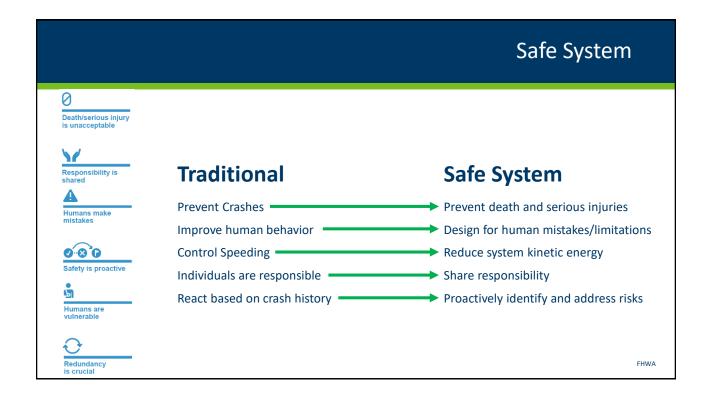
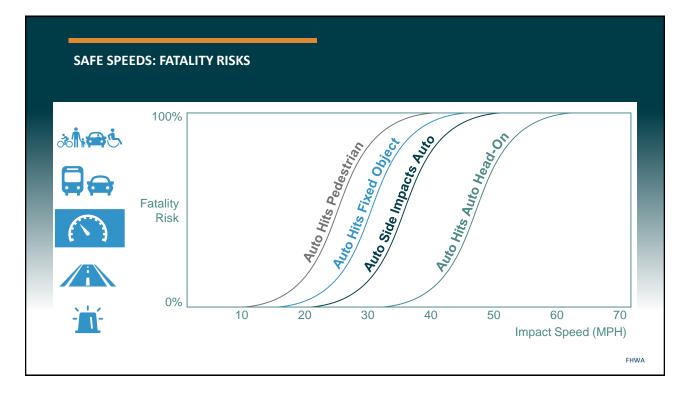


Ken Hansen | District 3 Traffic Engineer









SAFE ROADS: AVOIDING CRASHES

space



Avoiding crashes involves:





Separating users in

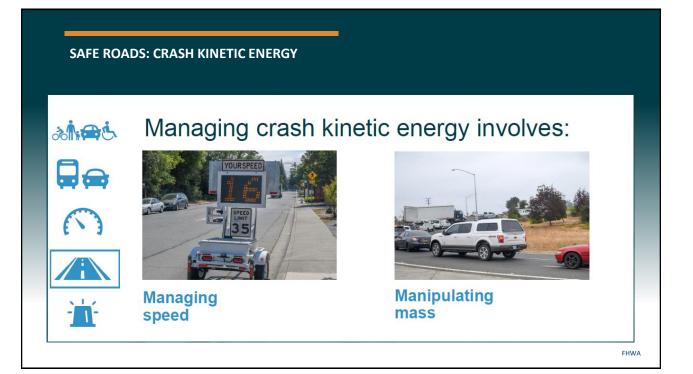


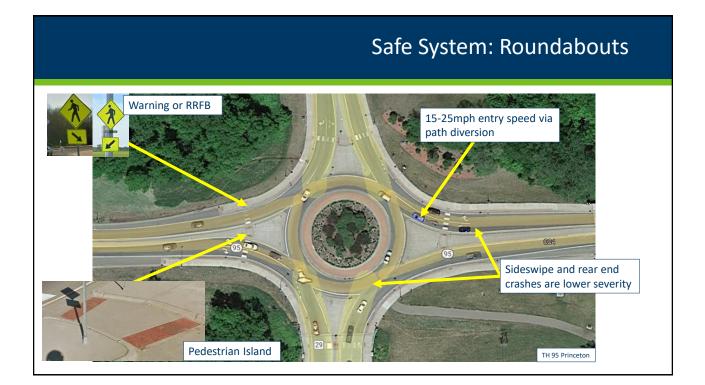
Separating users in time



Increasing attentiveness and awareness

FHWA



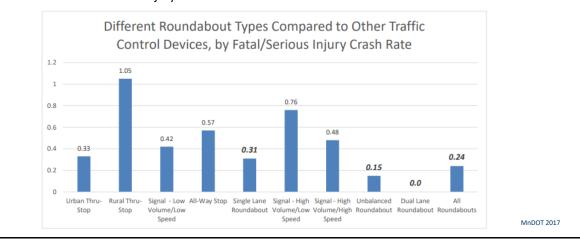


Safe System: Roundabouts



Safe System: Roundabout Crash Reduction

- 86% Reduction in Fatal Crashes
- 83% Reduction in Serious injury Crashes
- 57-63% Reduction in Pedestrian Crashes

