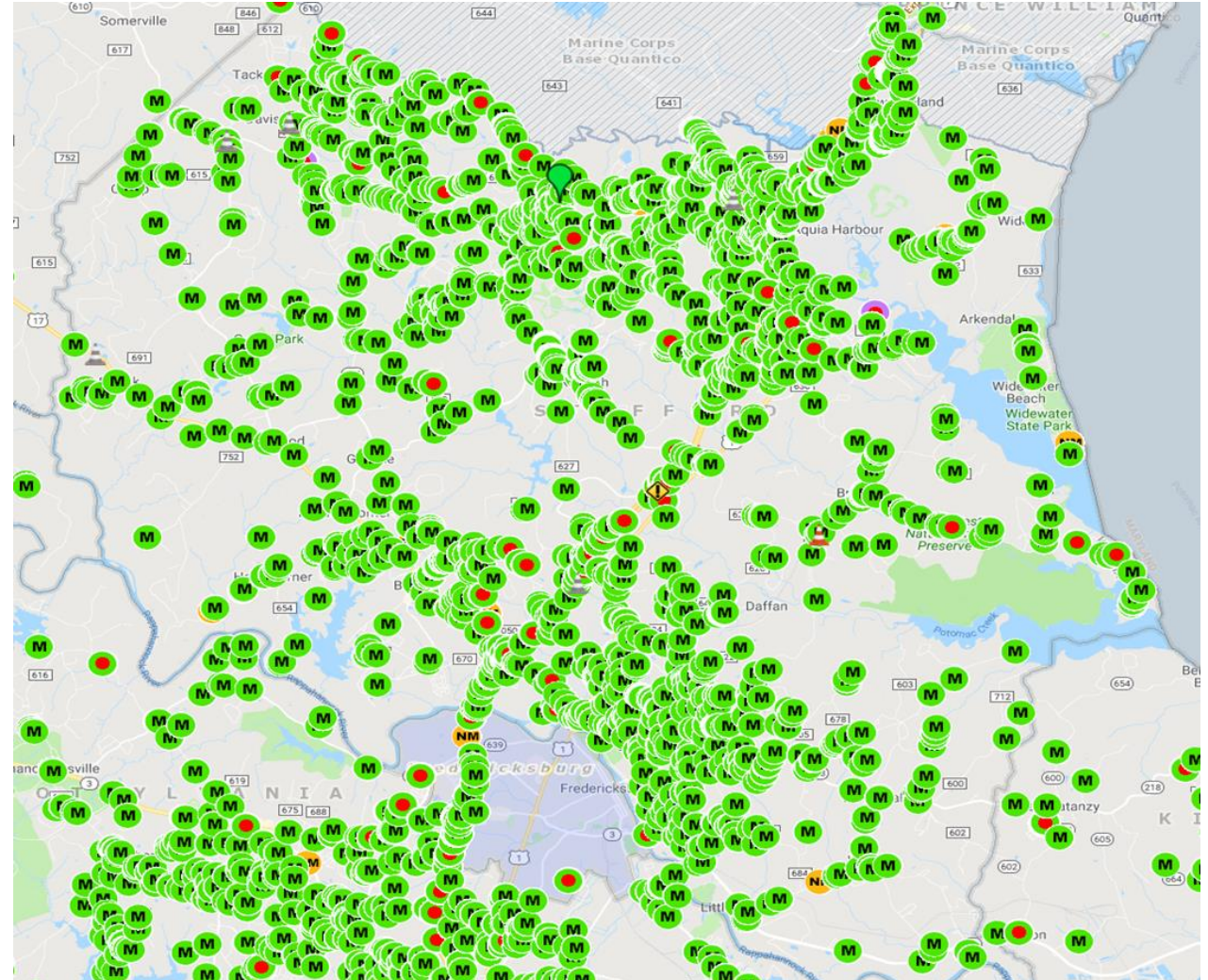
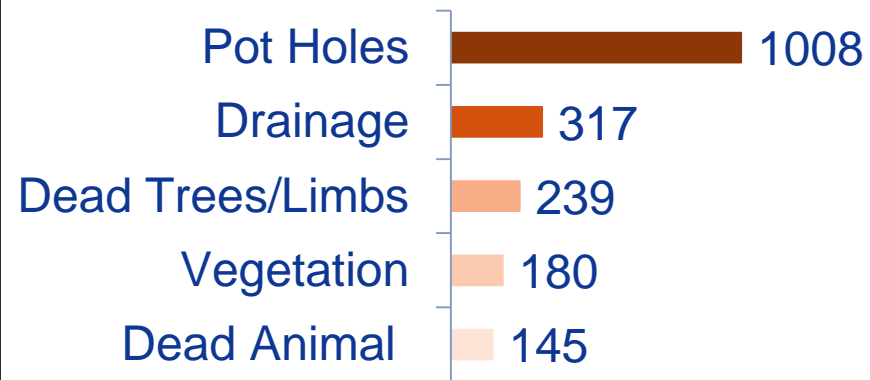
- Accountability – it documents date and time of notification
- Reduces opportunity for human error – no missed voice mail messages or overlooked emails
- Swiftly dispatches emergency maintenance response
- Request sent to appropriate office
- Customer can request a returned phone call or email, or to be present for in-person site visit
- Open 24 hours a day, 7 days a week

