

MODERN ROUNDABOUTS



BENEFITS

SAFER THAN SIGNALIZED INTERSECTIONS¹



FEWER FATALITIES



FEWER POTENTIAL COLLISION POINTS



FEWER INJURIES

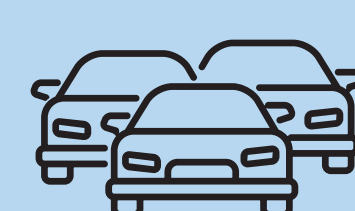


FEWER TOTAL NUMBER OF CRASHES

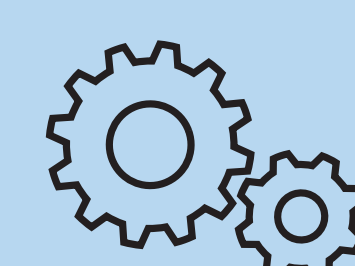


FEWER PEDESTRIAN / BICYCLE CRASHES

MORE EFFICIENT TRAFFIC FLOW



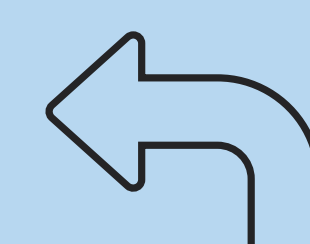
30-50% INCREASE