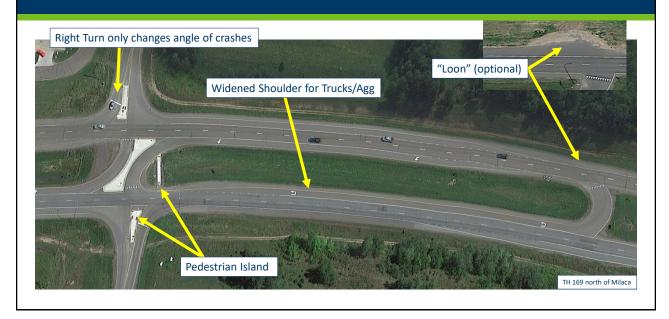


• 3-16% reduction in Bicycle Crashes

Roundabouts Coming to an Intersection Near You



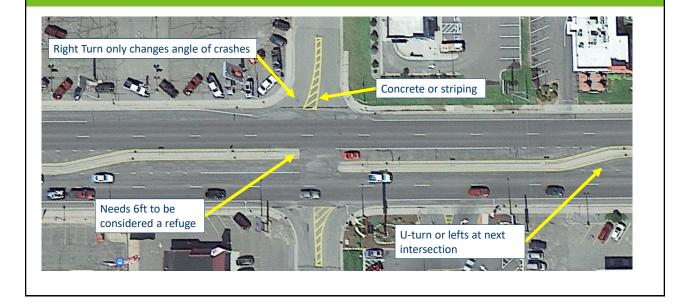
Safe System: J-Turn (RCI, RCUT)

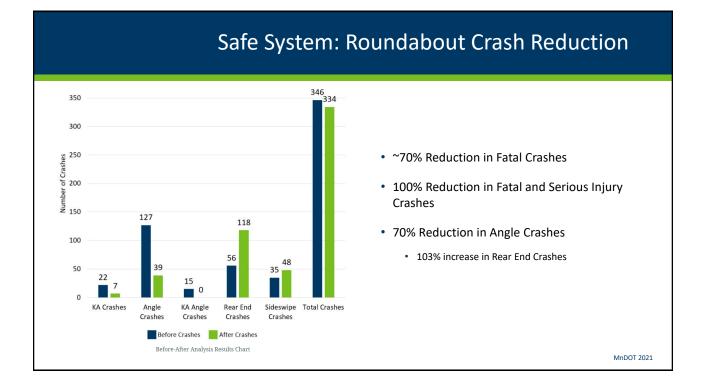


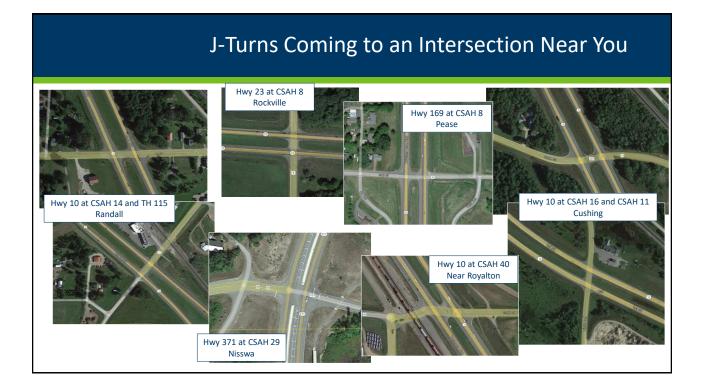
Safe System: J-turn with only Median U-Turn

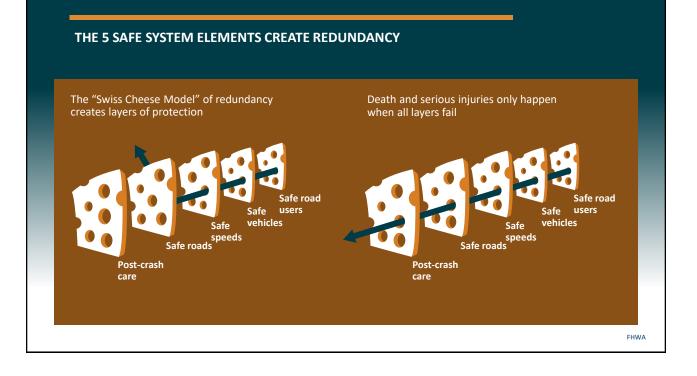


Safe System: ¾ Access









 FHWA Safe System Approach: https://www.transportation.gov/NRSS/SafeSystem FHWA Safe System 2-pager: https://safety.fhwa.dot.gov/zerodeaths/docs/FHWA_SafeSystem_Brochure_V9_508_200717.pdf
FHWA Safe System 2-pager:
https://safety.fhwa.dot.gov/zerodeaths/docs/FHWA_SafeSystem_Brochure_V9_508_200717.pdf
FHWA Safe System Presentation:
https://highways.dot.gov/safety/zero-deaths/safe-system-approach-presentation-0



Thank You

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