Work Order Overview (01/01/19 to 06/26/19)

Work Orders by AHQ

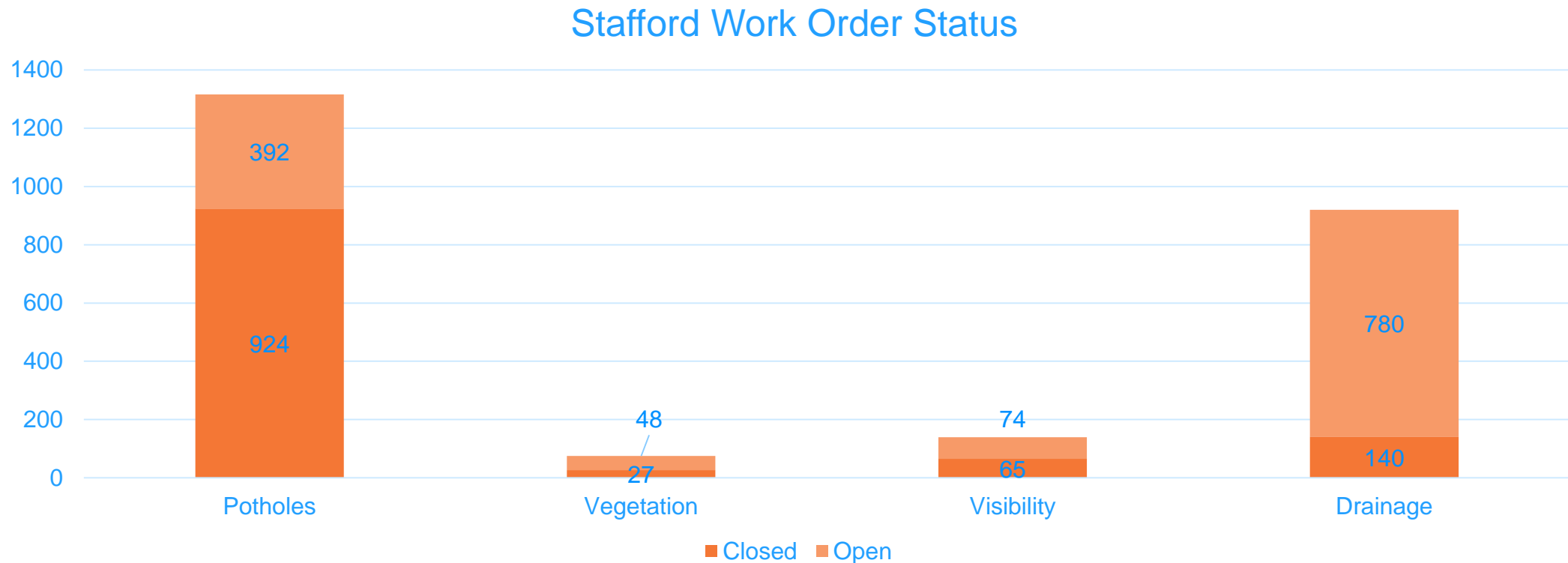


Top 5 Work Order Types

