



FINNEY & GRAY COUNTIES U.S. 50/400 FOUR-LANE EXPRESSWAY



PROJECT OVERVIEW

The U.S. 50/400 expansion in Finney and Gray counties includes four projects: 1, 2, 3 and 4 on the map below. This 21-mile, four-lane expansion spans from Aerodrome Road in Finney county to Cimarron in Gray county.

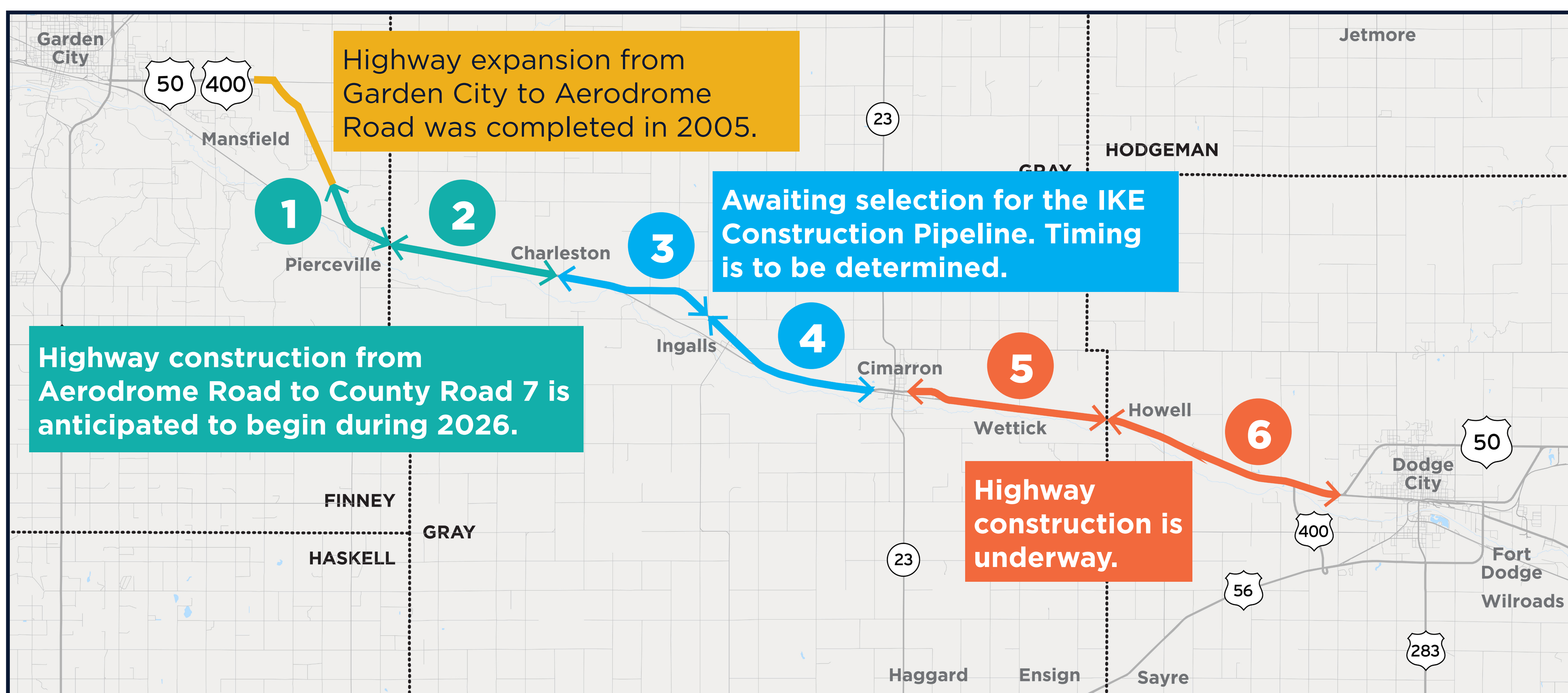
These projects were selected for the IKE Development Pipeline in 2023 and are currently nearing completion of the preliminary design phase. Projects 1 and 2 were selected for the IKE Construction Pipeline in Sept. 2023 and construction is anticipated to begin in 2026. Projects 3 and 4 are currently awaiting selection for the IKE Construction Pipeline when a construction date will be provided.

