High Crash Location Analysis

Amber Elmore – Strategic Crime Analyst

Chesterfield County Police Department

Logged in as Law Enforcement Clerk (Switch Role) Elmore, Amber (Chesterfield County Police Dept.)

TREDS Saving Lives

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Operations

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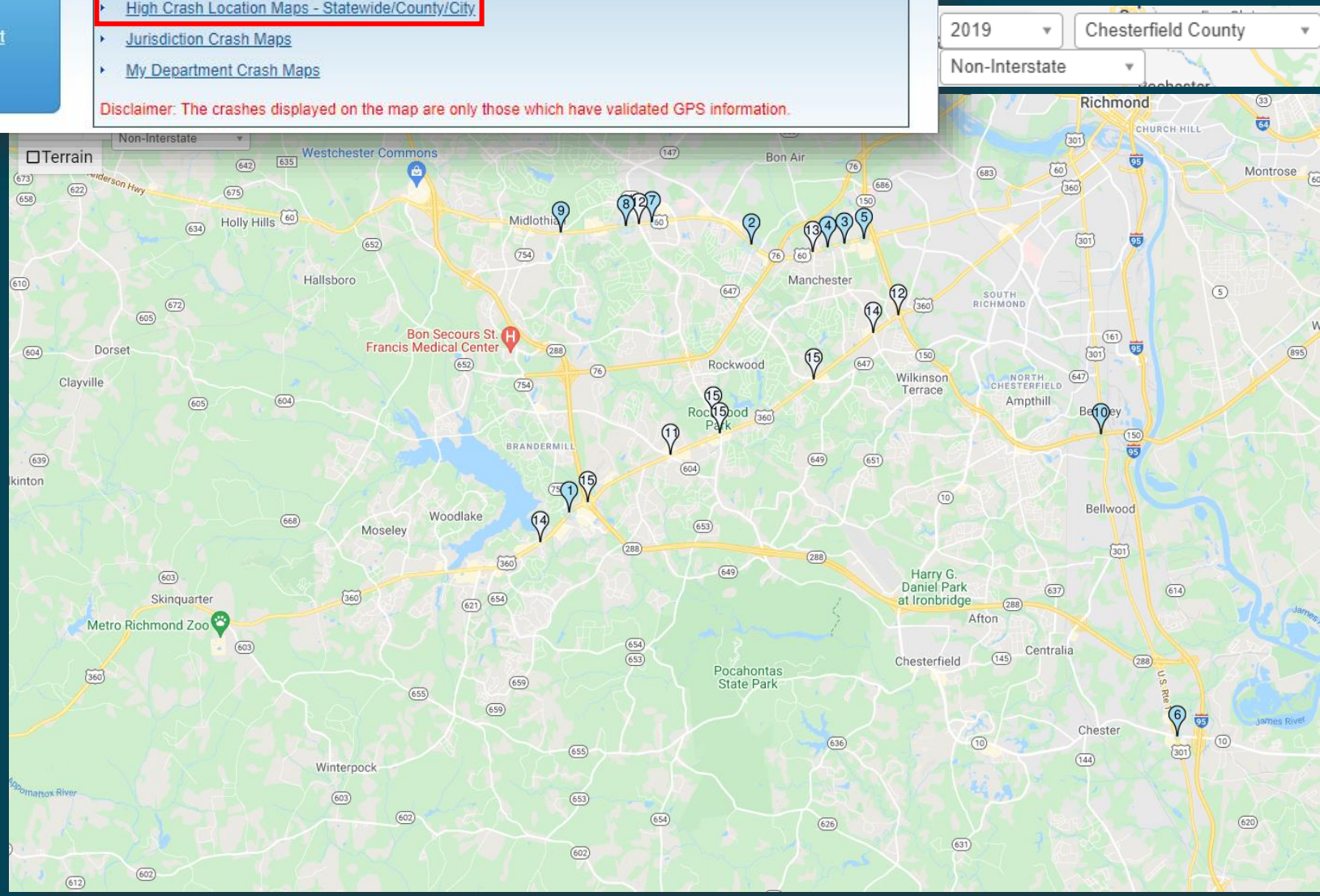
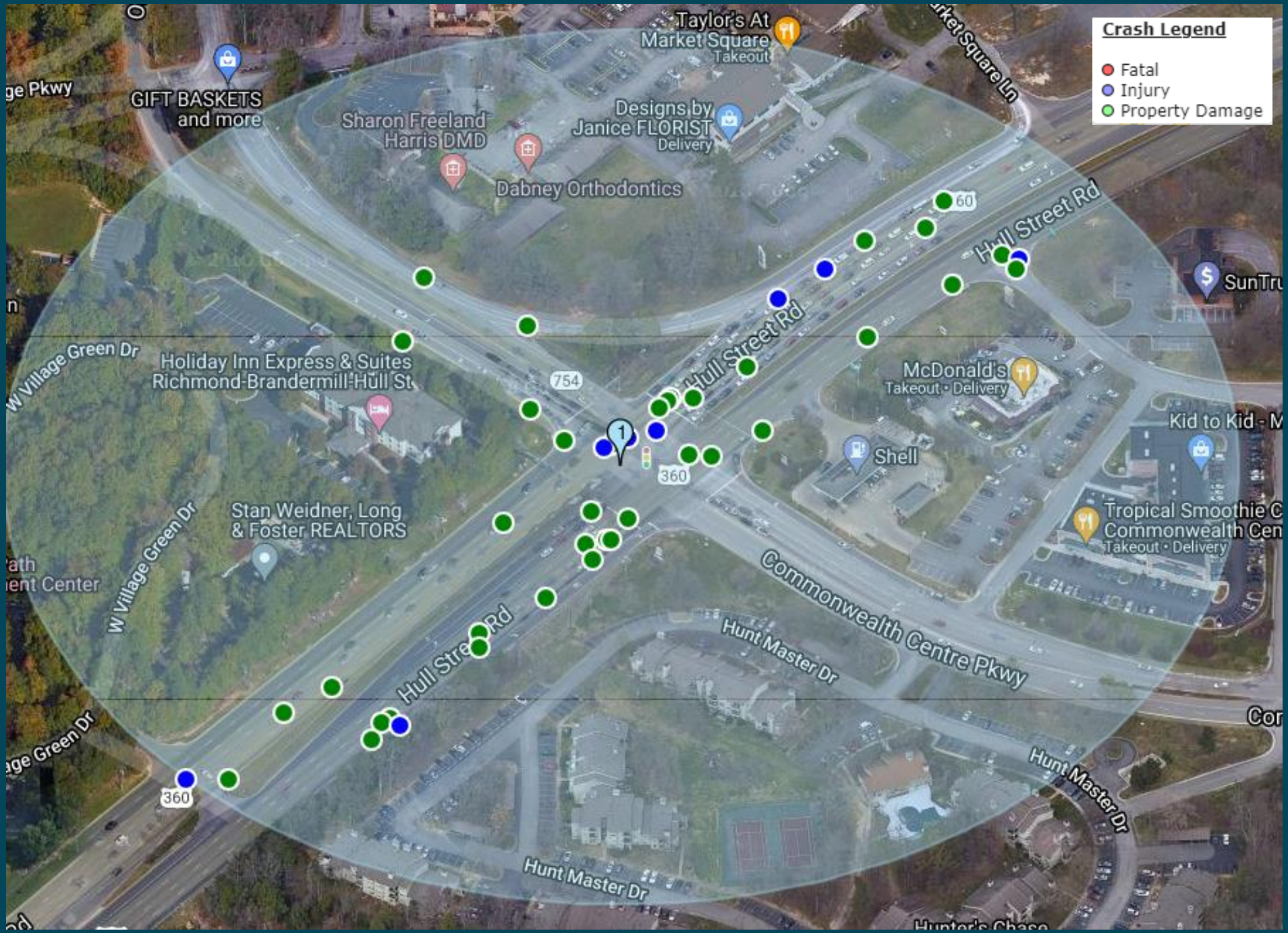
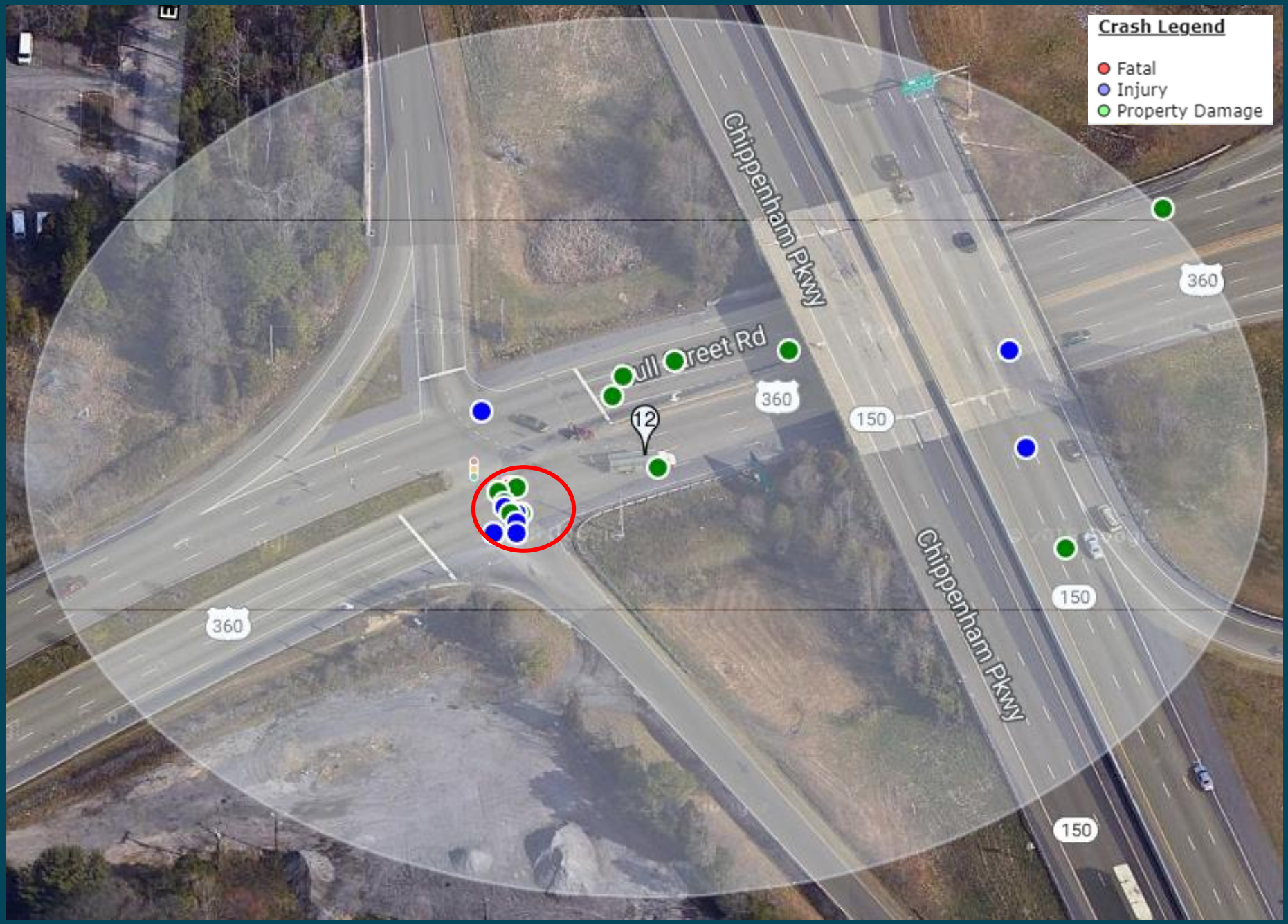
Mapping