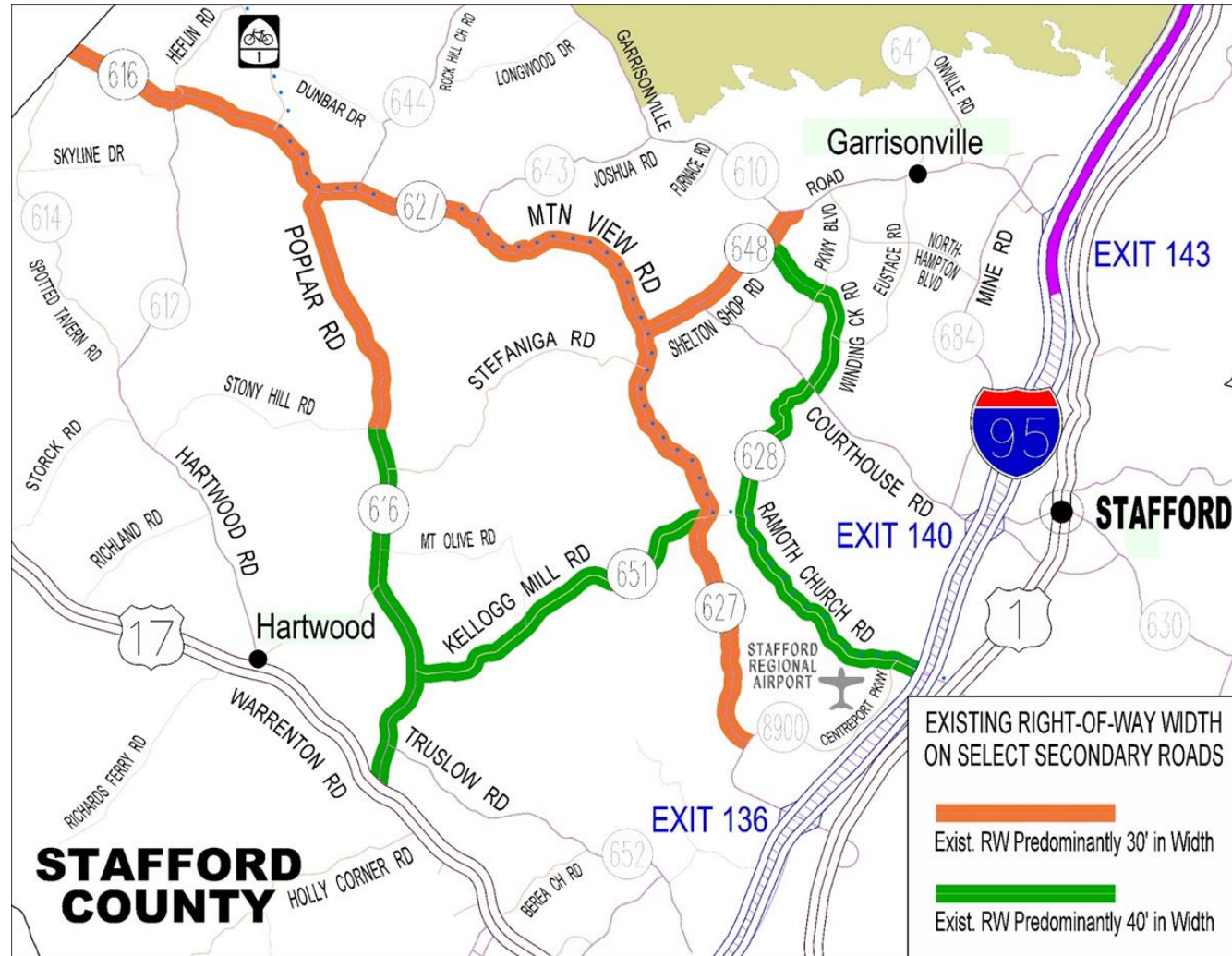


Work Order Completion Rates

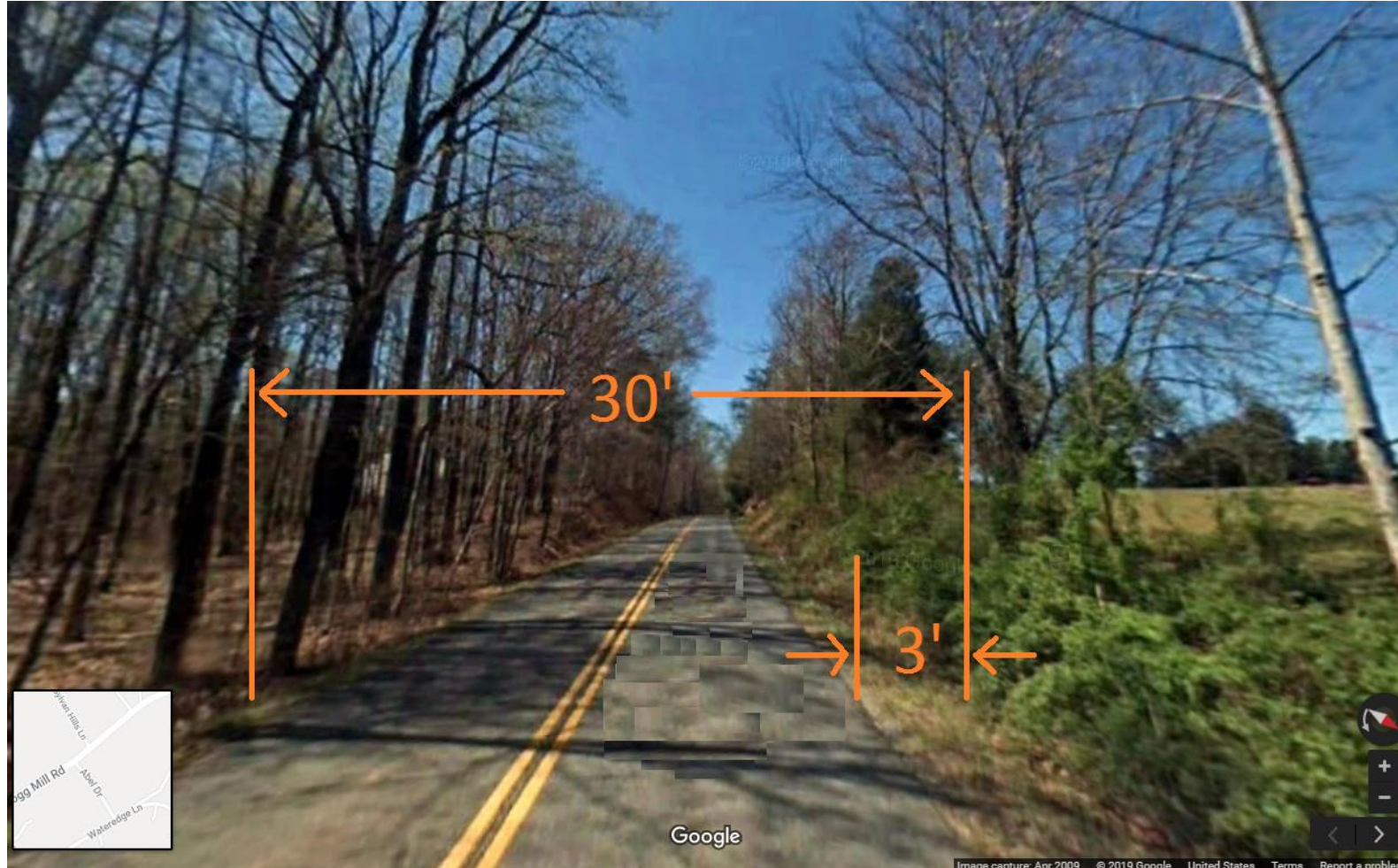
Closed work orders 1/1/19 to 6/26/19 – 1,324