Expressway projects 5 and 6 on the map below were part of the previous T-WORKS Program and construction is well underway.



KDOT is advancing the U.S. 50/400 expansion project to meet goals established by the The Eisenhower Legacy Transportation Program (IKE), which is a roughly \$10 billion investment in the future of Kansas. This program and the transportation improvements it will deliver play a key role in our state's economic recovery, putting Kansans to work and improving quality of life.

Project Area Map



Anticipated schedule
Preliminary plans (2022 - 2023)
Right-of-way acquisition (2024 - 2025)
Final plans (2023 - 2026)
Contractor selected (2026)

- 1** U.S. 50/400, from Aerodrome Road east to Finney/Gray county line
3.2 miles (KA-6023-01)
- 2** U.S. 50/400, from Finney/Gray county line east to CR 7 in Gray county
6.0 miles (KA-6024-01)
- 3** U.S. 50/400, from CR 7 to CR 12 in Gray county
5.4 miles (KA-6025-01)
- 4** U.S. 50/400, from CR 12 to Cimarron west city limits in Gray county
6.5 miles (KA-6026-01)
- 5** U.S. 50/400, reconstruct to four-lane expressway in Gray county
(KA-2383-01)
- 6** U.S. 50/400, reconstruct to four-lane expressway in Ford county
(KA-2384-01)



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EXPRESSWAY EXPANSION GOALS

The goals of the U.S. 50/400 expressway expansion project include:

- Enhancing safety and connectivity
- Improving truck freight mobility
- Promoting long-term regional economic growth
- 70 mph corridor at completion

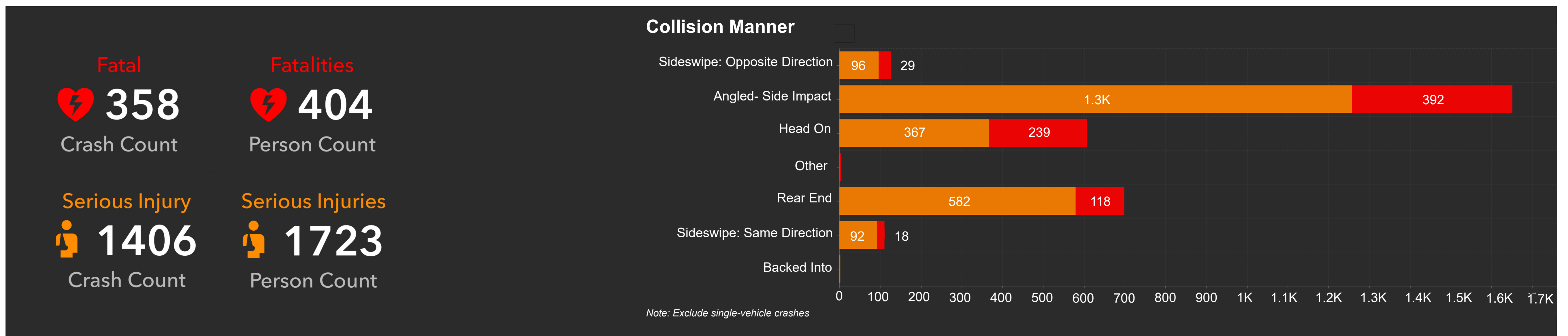
FOCUS ON SAFETY

KDOT is taking a coordinated and informed approach to reducing highway fatalities and serious injuries on all public roads. As part of its Strategic Highway Safety Plan and Safe System Approach, Improvements for the new U.S. 50/400 expressway will include:



- Divided, grass median → Reduce risk for head-on collisions
- Wider shoulders, flatter slopes → Reduce risk for roll over
- Additional lanes → Safer passing maneuvers
- Dedicated left and right turn lanes → Reduce risk for rear-end collisions
- Access management → Minimize turning conflicts
- Consolidate at-grade RR crossings → Reduce risks at crossings
- Innovative intersections → Reduce risk for side-impact collisions

2022 Kansas crash summary dashboard statewide



Source: Summary Dashboard. Drive to Zero Crash Data Dashboard. <https://storymaps.arcgis.com/stories/01b8e784d1634e94b84ea0df67b8aea4>.



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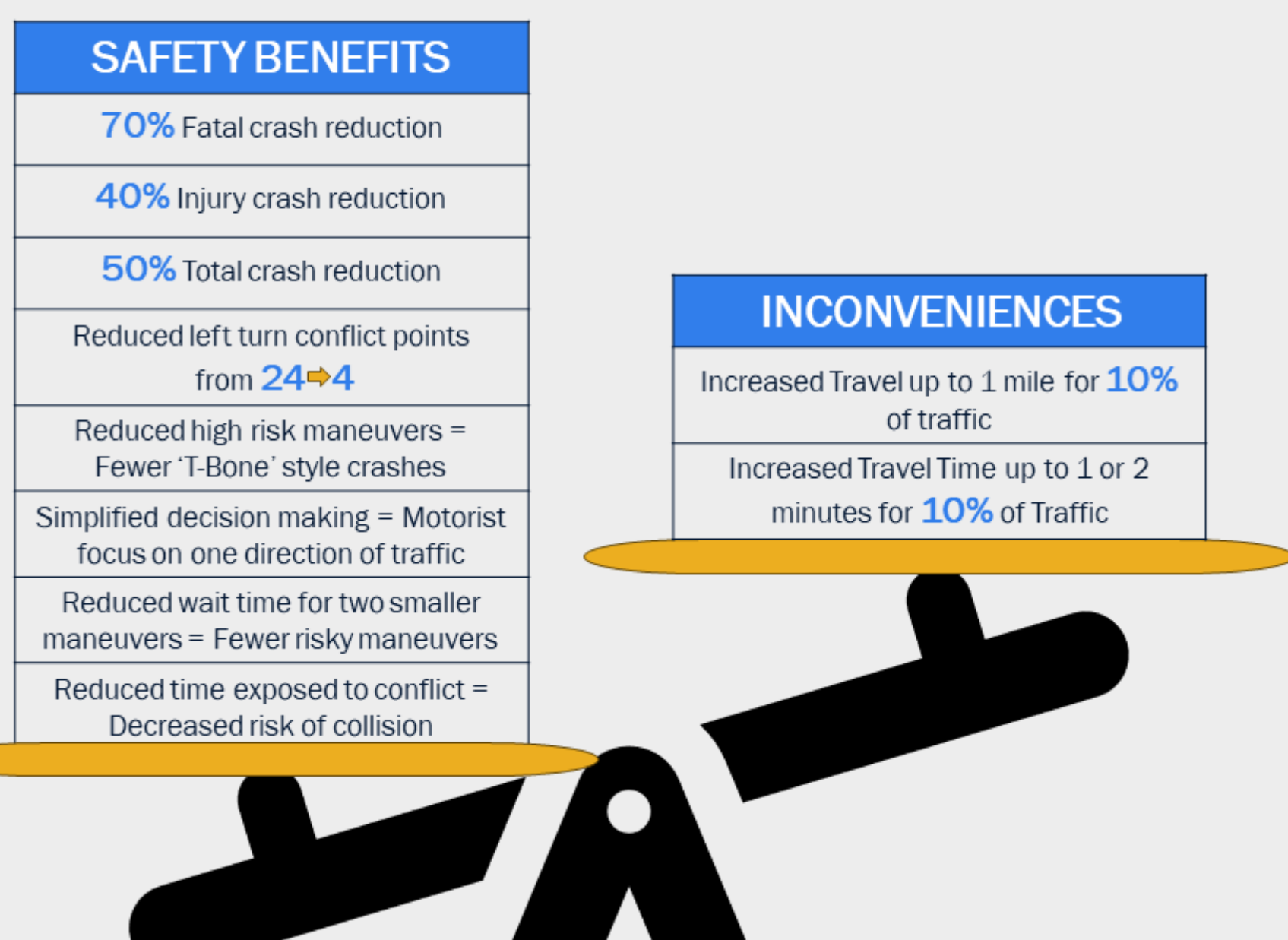


RCUT RESTRICTED CROSSING U-TURN

Left turns are among the most dangerous movements motorists make at intersections. To improve safety, KDOT is proposing an alternative layout at select intersections along the U.S. 50/400 corridor: a Restricted Crossing U-Turn (RCUT).

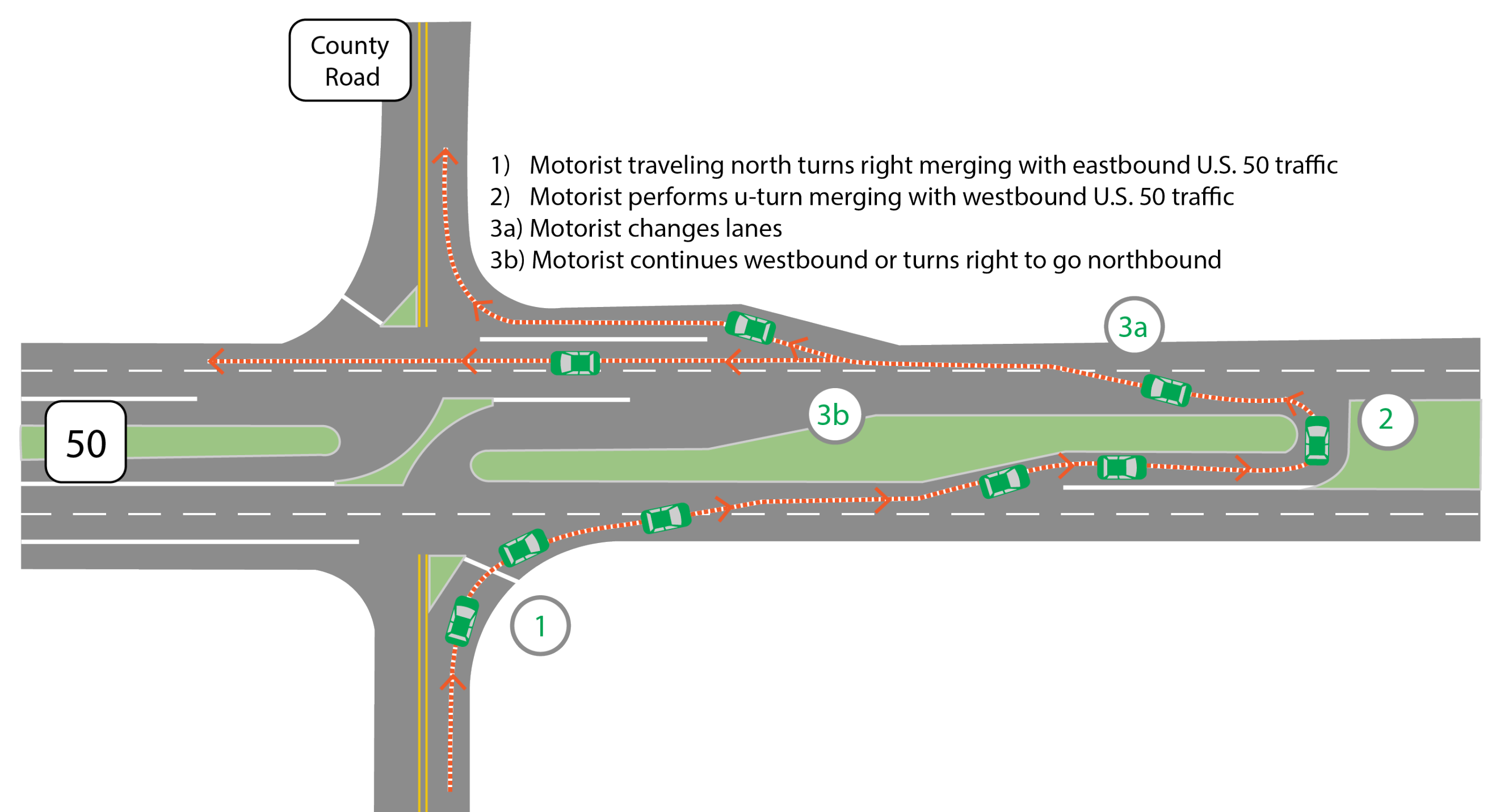
It reduces expected crashes and severity by modifying how side road traffic crosses or turns left at the highway. The RCUT does not change any of the movements that are possible from the major road.

RCUT safety benefits and inconveniences

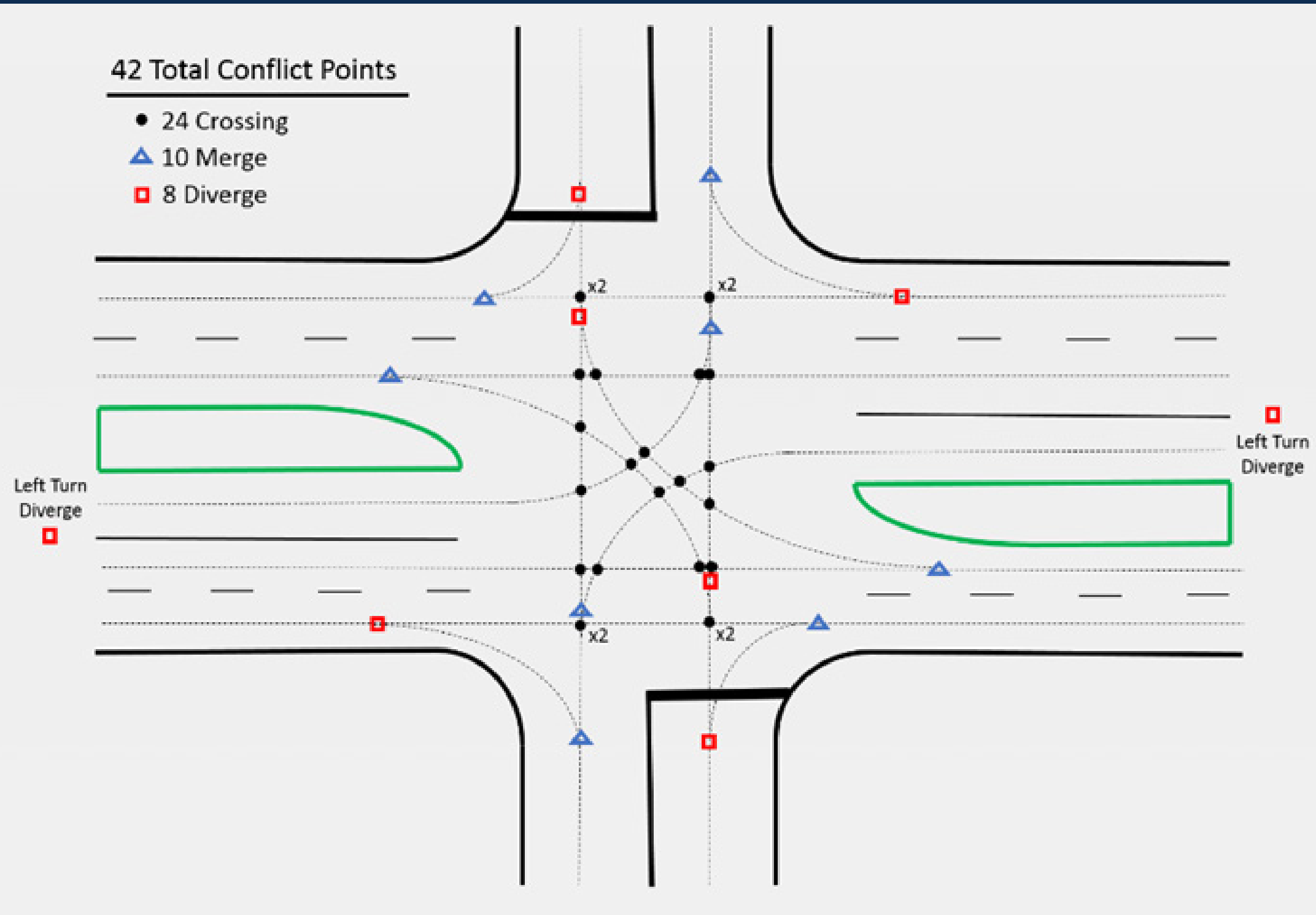


RCUT SAFETY BENEFITS OUTWEIGH INCONVENIENCES

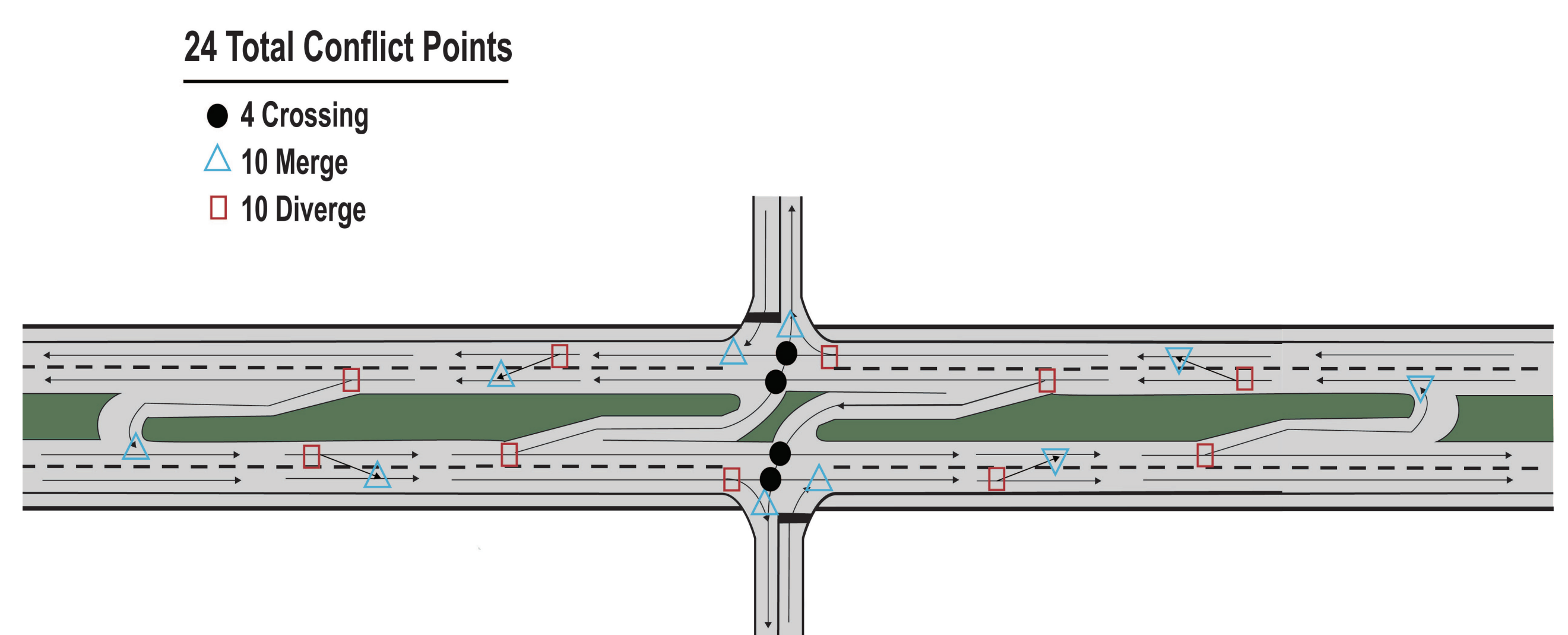
Example RCUT intersection