- High Crash Location Maps - Statewide/County/City
- Jurisdiction Crash Maps
- My Department Crash Maps

Disclaimer: The crashes displayed on the map are only those which have validated GPS information.




Crash Legend
Fatal
Injury
Property Damage
Taylor's At Market Square
Takeout
GIFT BASKETS and more
Sharon Freeland Harris DMD
Designs by Janice FLORIST
Delivery
Dabney Orthodontics
Hull Street Rd
60
SunTru
W Village Green Dr
Holiday Inn Express & Suites Richmond-Brandermill-Hull St
754
McDonald's
Takeout · Delivery
Kid to Kid - M
Shell
360
Stan Weidner, Long & Foster REALTORS
Tropical Smoothie C
Commonwealth Cen
Takeout · Delivery
Commonwealth Centre Pkwy
Hunt Master Dr
Hunt Master Dr
Hunt Master Dr
Hunter's Chase


Crash Legend
Fatal
Injury
Property Damage
Chippenham Pkwy
Chippenham Pkwy
ull reet Rd
360
360
360
150
150
150
12

US-360
Richmond, Virginia
View on Google Maps
Crash Legend
Fatal
Injury
Property Damage
US-360
Chippenham Pkwy
Powhite Pkwy
Google
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https://www.nbc12.com/2019/05/16/vdot-plans-realign-hull-street-road-lanes-chippenham-parkway/

Updated: May. 16, 2019 at 3:26 PM EDT

RICHMOND, Va. (WWBT) -The Virginia Department of Transportation plans to realign the lanes on westbound Hull Street Road at southbound Chippenham Parkway to give drivers in the left turning lane more room.

That change will be implemented this summer.

1 killed, 2 injured in four-car crash on Hull Street Road

VDOT also says crews will adjust the traffic signal at the intersection to give those turning left from westbound Hull Street Road to southbound Chippenham Parkway a green arrow so drivers won't have to dodge eastbound traffic.

That change is also expected to be completed this summer.

Advantages and Disadvantages of High Crash Location Crash Analysis

Advantages

- Large dataset to analyze
- Targeting high opportunity areas
- High visibility enforcement

Disadvantages

- Focused on major roadways
- Possibility of missing smaller areas that may be better enforcement candidates

2020
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Jurisdiction Report
20

Chesterfield County
City of Colonial Heights
City of Richmond

Prepared By
Virginia Department of Transportation
Traffic Engineering Division

In Cooperation With
U.S. Department of Transportation
Federal Highway Administration

North Division - High Crash Intersections

Total Crashes	***Intersection***	***2019 YTD Crashes***	***Crash Rate***	***AADT***
	Midlothian Tpke & Woolridge Rd	20	1.01	54,253
	Chippenham Pkwy & Hull Street Rd	17	1.19	39,197
	Alverser Dr & Old Buckingham Rd	15	2.93	14,030

Crash Rate	***Intersection***	***2019 YTD Crashes***	***Crash Rate***	***AADT***
	Old Hundred Rd & Otterdale Rd	10	4.07	6,730
	Beach Rd & Riverway Rd	4	2.98	3,674
	Alverser Dr & Old Buckingham Rd	15	2.93	14,030

- *Tabulations represent FR300 Accident Reports submitted to TREDS as of January 28, 2020*
- *AADT based on 2018 VDOT Tableau Data*

Citizen Information Meeting

Otterdale Road and Old Hundred Road Intersection Improvements

PROJECT NUMBER: 0652-020-R50

Tuesday, April 10, 2018; 5 - 7 p.m.
New Life United Methodist Church
900 Old Hundred Road
Midlothian, VA 23114

Public Meeting

Welcome to the Citizen Information Meeting for the Otterdale Road and Old Hundred Road Intersection Improvements.

This meeting provides an opportunity for any person, acting on his or her behalf or representing a group or governmental agency, to review the displayed project exhibits and give Chesterfield County comments and/or suggestions on this project. All comments will be reviewed by Chesterfield County.

Questions and concerns, raised as a result of this Citizen Information Meeting, will be considered by Chesterfield County before the project is approved for right-of-way acquisition and construction. It is the responsibility of Chesterfield County to ensure that all members of the community are afforded an opportunity to participate in public decisions about transportation systems and projects affecting them, which is why your input is so greatly encouraged.

Project Overview

Existing Conditions - Looking East From Old Hundred Road

Proposed Conditions - Looking East From Old Hundred Road

Anticipated Total Cost — $4,351,063

Purpose — Converting existing stop controlled intersection to a roundabout and providing pedestrian accommodations

From — 0.09 miles west of Route 667 (Otterdale Rd.)

To — 0.08 miles east of Route 667 (Otterdale Rd.)

Total Length — 1,055 linear feet (0.20 miles)

Traffic Data —

Old Hundred Road:
5,795 vehicles per day (2018)
14,720 vehicles per day (2040)

Otterdale Road:
3,420 vehicles per day (2018)
11,370 vehicles per day (2040)

Conclusion

- Enforcement resources are limited and need to be data driven
- Precise crash location data is invaluable
- Opportunities for further data enrichment

Amber Elmore
Strategic Crime Analyst
Chesterfield County Police Department
elmorea@chesterfield.gov
804-796-7042