in traffic capacity



IMPROVE TRAFFIC FLOW
while maintaining slow speeds



LESS DELAY
waiting at the intersection



REDUCED NEED
for turn lanes

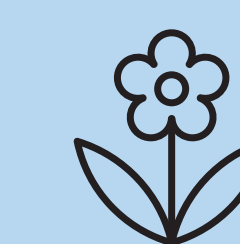
ADDITIONAL BENEFITS



TRAFFIC CALMING



REDUCED LONG-TERM OPERATIONAL COSTS



AESTHETICALLY PLEASING LANDSCAPE

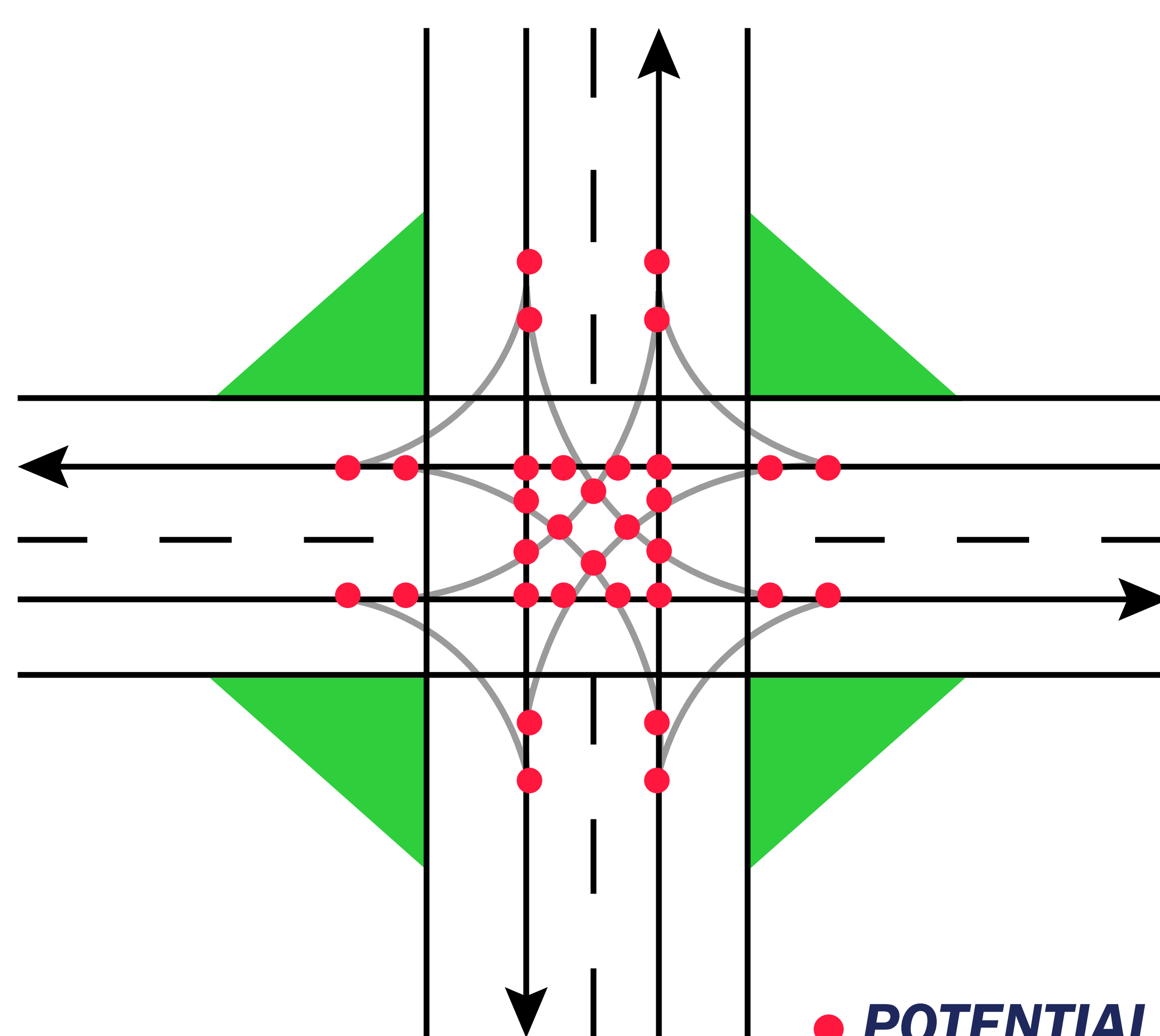


IMPROVED AIR QUALITY