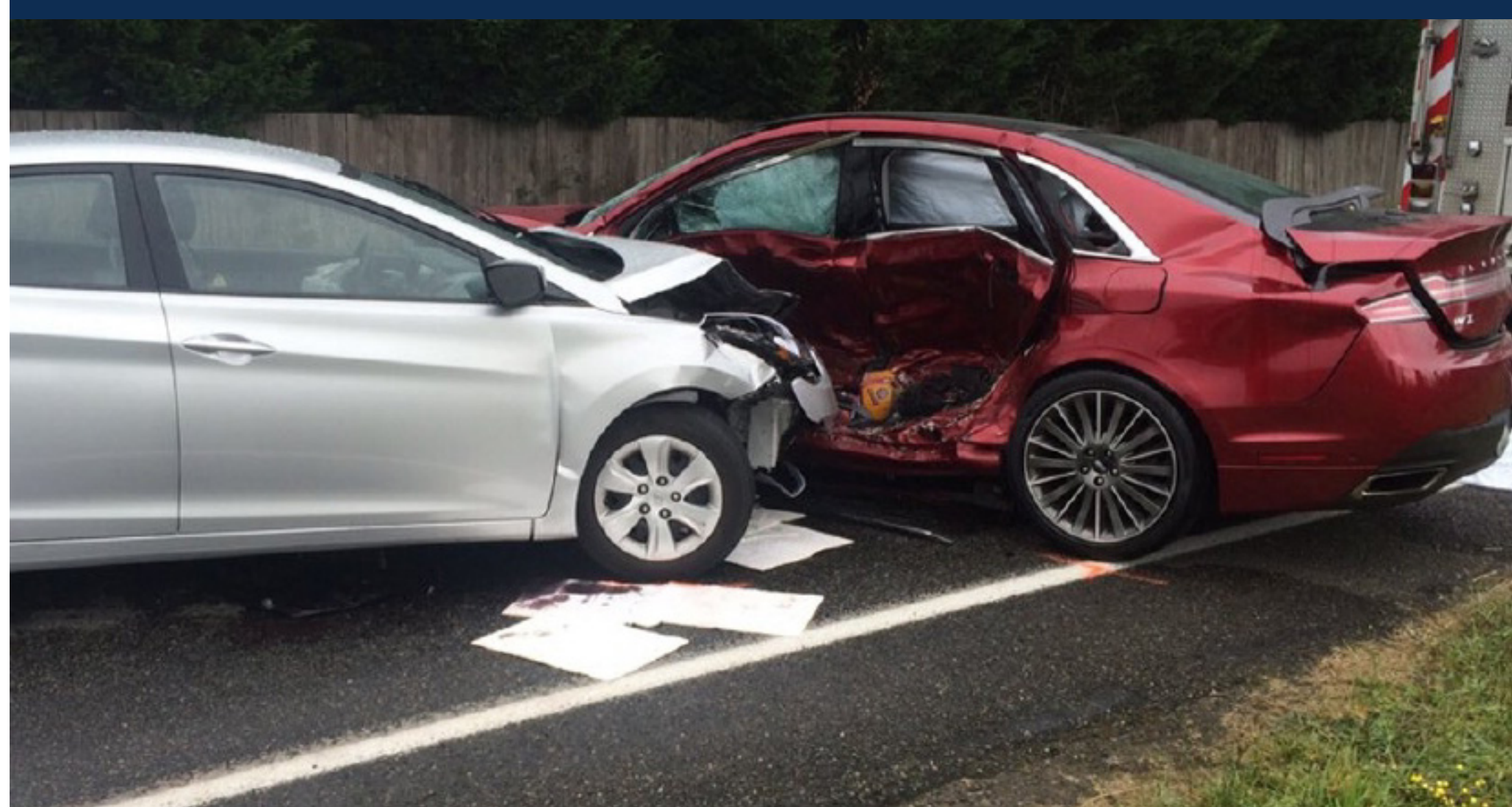
Conventional intersection conflict points



RCUT intersection conflict points



Side-impact crash



Intersections	Predicted 20-Year Crash Reductions at Proposed RCUTs		
	Reduced Fatal/Injury	Reduced PDO Crashes	Reduced Total Crashes
6 Rd E (Charleston)	1.59	2.51	4.08
13 Rd/Main St (Ingalls)	4.34	4.64	8.96
M Rd/2 nd Ave (Ingalls)	2.01	2.61	4.59
Total	7.94	9.76	17.63