

Roadmap









- Data Driven









- Next Steps







People Driven

Our Commitment to a Safer Maryland Means Thinking Differently





People Going Places



People Moving Safely

Enhance the quality of life for Maryland's citizens by providing a balanced and sustainable multi-modal transportation system for safe, efficient passenger and freight movement.

The overarching mission of the Maryland Department of Transportation





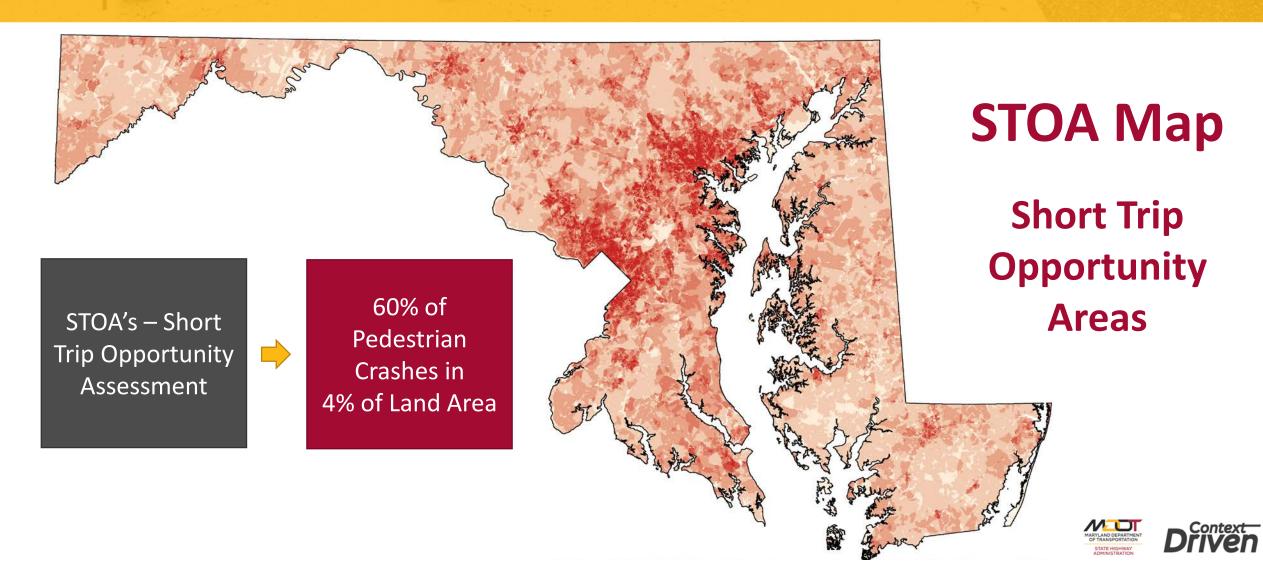
Data Driven

Defining Maryland's Context Zones

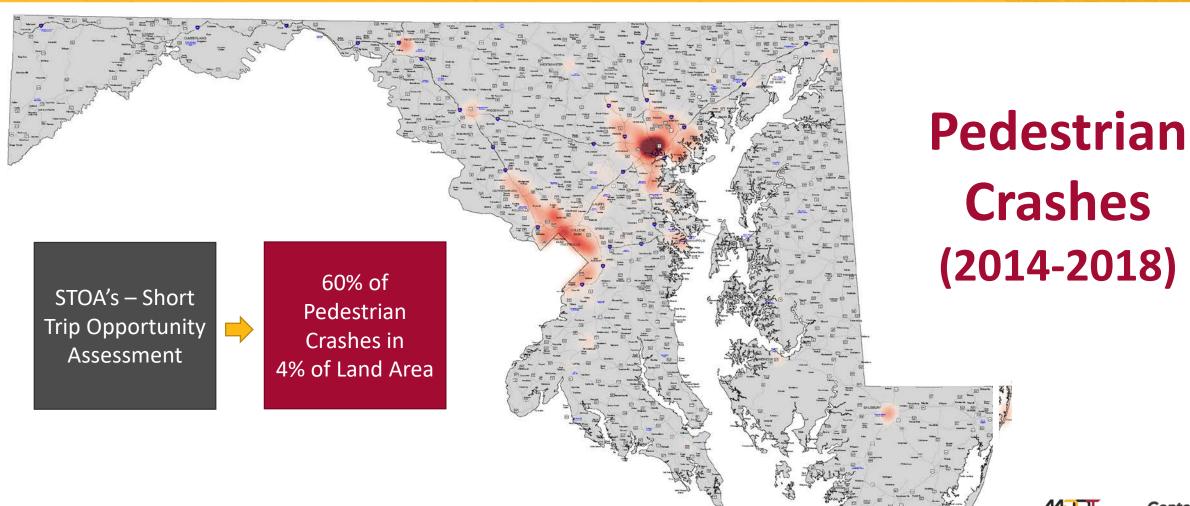




So Where and How Are People Moving?



Where and How Are People Moving?

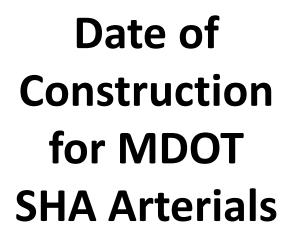


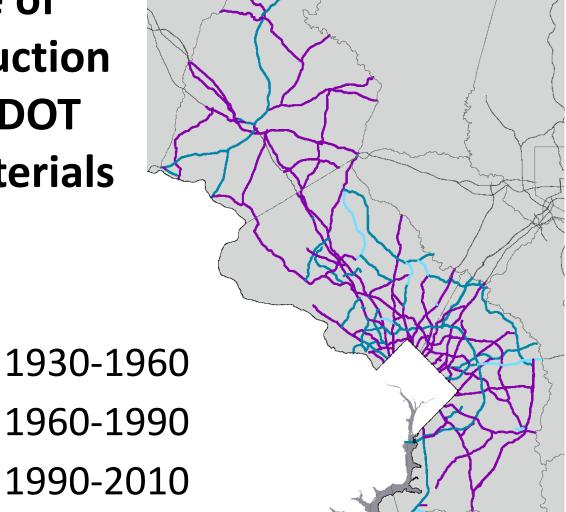




Our Infrastructure

- Requires significant upkeep to maintain a state of good repair
- Creates opportunities for modifications to address pedestrian safety
- Need to consider multiple roadway characteristics:
 - Land Use
 - Design
 - > Function





1960-1990

1990-2010







We Realized

A traditional design approach relies on the Federal designation of **urban vs. rural** as the primary context for proposed solutions.

This binary approach does not account for the unique characteristics of different areas that ultimately affect the roadway design and resulting safety.





Context Driven

Defining Context in Maryland



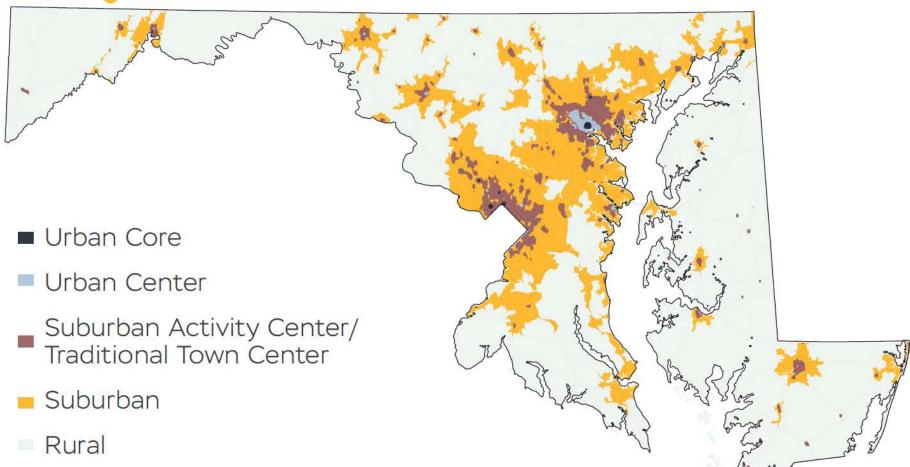


The Way People Move Is Driven by the Context They Are In



Maryland Context Zones

Defining Context Zones





Balancing Access & Mobility



How many places can you get to?



How far can you go?





MDOT SHA Context Zones

The transportation challenges we are facing cannot be addressed with the current classification system and corresponding toolkit.

We need new techniques and solutions to achieve safety, accessibility, and mobility goals **framed by the surrounding land-use.**





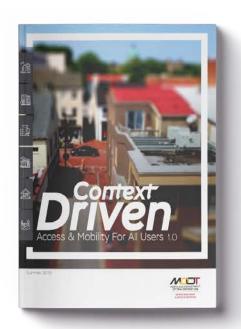
Context Driven

Exploring the Context Guide





An Evolving Resource





- Guide with Context Profiles
- Toolbox of Treatments
- Library of Case Studies















Considered the typical downtown or central business typically included. Because of its development density and district area, the Urban Core zone is defined by a high diversity of uses, this land-use pattern generates a high diversity of uses, including multi-family residential, office, prevalence of non-motorized trips, including walking, transit, retail, entertainment, civic, and cultural facilities, as well as and bicycling. While the need for mobility through these a high density of development. Development includes areas does exist, it is far exceeded by the need for internal high-rise structures with minimal setbacks, high street wall direculation within the zone. The Urban Core represents less frontage, and minimal building gaps. Off-street parking is than one tenth of one percent of the land area in the State.



Guide Components



Zone Name &

Icon





Considered the typical downtown or central business district area, the Urban Core zone is defined by a high

typically included. Because of its development density and diversity of uses, this land-use pattern generates a high diversity of uses, including multi-family residential, office, prevalence of non-motorized trips, including walking, transit, retail, entertainment, civic, and cultural facilities, as well as and bicycling. While the need for mobility through these a high density of development. Development includes areas does exist, it is far exceeded by the need for internal high-rise structures with minimal setbacks, high street wall dirculation within the zone. The Urban Core represents less frontage, and minimal building gaps. Off-street parking is than one tenth of one percent of the land area in the State.



Guide Components



Typical Characteristics

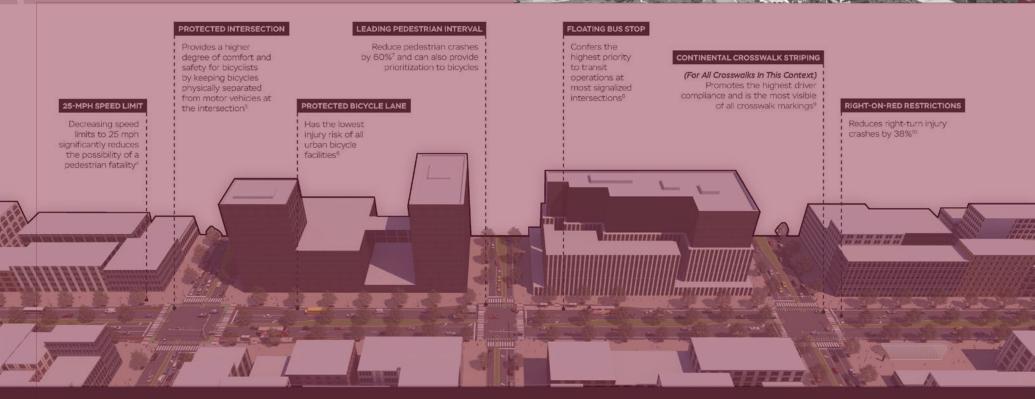


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Guide Components



Representative Communities





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Guide Components



Proven **Treatments**





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Guide Components



Data-Driven **Transformations**





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Guide Components



Context Access & Mobility Diagram



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Guide

Components





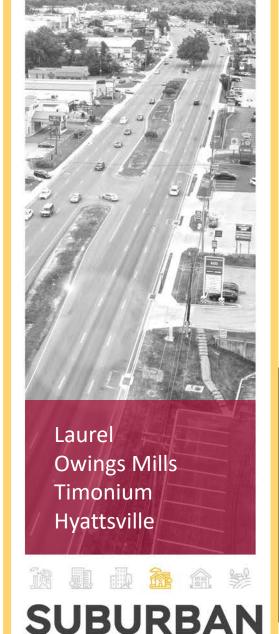


Progress Driven

Fulfilling Our Commitment to Maryland's Communities







ACTIVITY CENTER

LAND USE DIVERSITY

MEDIUM

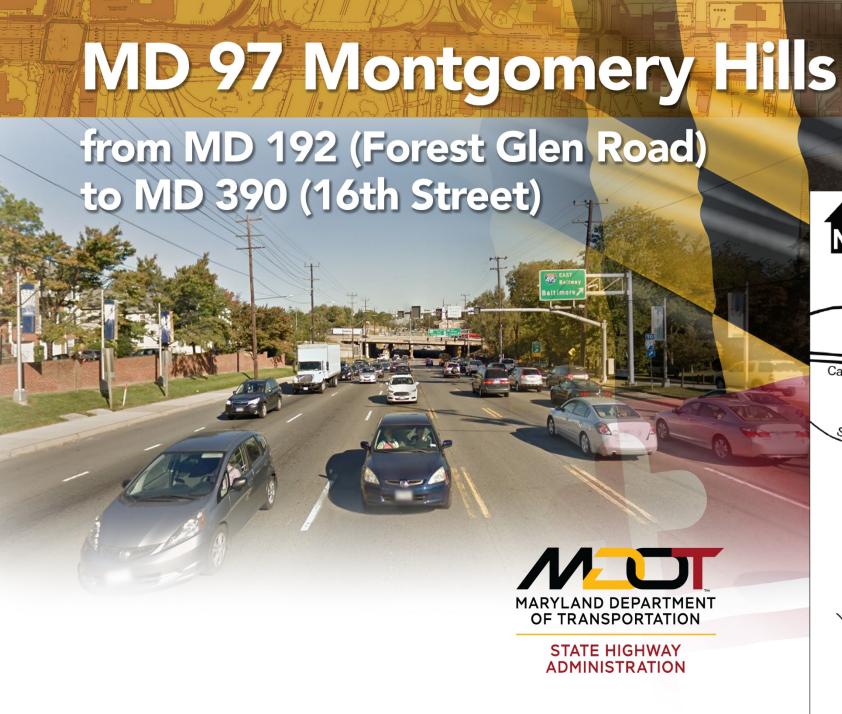
DEVELOPMENT DENSITY

MEDIUM



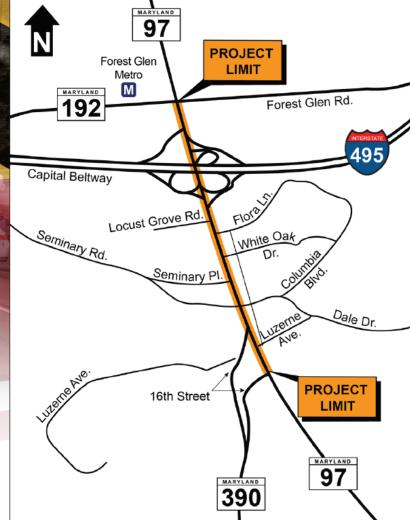






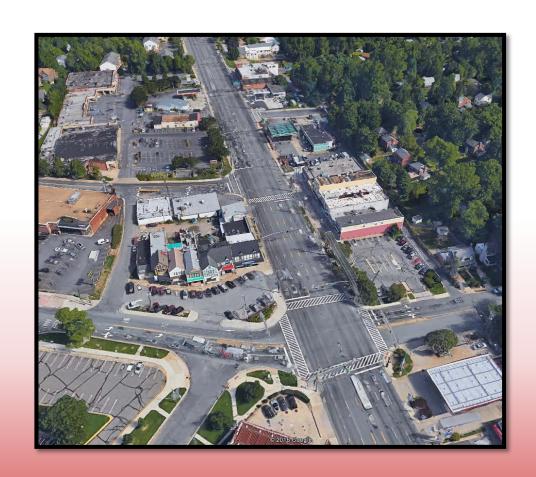
MARYLAND

97



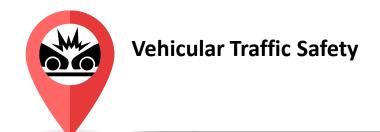
Existing Conditions

- Reversible center lane between I-495 and 16th Street
- Left turns prohibited during peak travel periods
- Multiple access points
- Sidewalks not ADA-compliant
- Pedestrian/bicycle bridge crosses I-495



Purpose and Need

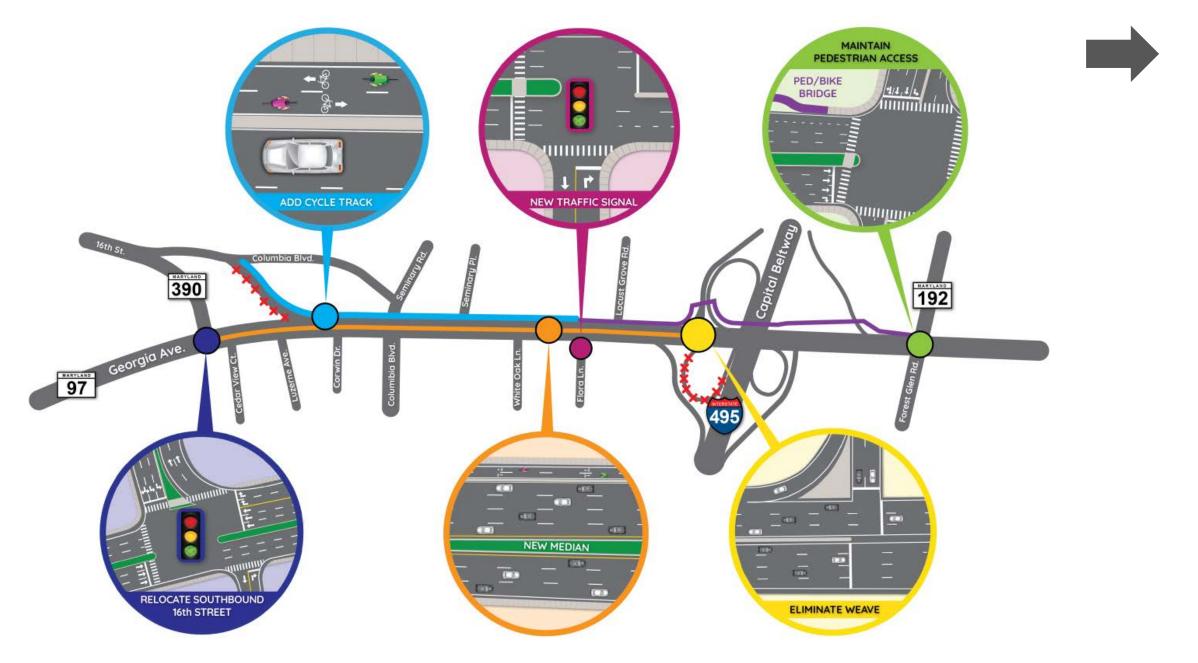
 Improve pedestrian and bicyclist safety and accessibility while balancing vehicular mobility



Improve vehicular safety

 Establish a sense of place within the corridor







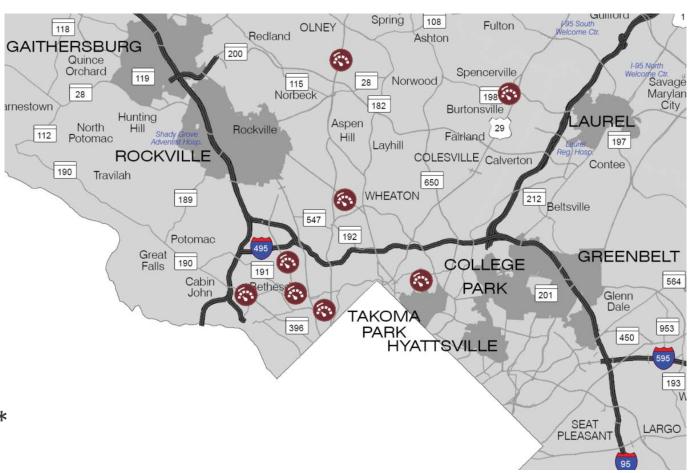




Recently Implemented Improvements

Speed Limit Reductions

- MD 190 Ridgefield Road to I-495
- MD 187 Glenwood Road to I-495
- MD 97 MD 586 to Cherry Valley Drive
- MD 188 MD 187 to MD 191
- MD 586 MD 97 to Randolph Road
- MD 198 Peach Orchard Road to US 29
- MD 191 MD 614 to MD 185
- MD 594A US 29 to Sligo Creek Parkway*





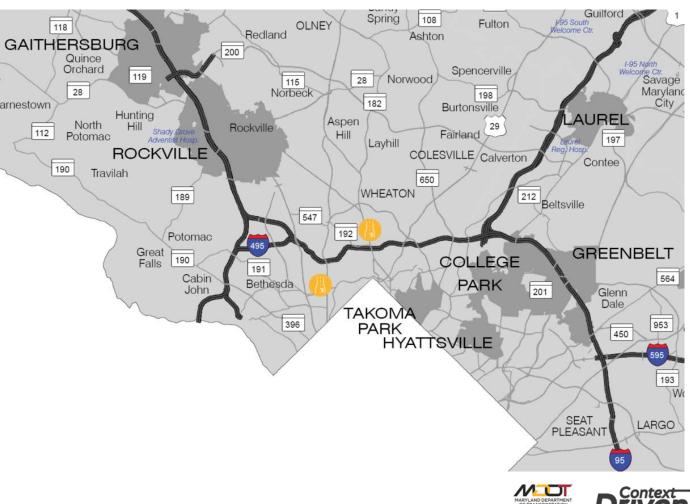


^{*}Included rumble strips, school-zone signs, and speed-limit sign flags.

Recently Implemented Improvements

Lane Width Reductions

- MD 97 I-495 to MD 193
- MD 410 MD 185 to Montgomery Lane









MD 355 Corridor – Existing Conditions

Next Steps

Continually Supporting Innovative Solutions





GUIDANCE for today's TRANSPORTATION CHALLENGES













Updated Best Practices

Case Studies

Implementation of Lessons Learned

Stakeholder Feedback



- Up-to-date tools based on current community feedback
- Proven solutions rooted in the surrounding context
- Flexibility to encourage innovation and community-specific solutions





Our Commitment

Creating a...







...system for all Marylanders.





