

APPENDIX C: INFRASTRUCTURE INVENTORY

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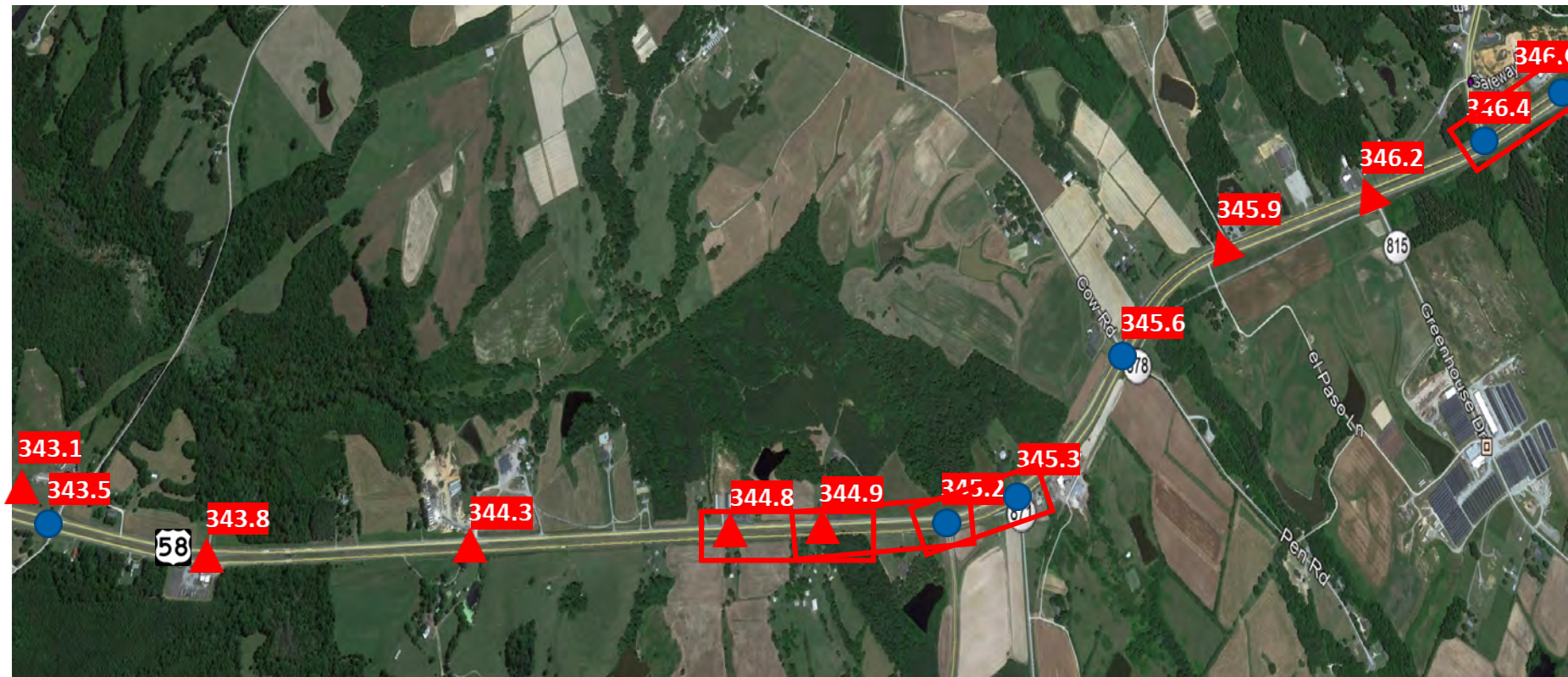
Infrastructure Inventory







- 339.1** Existing left turn lanes do not meet VDOT design requirements (storage length).
- 339.3** Existing left turn lanes do not meet VDOT design requirements. No US 58 right turn lanes. Grade differential.
- 339.7** Existing left turn lanes do not meet VDOT design requirements. Grade differential.
- 340.2** Existing left turn lanes do not meet VDOT design requirements. No US 58 right turn lanes.

- 340.5** Existing left turn lanes do not meet VDOT design requirements. No US 58 right turn lanes.
- 340.9** Existing left turn lanes do not meet VDOT design requirements.
- 341.3** Existing left turn lanes do not meet VDOT design requirements. Truck U-Turn tire marks.
- 341.6** Existing left turn lanes do not meet VDOT design requirements. No eastbound US 58 right turn lane

- 341.7** Existing left turn lanes and southbound right turn lane do not meet VDOT design requirements. Ambulatory injury
- 342.2** Existing left turn lanes do not meet VDOT design requirements. Existing Eastbound US 58 Right turn lane does not meet VDOT design requirements. Ambulatory Injury
- 342.7** Existing left turn lanes do not meet VDOT design requirements.



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards







- 343.1** Existing turn lanes do not meet VDOT design requirements. Skewed intersection, Multiple street and driveway accesses. (High crash point Fatal and Ambulatory).
- 343.5** All existing turn lanes do not meet VDOT design requirements.
- 343.8** Existing left turn lanes do not meet VDOT design requirements. Visible injury
- 344.3** Existing left turn lanes do not meet VDOT design requirements. No US 58 Right turn lanes.

- 344.8** Existing left turn lanes do not meet VDOT design requirements.
- 344.9** Existing left turn lanes do not meet VDOT design requirements
- 345.2** Existing left turn lanes do not meet VDOT design requirements. Grade difference. Visible injury.
- 345.3** Existing left turn lanes do not meet VDOT design requirements. Ambulatory injury. Access management.
- 345.6** Existing left turn lanes do not meet VDOT design requirements. No US 58 Right turn lanes. Visible injury.

- 345.9** Existing left turn lanes do not meet VDOT design requirements.
- 346.2** Existing left turn lanes do not meet VDOT design requirements. No US 58 Right turn lanes.
- 346.4** Existing left turn lanes do not meet VDOT design requirements. (Ambulatory Injury)
- 346.6** Existing left turn lanes do not meet VDOT design requirements.



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards



347.4 All Existing turn lanes do meet VDOT design requirements. Some vertical curve sight issues.

348.4 No left turn lanes exist at this median crossover

349.0 No left turn lanes exist at this median crossover.

351.1 All existing turn lanes do meet VDOT design requirements.

351.3 Existing turn lanes do meet VDOT design requirements.

351.6 All existing turn lanes do meet VDOT design requirements. Ambulatory injury.

351.9 Existing turn lanes do meet VDOT design requirements. No US 58 right turn lanes.





352.6 Existing turn lanes do meet VDOT design requirements.

352.8 All Existing turn lanes do not meet VDOT design requirements. No southbound and northbound right lanes.



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|--|--|--|
| <p>353.1 All Existing left turn lanes do not meet VDOT design requirements. Ambulatory injury. No westbound left turn lane.</p> | <p>353.8 All existing turn lanes do meet the VDOT requirements.</p> | <p>354.8 Existing US 58 left turn lanes do not meet VDOT design requirements. Fatal injury.</p> |
| <p>353.3 All exiting turn lanes do meet the VDOT requirements. Visible injury.</p> | <p>354.2 Existing US 58 left turn lanes do meet VDOT design requirements.</p> | <p>355.1 All Existing US 58 turn lanes do meet VDOT design requirements, except for WB right turn lane is short</p> |
| | <p>354.6 Existing left turn lanes do meet VDOT design requirements.</p> | |



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

355.8 Existing US 58 left turn lanes do meet VDOT design requirements.

356.2 Existing US 58 left turn lanes do meet VDOT design requirements. Existing US 58 right turn lanes do meet VDOT design requirements.

356.7 Existing US 58 left turn lanes do meet VDOT design requirements.

356.9 Existing east bound US 58 left turn lanes do meet VDOT design requirements.

357.4 Existing east bound US 58 left turn lanes do meet VDOT design requirements.

357.9 Existing US 58 left turn lanes are TWLTL turn lanes..






358.0 Existing US 58 left turn lanes do not meet VDOT design requirements.

358.3 Existing westbound US 58 left turn lanes do meet VDOT design requirements. (storage length).

358.5 Existing US 58 left turn lanes do not meet VDOT design requirements. Fatal injury in short distance after the crossover

358.9 Existing US 58 left turn lanes and eastbound right turn lane do meet VDOT design requirements. No westbound US 58 right lane. High crashes point in the intersection.

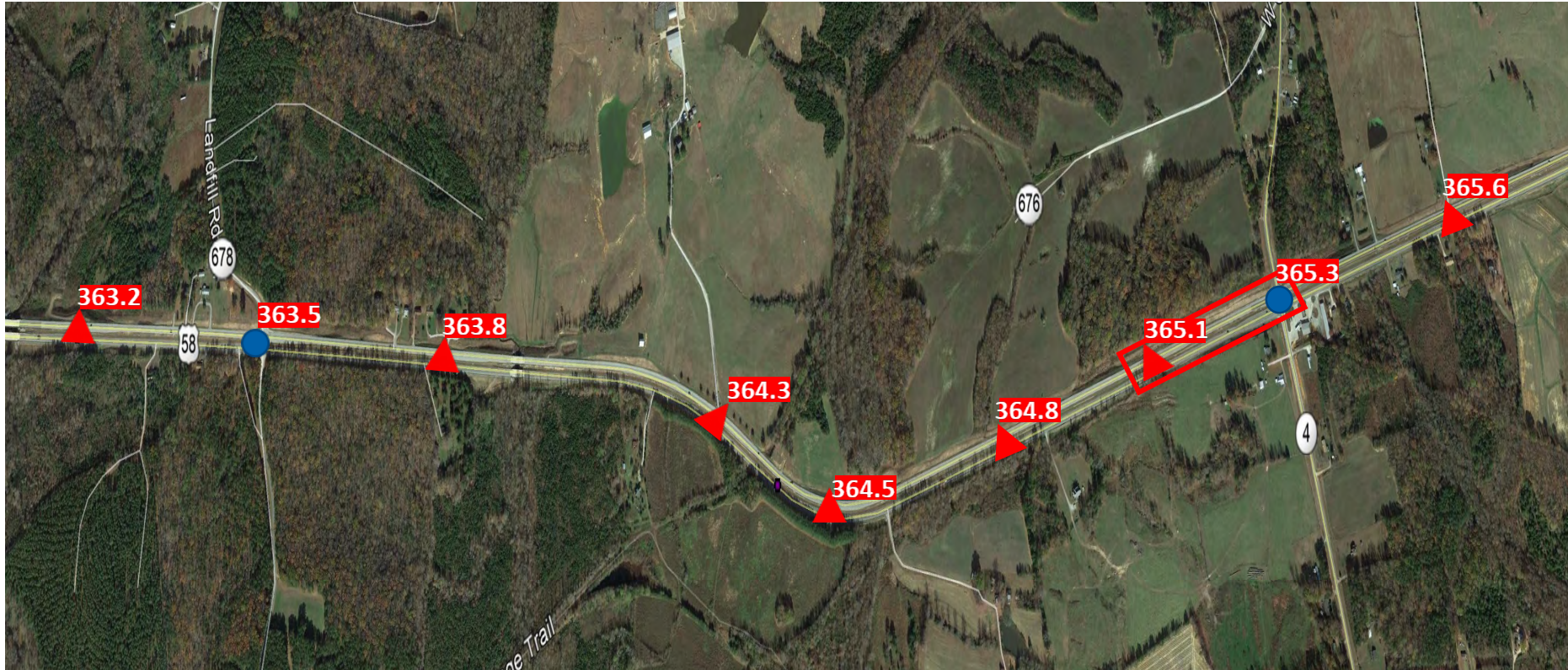






-  Flashers-Intersection
-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

- 359.5** Existing US 58 left turn lanes and eastbound right turn lane do meet VDOT design requirements. Existing US 58 eastbound right turn lane does not meet VDOT design requirements. High rate of crashes. Sight distance issue on eastbound approach.
- 359.8** Existing US 58 left turn lanes do meet VDOT design requirements. Existing US 58 eastbound right turn lane does not meet VDOT design requirements. (Ambulatory injury crash reported)
- 360.2** Existing westbound US 58 left turn lane do meet VDOT design requirements. ((Extra wide median))

- 360.4** Existing eastbound US 58 left turn lane and right turn lanes do not meet VDOT design requirements. High rate of crashes.
- 361.0** Existing US 58 left turn lanes do meet VDOT design requirements. Ambulatory injury.
- 361.7** All existing US 58 left turn lanes do meet VDOT design requirements.
- 361.9** Existing US 58 left turn lanes do not meet VDOT design requirements. Ambulatory crashes.
- 362.1** All existing US 58 left turn lanes do meet VDOT design requirements. . High crashes access point. Spacing does not meet VDOT requirements.

- 362.5** Existing US 58 left turn lanes do meet VDOT design requirements.
- 362.7** Existing US 58 left turn lanes do meet VDOT design requirements.
- 362.9** Existing US 58 left turn lanes do meet VDOT design requirements. No US 58 right turn lanes.



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

363.2 Existing US 58 left turn lanes do not meet VDOT design requirements

363.5 All existing US 58 turn lanes do meet VDOT design requirements.

363.8 Existing US 58 left turn lanes do not meet VDOT design requirements

364.3 Existing westbound US 58 left turn lanes does not meet VDOT design requirements.

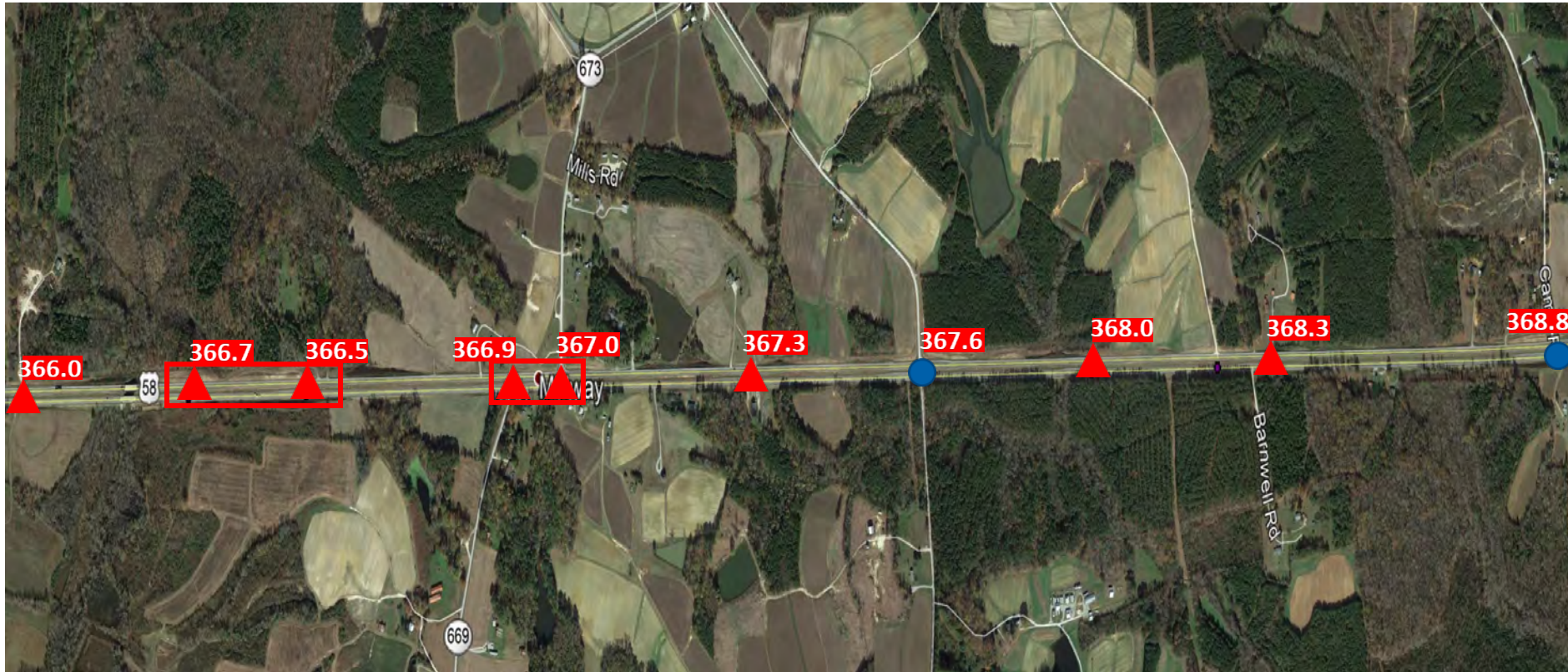
364.5 Existing US 58 left turn lanes do not meet VDOT design requirements. Visible injury.





364.8 No US 58 left turn lanes.

365.1 Existing US 58 left turn lanes do meet VDOT design requirements

365.3 Existing US 58 right turn lanes do not meet VDOT design requirements. Sight issue to see the intersection due to incline in both sides. High rate of visible injury crashes





365.6 Existing US 58 left turn lanes do meet VDOT design requirements



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

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|---|---|---|
| <p>366.0 Existing US 58 left turn lanes do meet VDOT design requirements</p> | <p>367.0 Existing westbound US 58 left turn lane does not meet VDOT design requirements.</p> | <p>368.3 Existing US 58 left turn lanes do meet VDOT design requirements. Fatal crash</p> |
| <p>366.3 Existing US 58 left turn lanes do not meet VDOT design requirements</p> | <p>367.3 Existing US 58 left turn lanes do meet VDOT design requirements. Visible crash.</p> | <p>368.8 Existing US 58 left turn lanes do meet VDOT design requirements. Existing US 58 Westbound right turn lane does not meet VDOT design requirements.</p> |
| <p>366.5 Existing US 58 left turn lanes do not meet VDOT design requirements</p> | <p>367.6 Existing westbound US 58 left turn lane do meet VDOT design requirements</p> | |
| <p>366.9 Existing eastbound US 58 left turn lane does not meet VDOT design requirements.</p> | <p>368.0 Existing US 58 left turn lanes do meet VDOT design requirements</p> | |



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
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369.2 Existing eastbound US 58 left turn lanes do not meet VDOT design requirements

369.5 Existing eastbound US 58 left turn lane does not meet VDOT design requirements. Begin TWLTL east of intersection.






369.8 Existing US 58 TWLTL left turn lanes.

370.5 Existing US 58 TWLTL left turn lanes. No US 58 right turn lanes. High rate of crashes.

370.9 Existing US 58 TWLTL left turn lanes. No US 58 right turn lanes. High rate of crashes. TWLTL inconsistent.

371.3 Existing US 58 TWLTL left turn lanes. Driveways only.



-  Flashers-Intersection
-  Signalized Intersection
-  Unsignalized Intersection
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372.2

Existing US 58 left turn lanes TWLTL (inconsistent).

372.5

Existing US 58 left turn lanes TWLTL (inconsistent). This intersection has overhead flashers. Westbound on-ramp from US 1 (Eastern) acceleration lane too short. Ambulatory crashes.

372.7

Westbound Acceleration lane is short.



373.0 Existing westbound US 58 left turn lane and all right turn lanes do not meet VDOT design requirements. Sight distance issue for north bound. High rate of crashes.

373.4 Existing US 58 left turn lanes do meet VDOT design requirements

374.6 Existing US 58 left turn lanes do meet VDOT design requirements. Existing eastbound US 58 right turn lane does not meet VDOT design requirements.

375.6 Existing US 58 left turn lanes do not meet VDOT design requirements. Existing US 58 eastbound right turn lane does not meet VDOT design requirements. High rate of crashes.

376.2 The intersection meets VDOT design requirements except for the distance between intersection and interchange ramp. High rate of visible injury crashes

376.3 No US 58 left lanes. Fatal crashes.

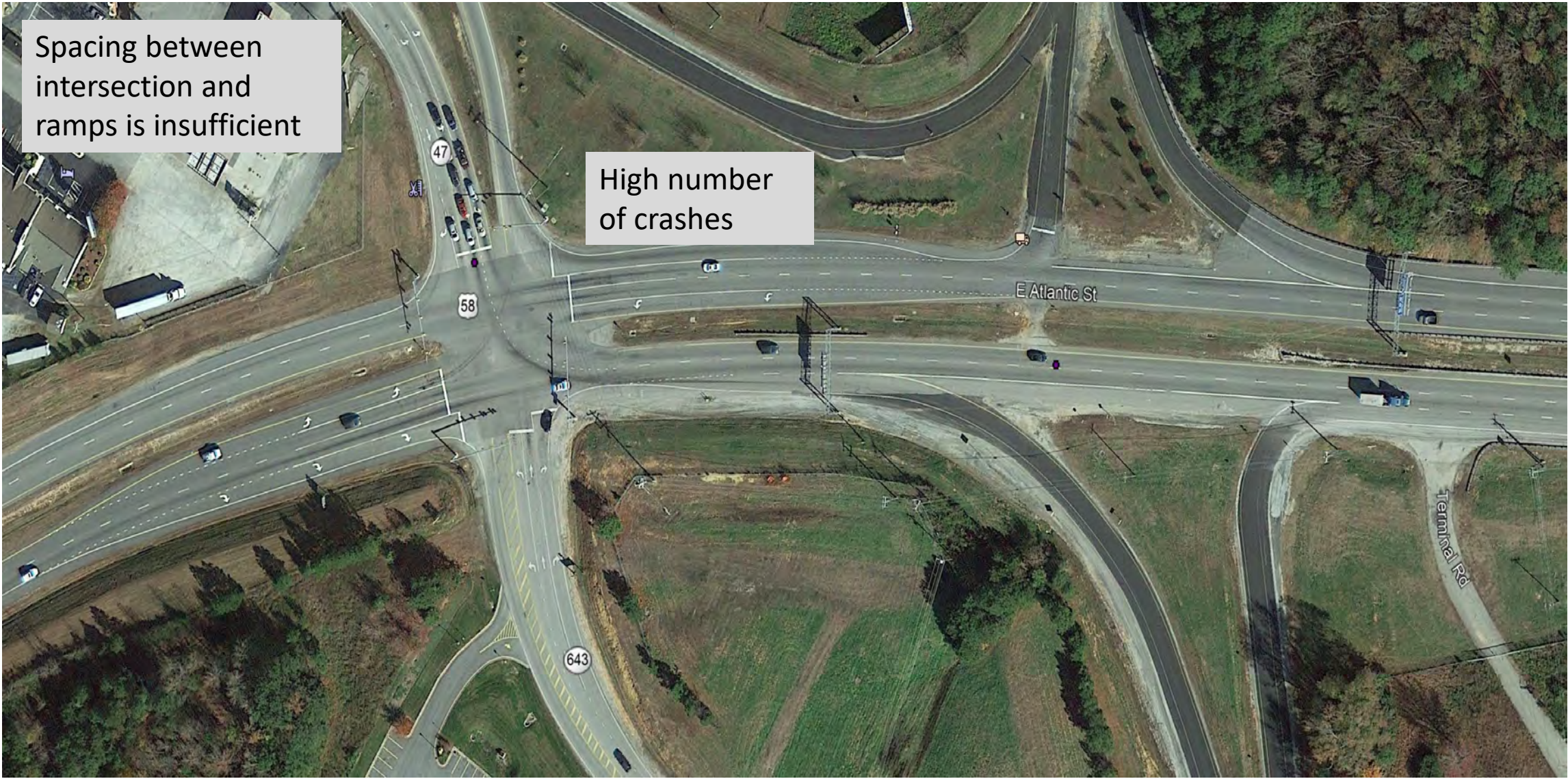
376.6 Existing US 58 left turn lanes do meet VDOT design requirements. No US 58 right turn lanes

376.7 Existing US 58 left turn lanes do meet VDOT design requirements. Ambulatory injury crashes. Visible crash

376.8 Existing US 58 left turn lanes do meet VDOT design requirements. Multiple ambulatory crashes. Visible crash.

376.9 Existing US 58 left turn lanes do meet VDOT design requirements. Existing eastbound US 58 right turn lane does meet VDOT design requirements. Multiple access points. Multiple ambulatory crashes

377.0 All exiting US 58 do meet the VDOT design requirements. Multiple access points. High rate of crashes.

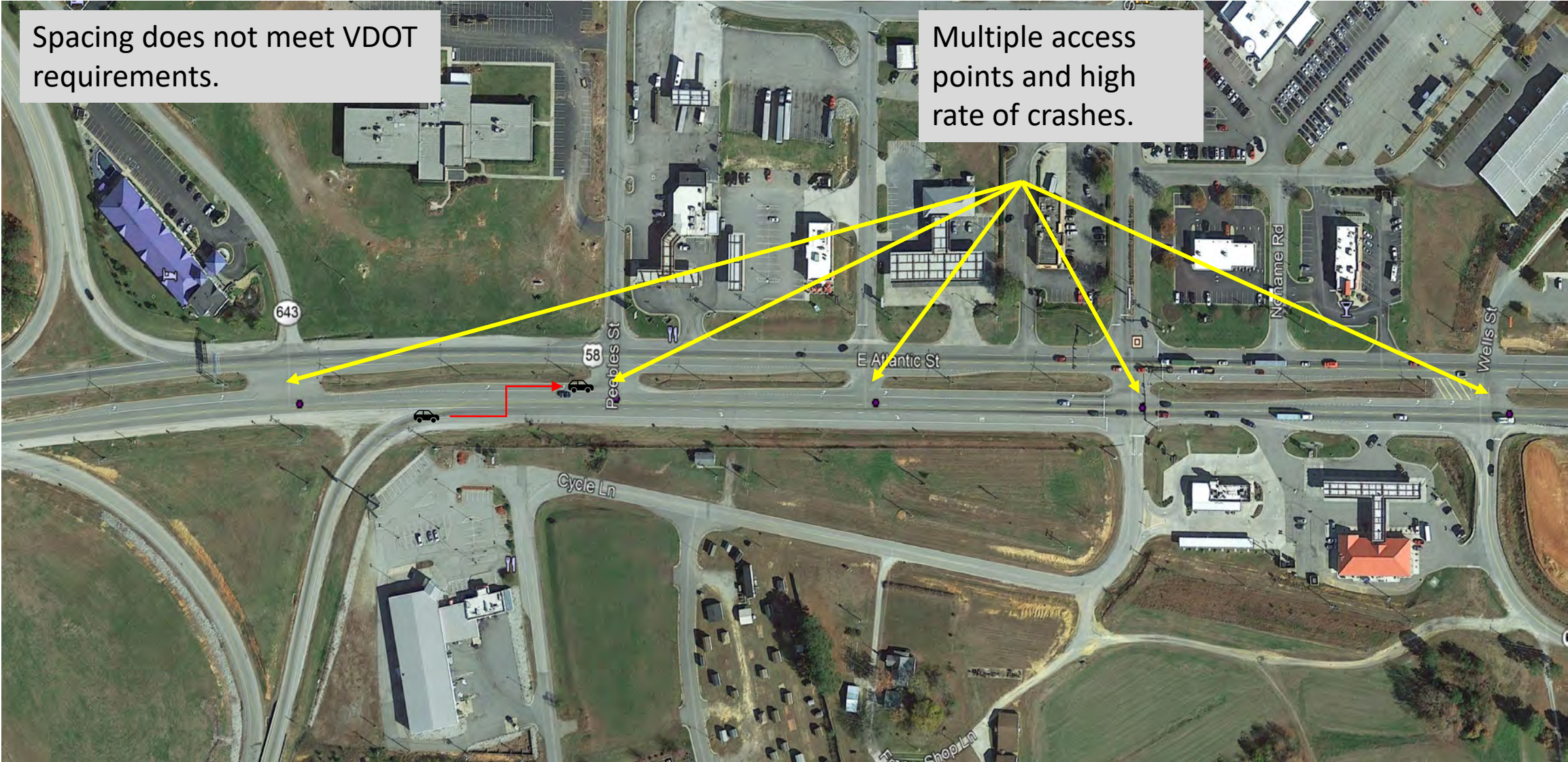


Spacing between intersection and ramps is insufficient





High number of crashes

Spacing does not meet VDOT requirements.

Multiple access points and high rate of crashes.









-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

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| <p>377.3 Existing US 58 left turn lanes do meet VDOT design requirements.</p> <p>377.4 Existing westbound US 58 right turn lane does not meet VDOT design requirements</p> <p>377.6 Existing US 58 left turn lanes do not meet VDOT design requirements. Existing eastbound US 58 right turn lane does not meet VDOT design requirements</p> <p>377.8 All existing US 58 left turn lanes do meet VDOT design requirements.</p> | <p>378.2 All existing US 58 left and right turn lanes do not meet VDOT design requirements. ((Access points))</p> <p>378.4 Existing US 58 left turn lanes do meet VDOT design requirements.</p> <p>378.6 Existing US 58 left turn lanes do meet VDOT design requirements.</p> <p>378.9 Existing eastbound US 58 left turn lane does not meet VDOT design requirements. Fatal crash</p> | <p>379.3 All Existing US 58 left and right turn lanes do meet VDOT design requirements.</p> |
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-  Signalized Intersection
-  Unsignalized Intersection
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380.3 No US 58 left turn lanes. High rate of Crashes.

380.5 No US 58 left turn lanes exist.

380.7 No US 58 turn lanes exist. Is this for authorized vehicles?

381.4 Existing US 58 TWLTL left turn lanes.

381.5 Existing US 58 TWLTL left turn lanes. Multiple access points.

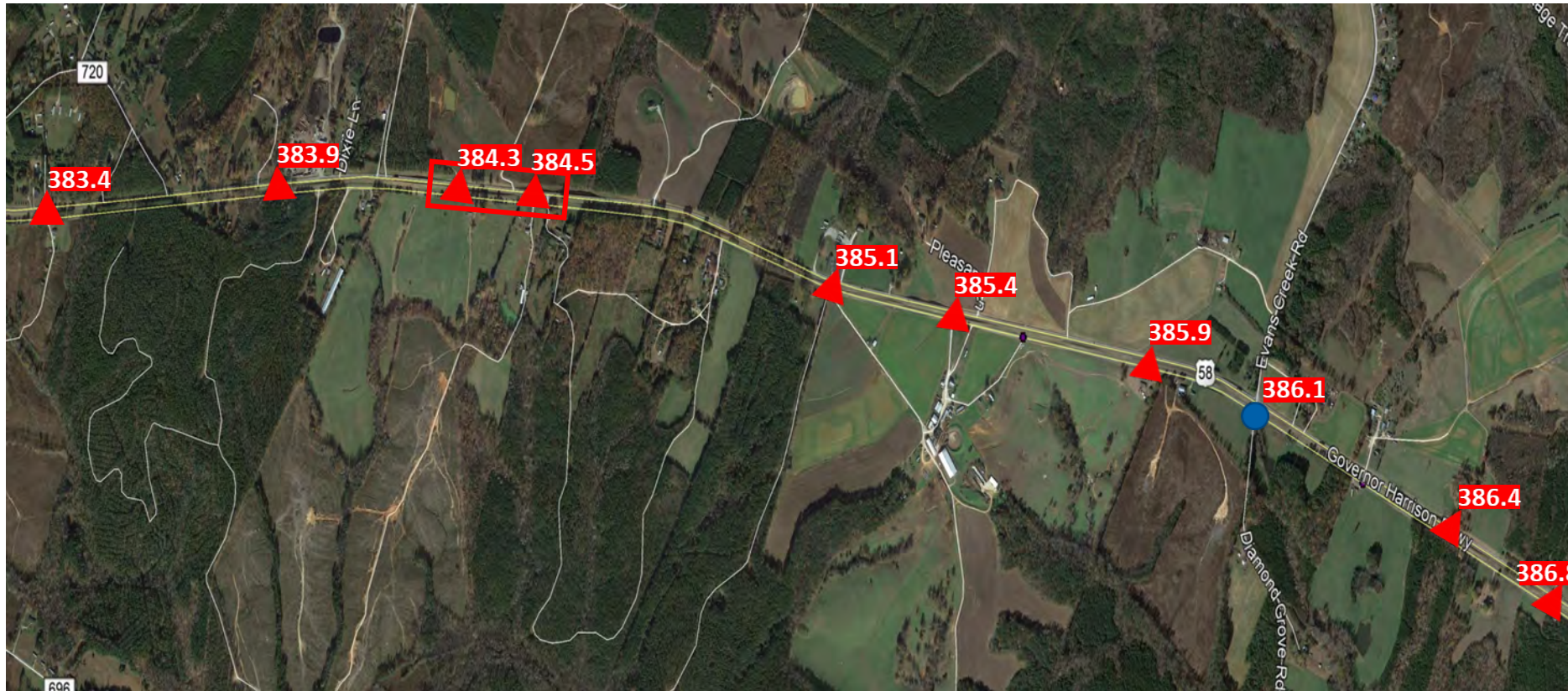
382.3 No US 58 left lanes exist





382.6 No US 58 left lanes exist.

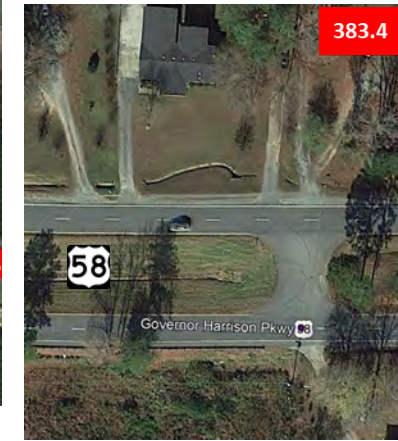
382.8 No US 58 left lanes exist

383.1 No US 58 left lanes exist.





-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards







- 383.4** No US 58 left turn lanes. Multiple driveways.
- 383.9** Existing US 58 westbound turn lane does not meet VDOT design requirements. No US 58 eastbound left turn lane. Fatal crash.
- 384.3** No US 58 left turn lanes
- 384.5** No US 58 Left turn lanes

- 385.1** Existing eastbound US 58 left turn lane does not meet VDOT requirements. No US 58 westbound left turn lane. (Access points)
- 385.4** No US 58 Left turn lane.
- 385.9** No US 58 Left turn lane.
- 386.1** Existing US 58 left turn lanes do not meet VDOT design requirements.
- 386.4** No US 58 Left turn lane. Ambulatory injury crashes in this access point.





386.8 No US 58 Left turn lane.



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

387.4	No US 58 left turn lanes.	389.3	Existing US 58 left and right turn lanes do not meet VDOT design requirements. Visible injury crashes.	390.9	No US 58 left turn lanes.
387.8	All exiting US 58 turn lanes do not meet VDOT requirements. High rate of crashes include fatal crashes. Grade difference.	389.5	No US 58 left turn lanes.		
388.0	No US 58 left turn lanes. Visible crash.	-			
388.4	No US 58 left turn lanes.	390.5			
		-			
		390.7			
		390.8	Exiting US 58 eastbound left turn lane does not meet VDOT requirements. No US 58 westbound left turn lane. Exiting US 58 westbound right turn lane does not meet VDOT requirements. No US 58 eastbound right turn lane.		








-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
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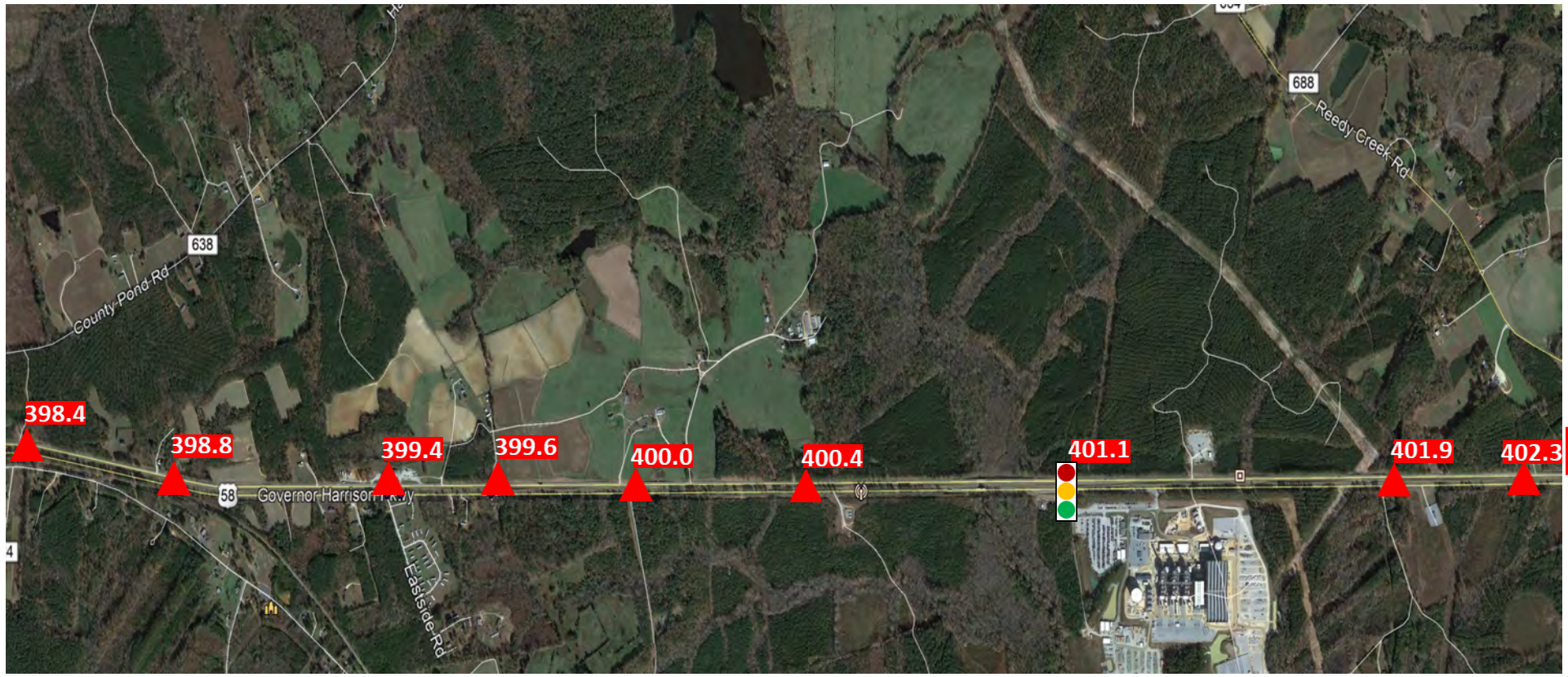
390.9
-
391.0 No US 58 left turn lanes
-
391.2
391.3 Existing US 58 westbound left turn lane does not meet VDOT design requirements. No eastbound US 58 left turn lane
391.5 Existing US 58 eastbound left turn lane does not meet VDOT design requirements. No westbound US 58 left turn lane





391.6 Existing US 58 left turn lanes do not meet VDOT design requirements. No US 58 right turn lanes
392.4 No US 58 left turn lanes



-  Flashers-Intersection
-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

- | | | |
|--|--|---|
| <p>394.5
-
394.8</p> <p>No US 58 left turn lanes. . One Ambulatory injury crashes in this access point 394.5.</p> | <p>396.7</p> <p>Existing westbound US 58 left turn lane does no meet VDOT requirements. No US 58 eastbound left turn lane</p> | <p>398.0</p> <p>Exiting US 58 left turn lanes do not meet VDOT requirements. No US 58 right turn lanes</p> |
| <p>396.1</p> <p>Exiting US 58 left turn lanes do not meet VDOT requirements. Exiting eastbound US 58 right turn lane does not meet VDOT requirements.</p> | <p>397.1</p> <p>Existing westbound US 58 left turn lane does no meet VDOT requirements. No US 58 eastbound left turn lane</p> | |
| <p>396.3</p> <p>Existing westbound US 58 left turn lane does no meet VDOT requirements. No eastbound left turn lane.</p> | <p>397.4</p> <p>Existing westbound US 58 left turn lane does no meet VDOT requirements. No US 58 eastbound left turn lane.</p> | |
| <p>396.6</p> <p>Existing eastbound US 58 left turn lane does no meet VDOT requirements. No US 58 westbound left turn lane. Fatal crash</p> | <p>397.6</p> <p>Exiting US 58 left turn lanes do not meet VDOT requirements. No US 58 right turn lanes. No US 58 right turn lanes. Grade differential on US 58 eastbound and westbound. High rate of crashes.</p> | |



-  Signalized Intersection
-  Unsignalized Intersection
-  Median Crossovers
-  Inadequate intersection spacing per VDOT standards

398.4 - 398.8 No US 58 left turn lanes. High rate of crashes at access point 398.4

399.4 Exiting US 58 left turn lanes do not meet VDOT requirements.

399.6 No US 58 left turn lanes.

400.0 Existing westbound US 58 left turn lane does not meet VDOT requirements. No US 58 eastbound left turn lane





400.4 No US 58 left turn lanes.

401.1 Existing westbound US 58 left turn lane DOES meet VDOT requirements. No US 58 eastbound left turn lane. Existing eastbound US 58 right turn lane DOES meet VDOT requirements.

401.9 Existing eastbound US 58 left turn lane does meet VDOT requirements. No US 58 westbound left turn lane

402.3 No US 58 left turn lanes.



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-  Unsignalized Intersection
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402.6 Exiting US 58 left turn lanes do not meet VDOT requirements. No US 58 right turn lanes.

403.0 No US 58 left turn lanes.

403.4 No US 58 left turn lanes.

403.9 No US 58 left turn lanes.

404.4 No US 58 left turn lanes.

401.1 Exiting US 58 left turn lanes do not meet VDOT requirements.

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