Existing Right-of-Way



What 30' of Right of Way Looks Like



Projected Widening Costs

Route	Length (Miles)	Predominate Right-of-Way Width	Trench Widening Costs	Projected Cost to Widen
651 – Kellogg Mill Rd.	4.7	40	\$520K	\$21M
627 – Mountain View Rd.	9.9	30'	\$1.2M	\$44M
616 – Poplar Rd.	9.8	30'	\$1.2M	\$44M
648 – Shelton Shop Rd.	2.0	30'	\$245K	\$9M
628 – Winding Creek/Ramoth Church Rd.	6.5	40'	\$720K	\$29M
Total:	32.9		\$3.8M	\$148M

Options for Augmentation – Additional Mowing

Supplemental mowing to augment primary/high volume secondary mowing cycles

Route	Mowing/Litter/Weed Eating Cost
Primary Routes	\$15,882
Mountain View	\$1,070
Ramoth Church	\$824
Poplar (Fauquier to Rt 17)	\$1,652
Kellogg Mill (Poplar to Mtn View)	\$797
Garrisonville Rd (Rt 1 to Fauquier)	\$592
Shelton Shop*	\$800
Winding Creek*	\$800
Courthouse Rd*	\$800
	Total: \$23,214

* Route not under contract at this time

Options for Augmentation – Brush Spray

- **Application of brush control spray**
 - **Cost - \$250/acres – approx. 1 mile**
 - **Stops growth; low cost**
 - **Could generate aesthetic concern**



Points of Contact

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AGENDA ITEM

Subject:	
Request to vacate an unimproved right of way	
Recommended Action:	
Discussion item regarding a request to abandon unused right of way. No action needed by the Board.	
Committee/Commission Recommendation:	
Fiscal Impact:	District:
None	Falmouth
Overview:	
<p>A citizen in Grafton Village has requested the dedicated 40' wide unimproved Woodland Drive be abandoned and deeded to the adjacent property owners. This would allow the owner the rights to maintain the over grown vegetation and the additional land may provide a side yard setback required to add a handicap bathroom to his home.</p>	
Discussion/Analysis:	
<p>Pursuant to Virginia Code Section 15.2-2272, the County may work with the adjacent property owners to abandon the right of way and allow the adjacent owners to gain the property to the centerline of the right of way. This is an administrative process which does not require Board action.</p> <p>GIS records show a gravity sewer line in the right of way. Staff is researching the line to see if it is in service. Staff will work with the land owners to determine if an easement is needed to protect the County's assets.</p>	
Attachments:	

1. Woodland Drive

Summary/Conclusion:

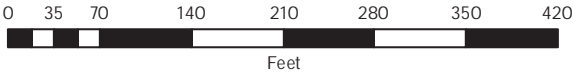
Staff is prepared to process the citizen request for the vacation of the unused right of way, if there will be no detrimental effects to the County's assets.

Strategic Priorities:

Reviewed By:

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Woodland Drive



Date: 6/20/2019

Author: