

City of Harrisonburg Mt. Clinton Pike Reconfiguration Study

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Welcome



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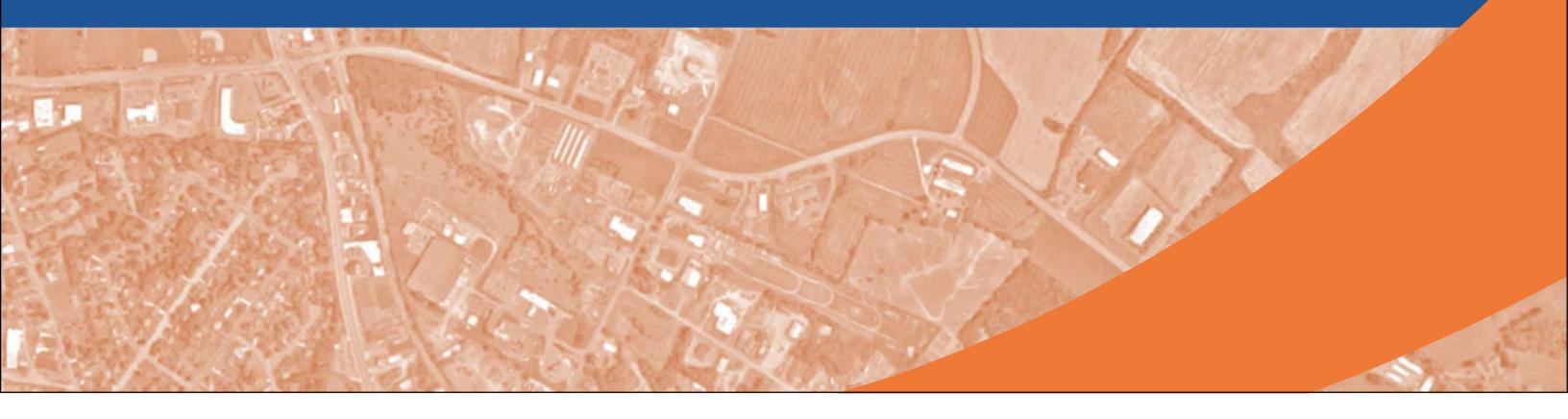
NEXT STEPS

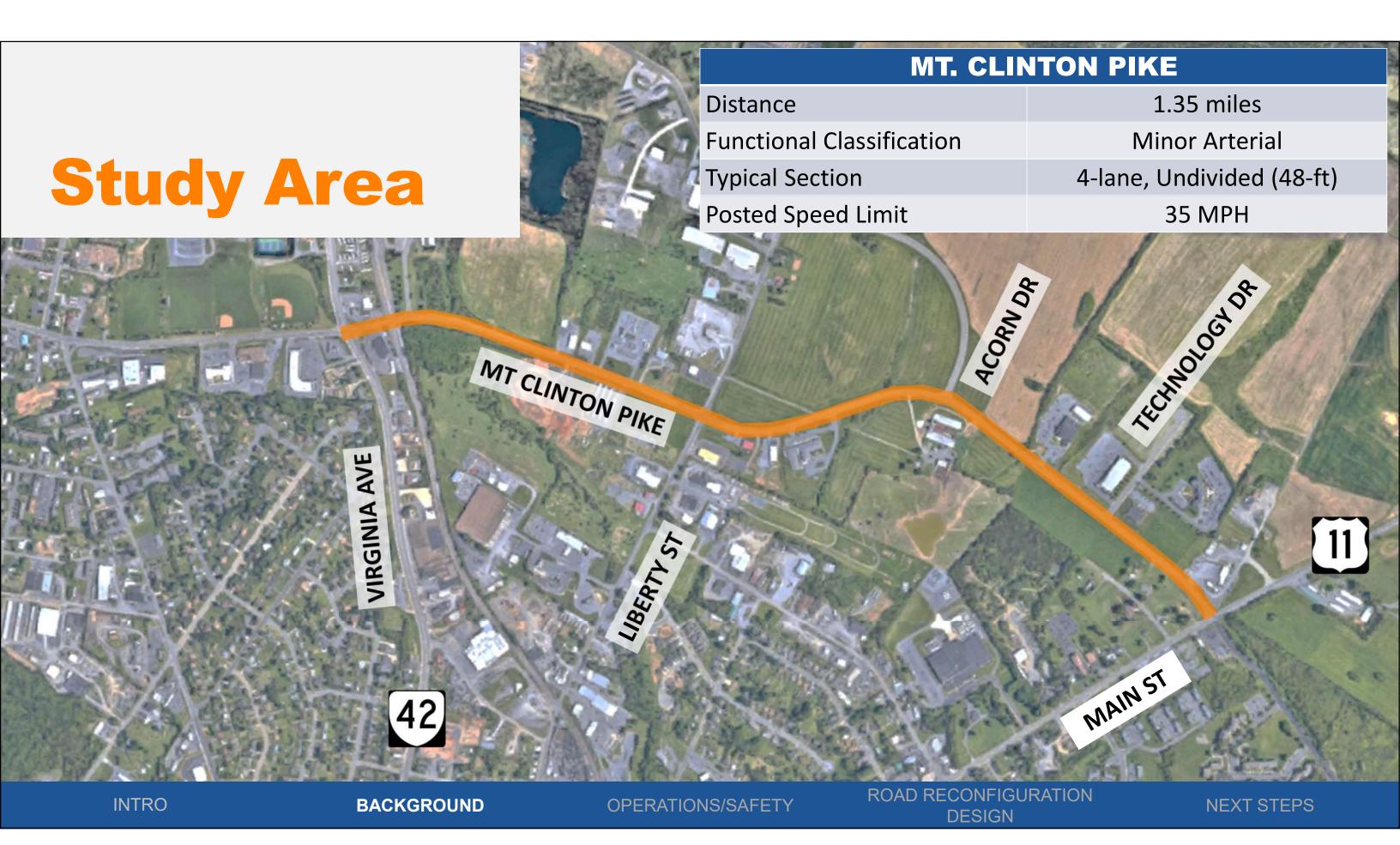
Overview

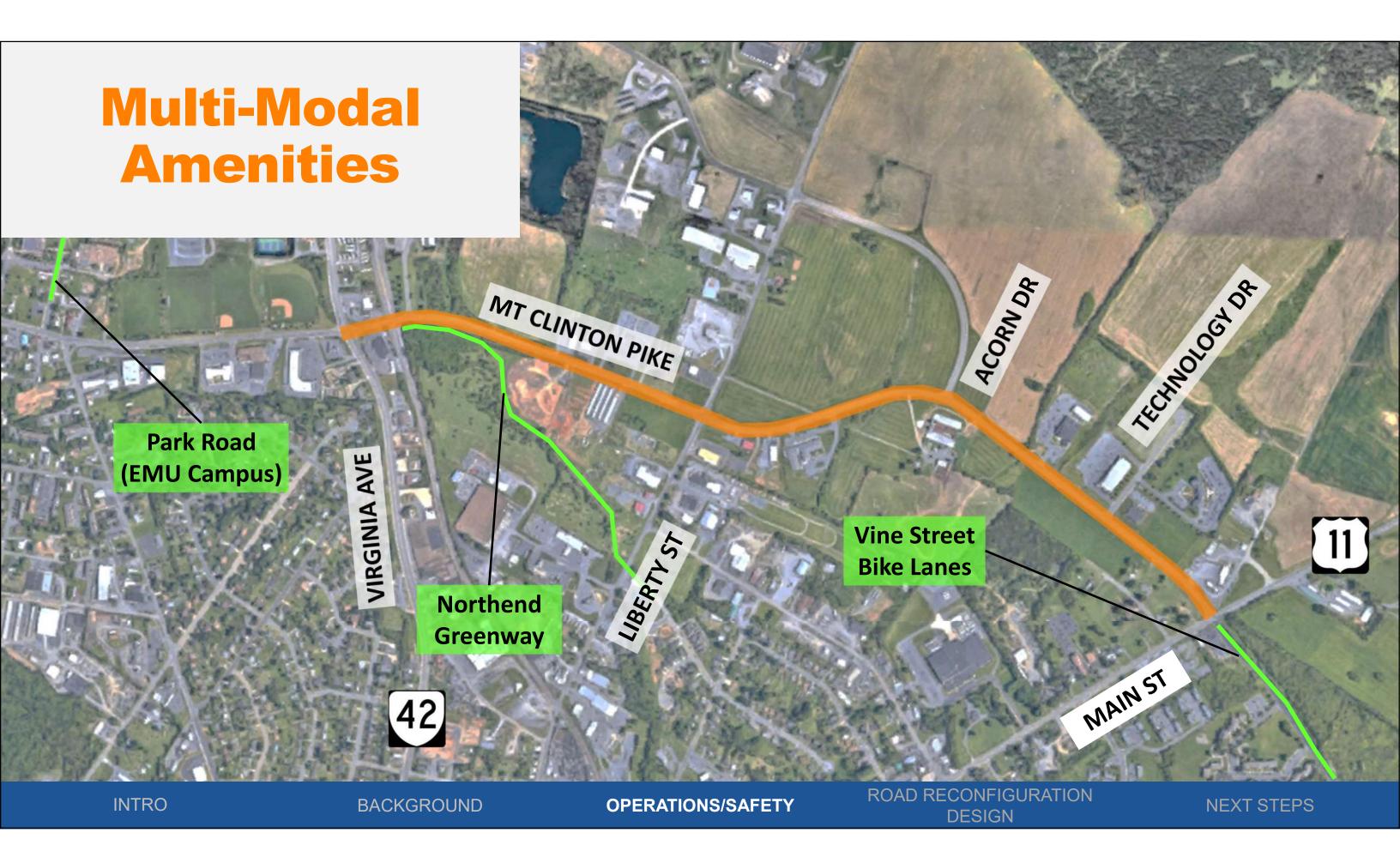
- Background
- Operations/Safety
- **Road Reconfiguration** Design



Background







Study Purpose

- Evaluate existing traffic operations and safety conditions
 - Identify opportunities for improving safety/connectivity
- Assess future travel projections and development patterns

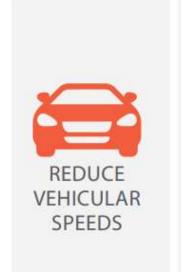
OPERATIONS/SAFETY

Develop road reconfiguration design concept

Road Reconfigurations

- Modifying pavement markings during repaving efforts or new construction
- Safety driven designs
- Source: VDOT Roadway Reconfiguration Guidance

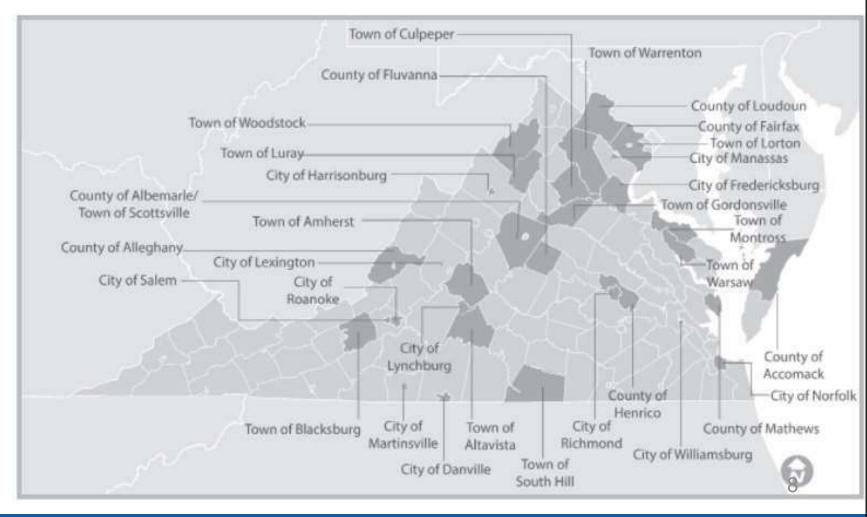
VDOT'S ROADWAY RECONFIGURATIONS ACROSS THE STATE











Road Reconfigurations

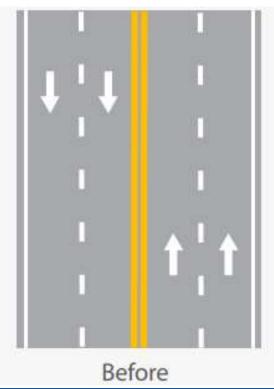
- Typically, reutilize pavement space by removing travel lanes to allow for bike lines, turn lanes, and/or parking.
- Lanes/intersections are evaluated for available capacity.
- Source: VDOT Roadway Reconfiguration Guidance

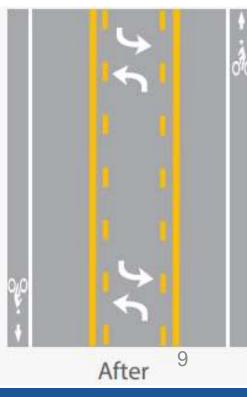


Bluemont Way (Before)



Bluemont Way (After)

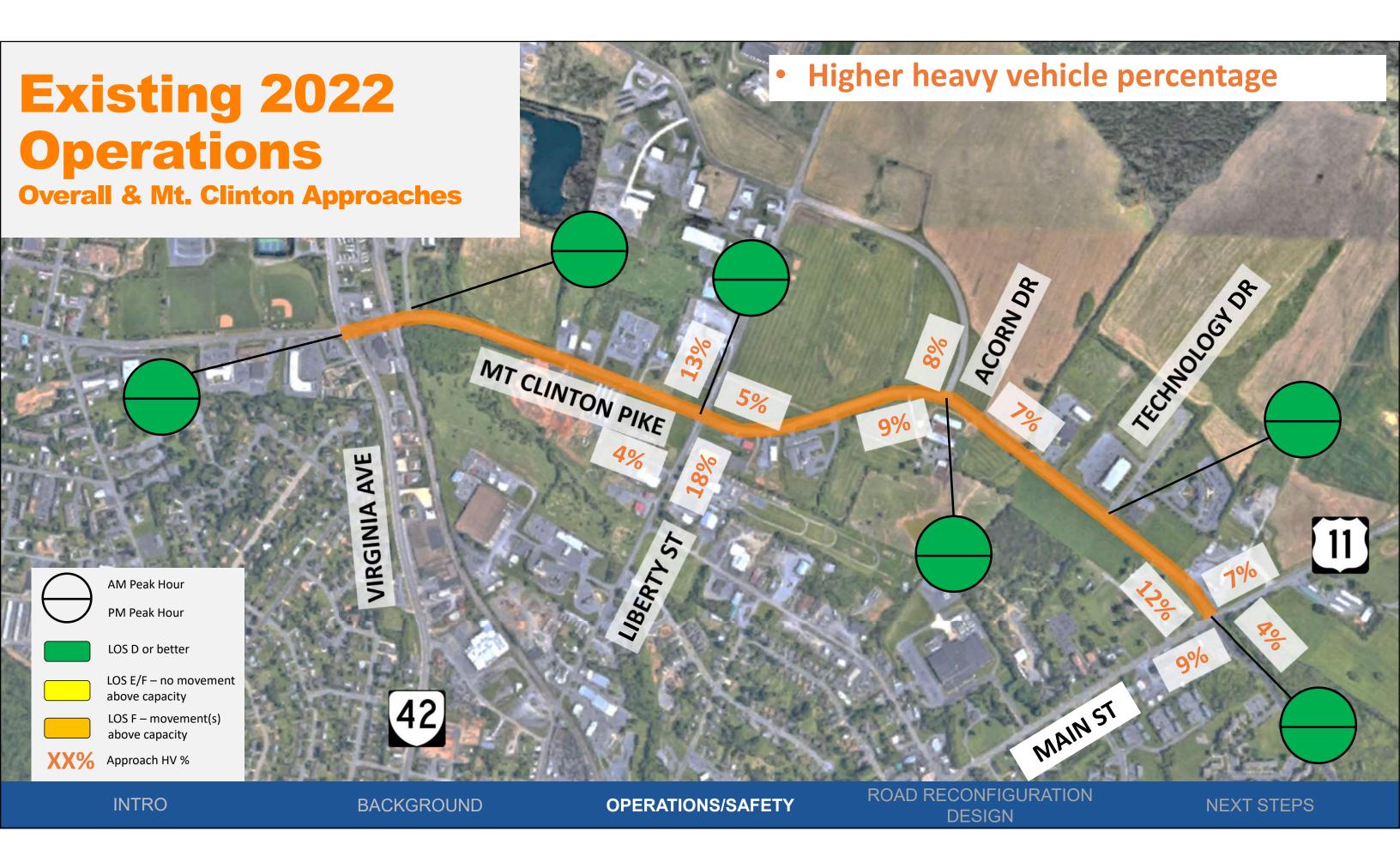




Operations/ Safety







Future 2040 Conditions

Derived volumes/growth from City of Harrisonburg's 2018

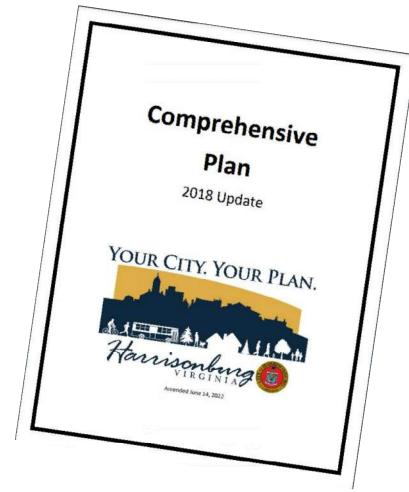
OPERATIONS/SAFETY

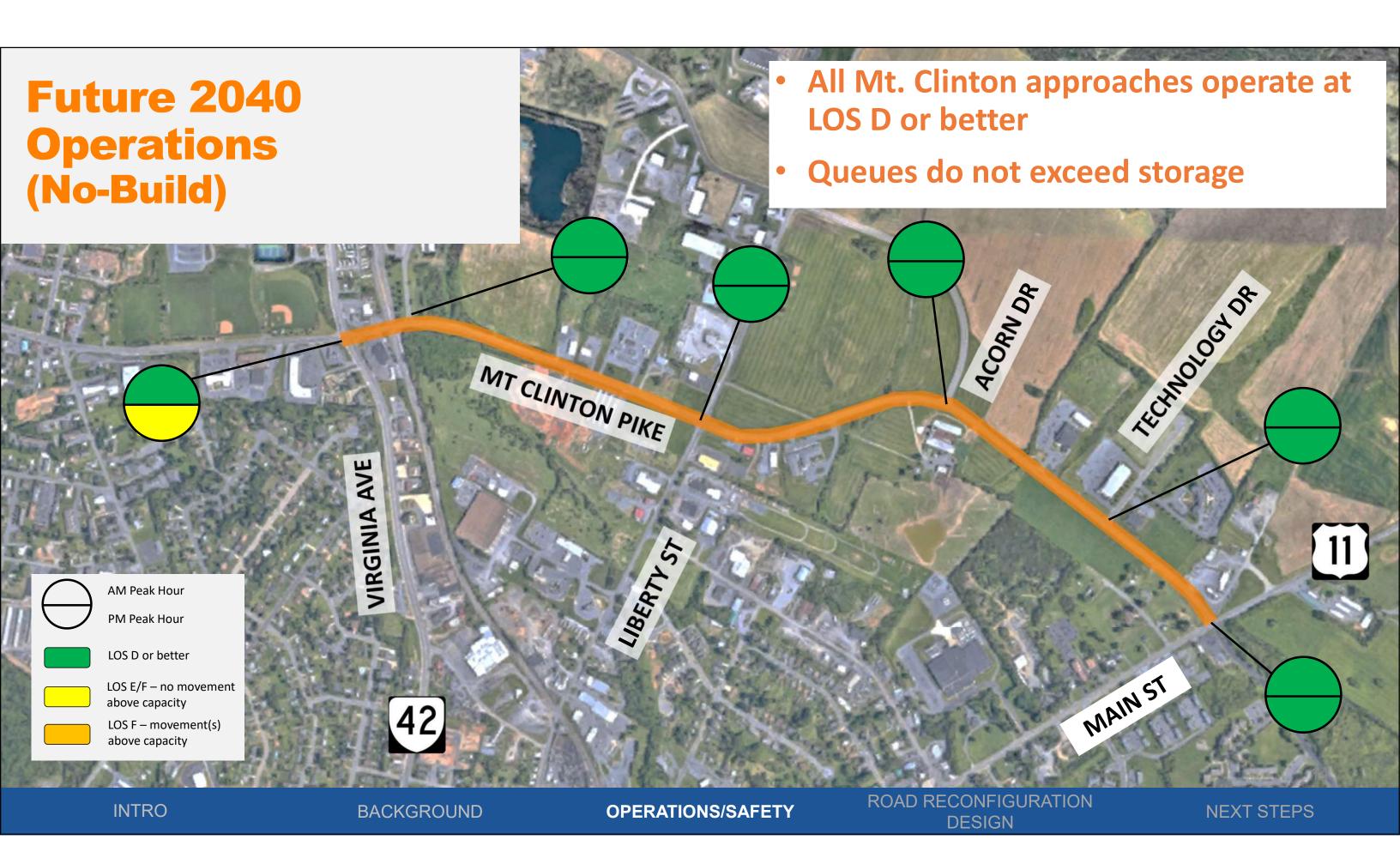
Comprehensive Plan for 2040 volumes

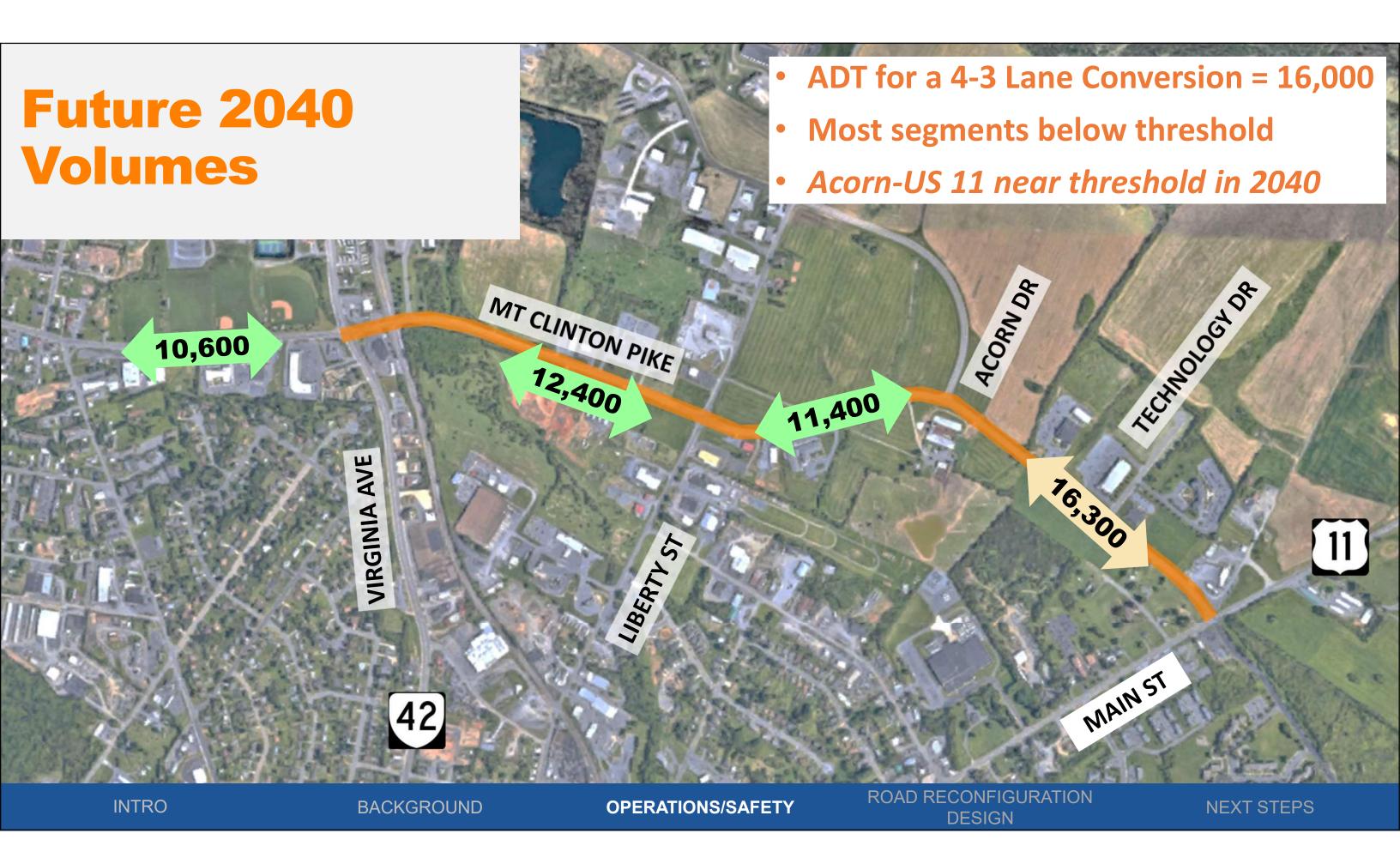
- Compared to current AADT counts
 - 2018 and 2020

INTRO

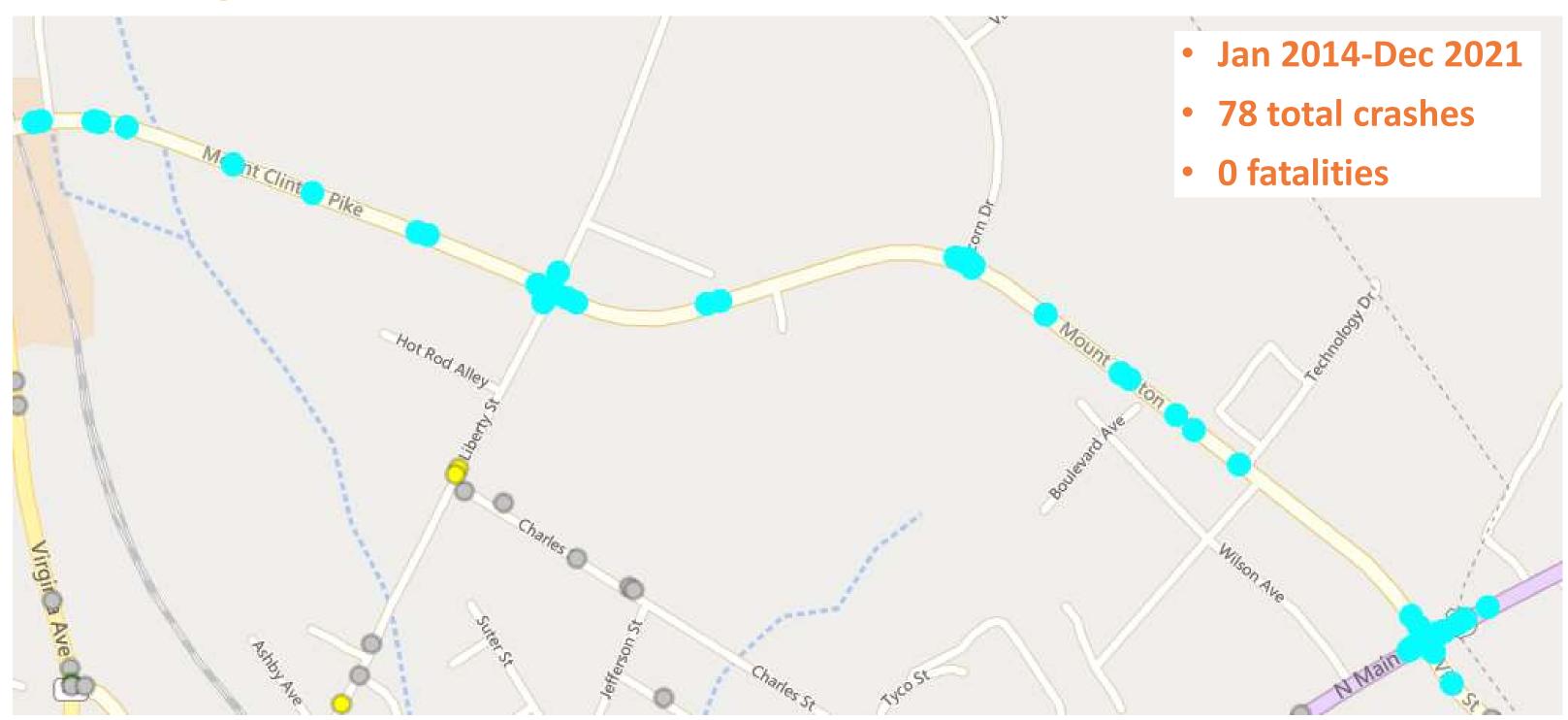
- Supplemented with VDOT Traffic Data
- Includes assumptions for development
 - Development of the "Island"
 - Agricultural development on Acorn
 - Technology Drive development







Safety



Safety

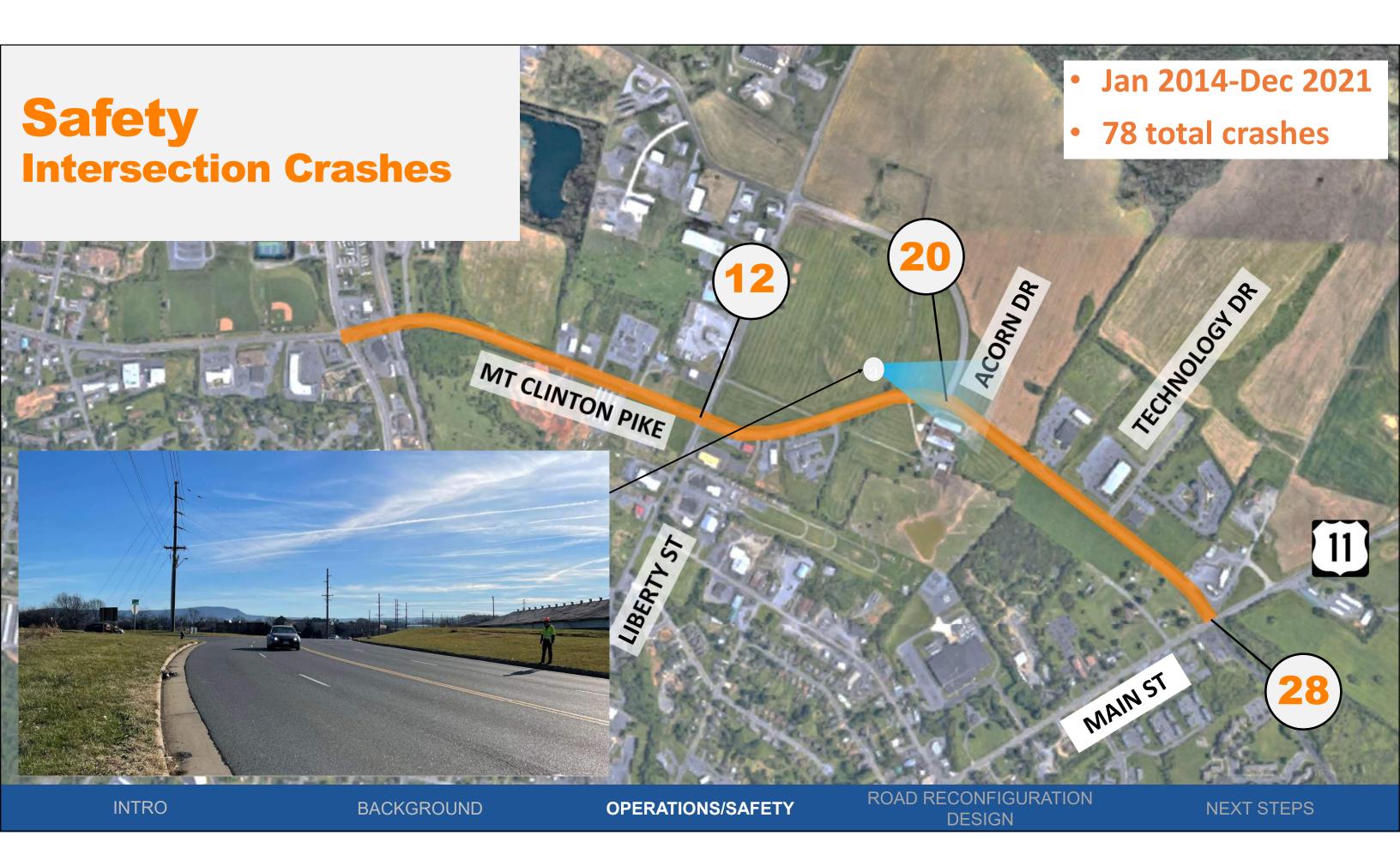
INTRO

- Jan 2014-Dec 2021
- 78 total crashes

No.	Crash Type	Total	% Total
1	Angle	37	47%
2	Rear-end	16	21%
3	Sideswipe (opposite dir.)	8	8%
4	Fixed Object Off Road	5	6%
-	Animal	5	6%
6	All other crash types	7	12%

Crash Severity	Total	% Total
K - Property Damage Only	0	0%
A - Serious Injury	2	3%
B - Minor/Possible Injury	22	28%
C - No Apparent Injury	0	0%
O - No Injury (property damage only)	54	69%

OPERATIONS/SAFETY



Road Reconfiguration Design

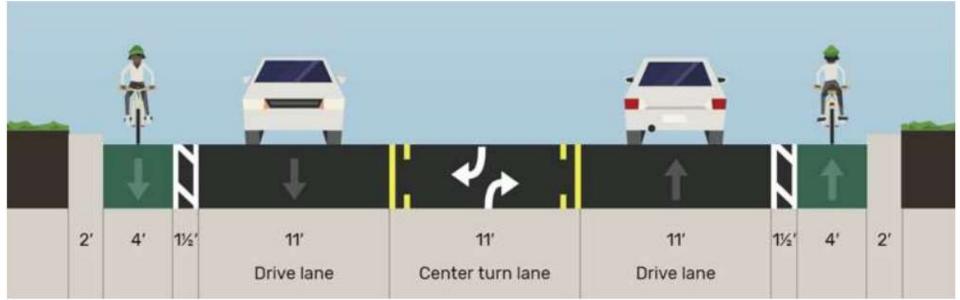


Road Reconfiguration Design

Existing Typical

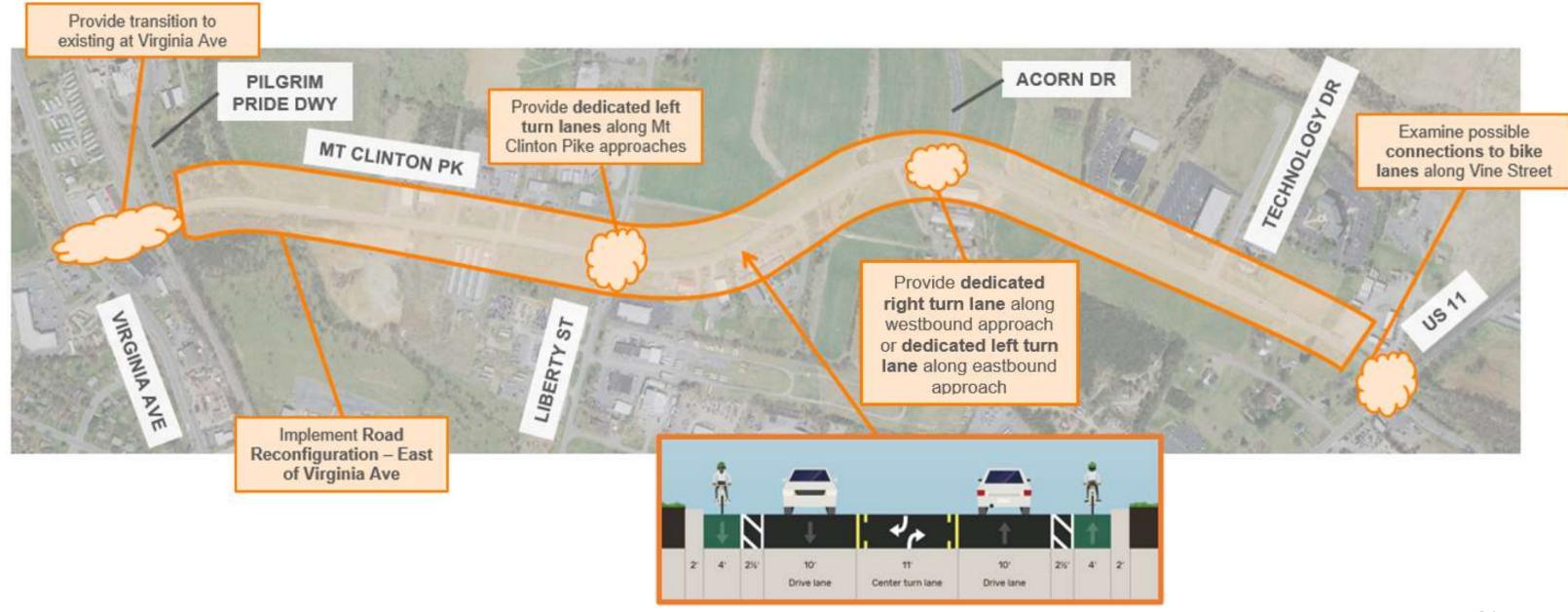


Proposed Typical



NEXT STEPS

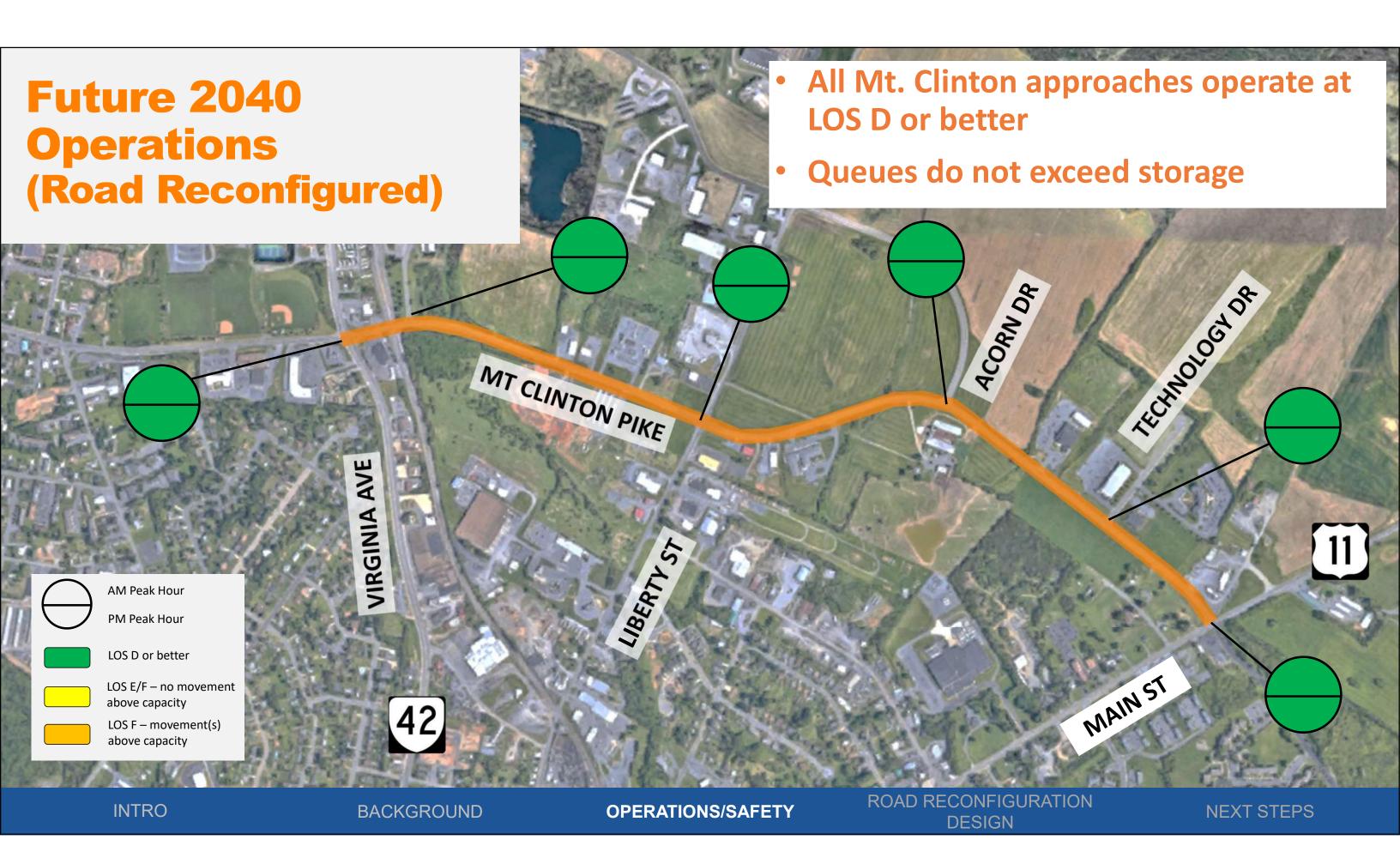
Road Reconfiguration Design



OPERATIONS/SAFETY

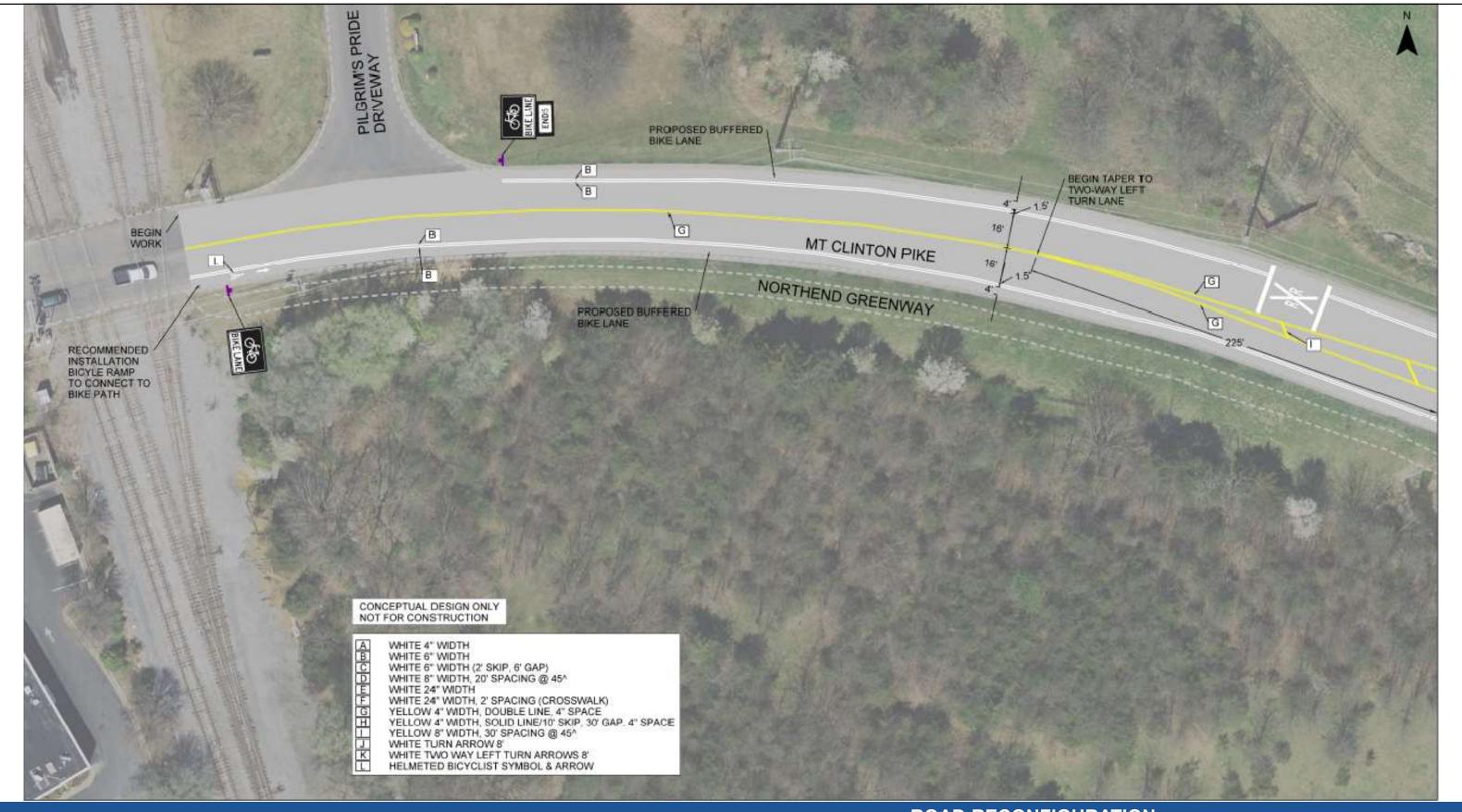
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INTRO





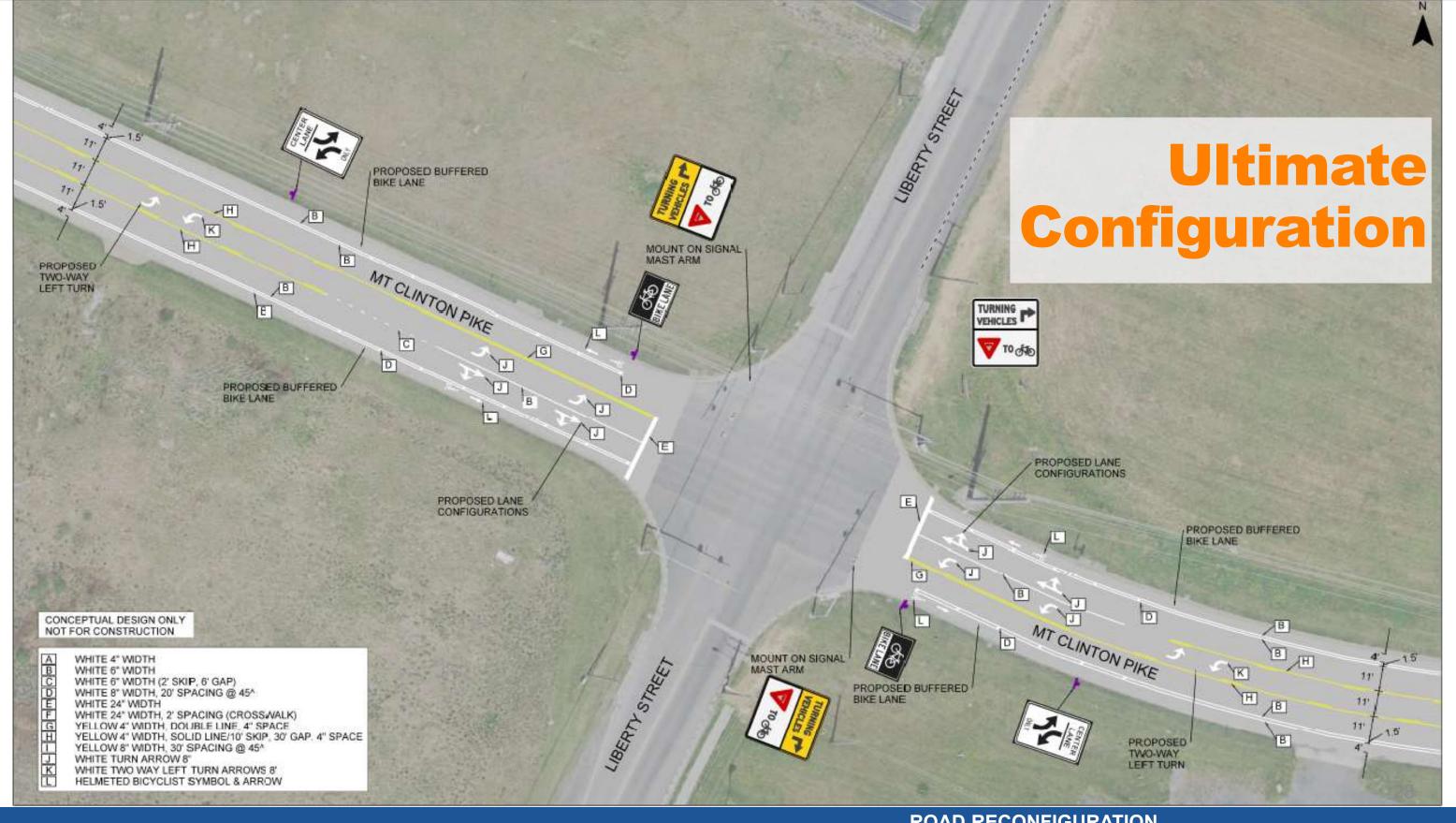
OPERATIONS/SAFETY



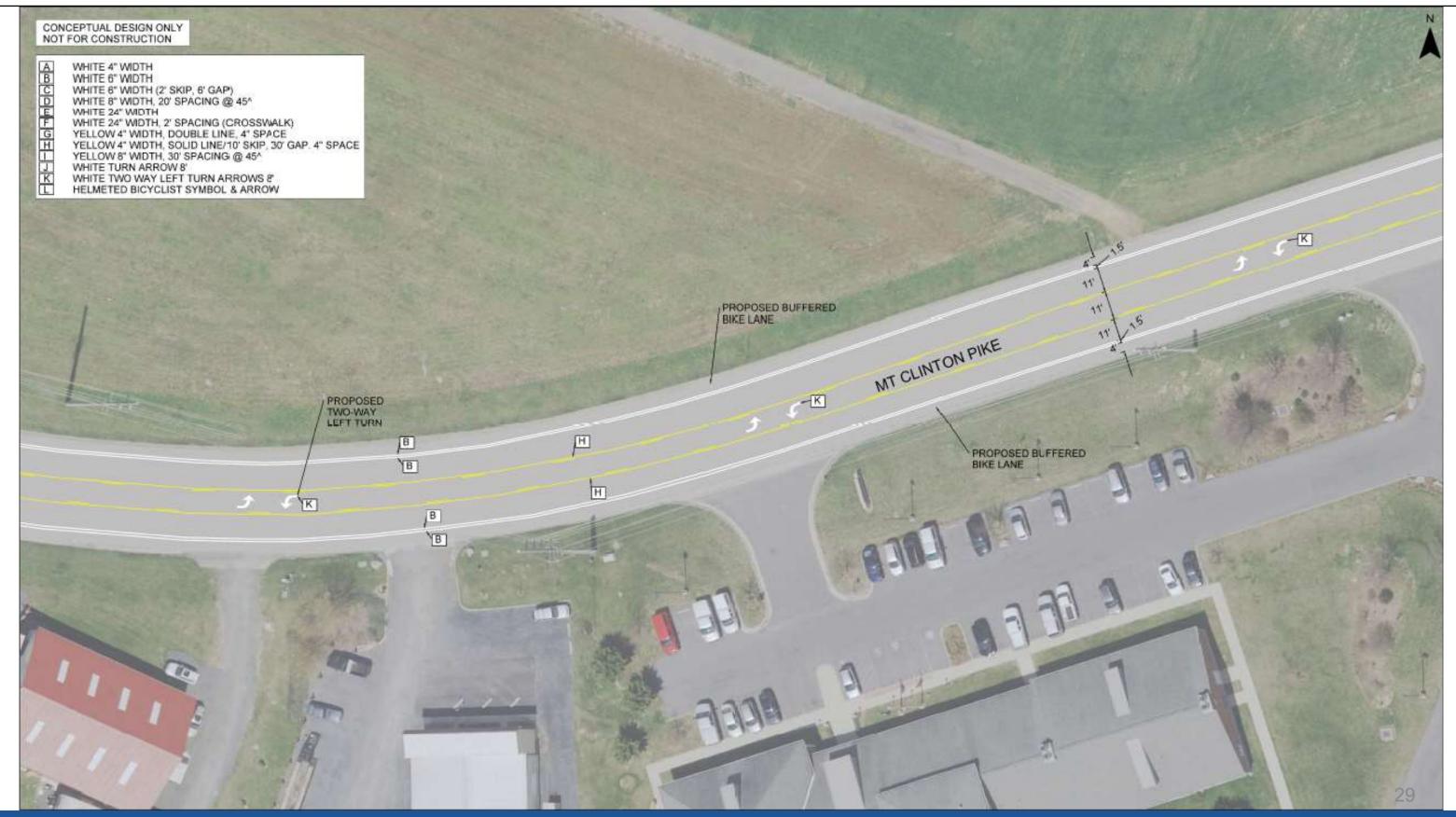






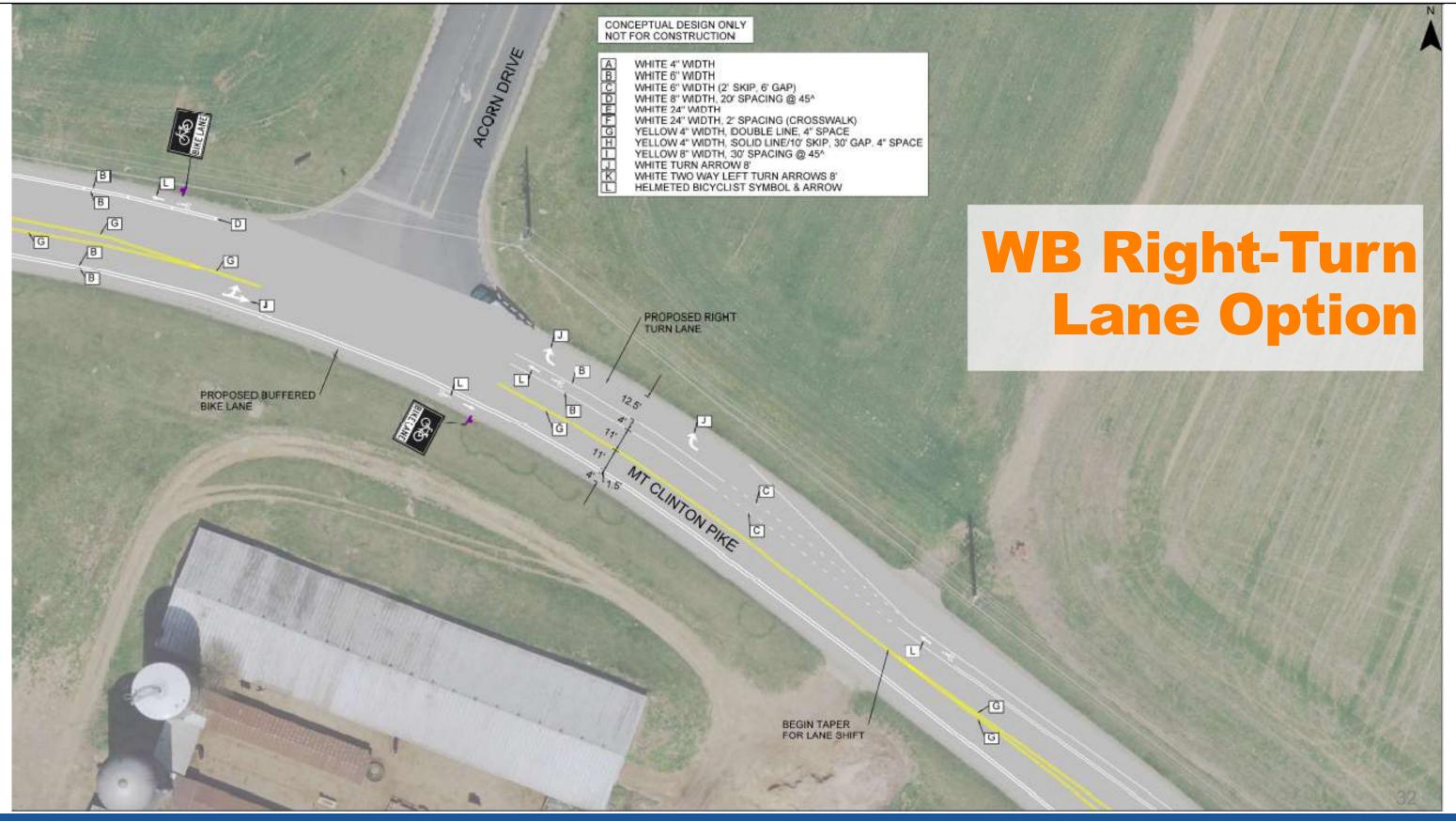


OPERATIONS/SAFETY















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INTRO



Next Steps



Next Steps

INTRO

City staff to coordinate public outreach and implementation



OPERATIONS/SAFETY

Thank you!

For more information

Contact

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