¹When roundabouts are warranted

TRADITIONAL INTERSECTION

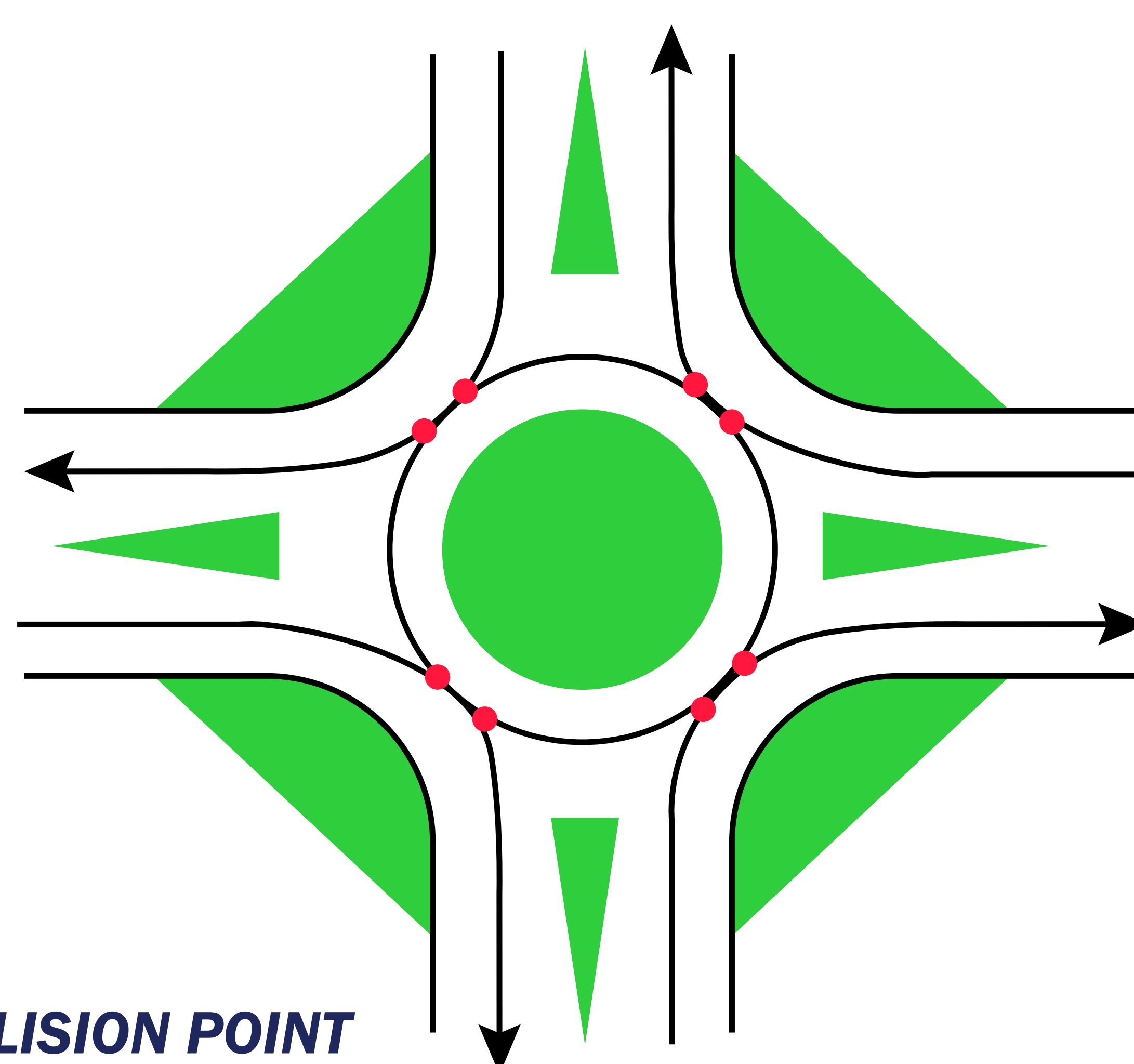
32 CONFLICTS



● POTENTIAL VEHICLE COLLISION POINT

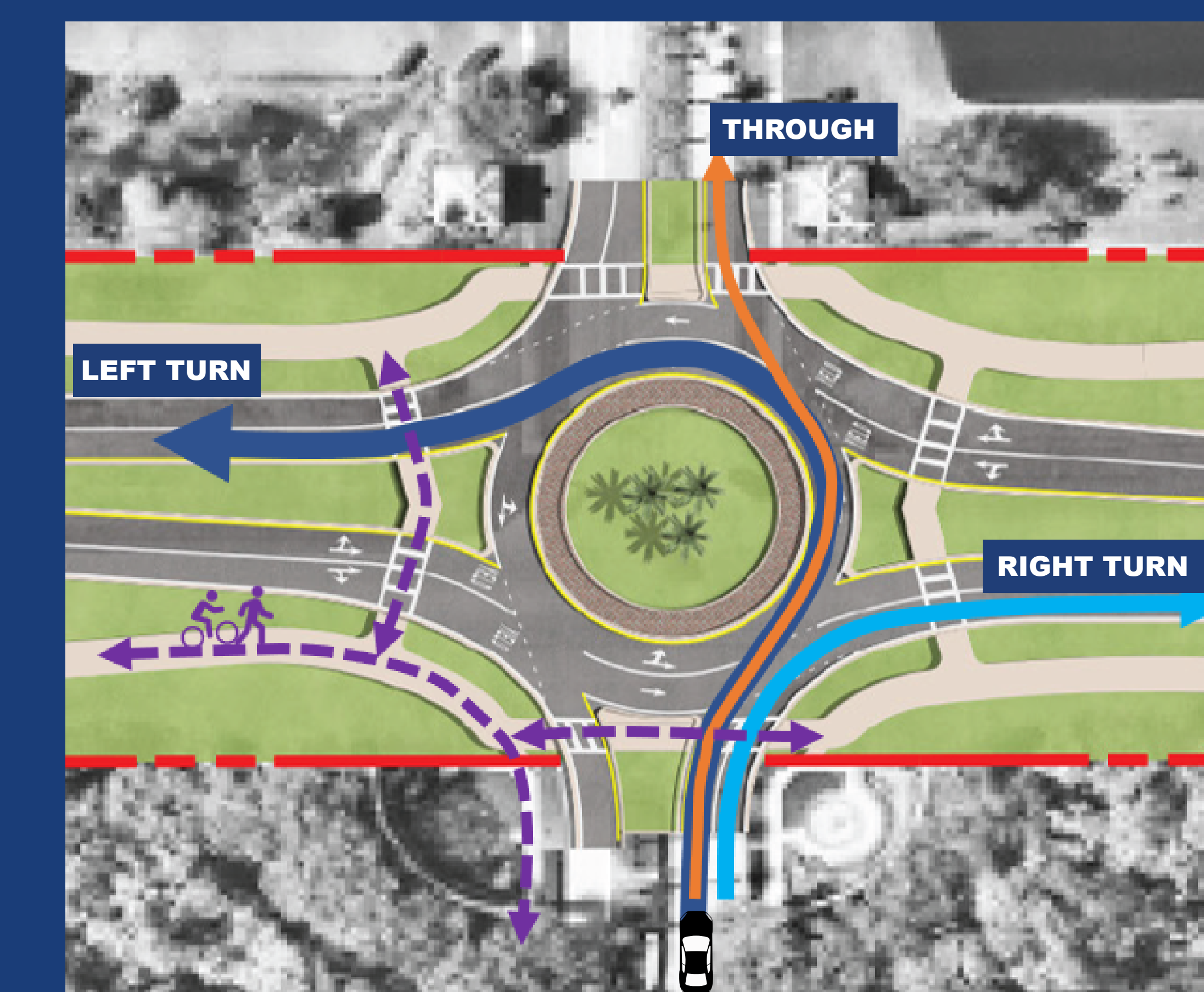
MODERN ROUNDABOUT

8 CONFLICTS



◀ A modern roundabout eliminates head-on and high-speed right-angle collisions

COMMON TRAFFIC MOVEMENTS IN A ROUNDABOUT



LPGA BOULEVARD
PD&E STUDY

From U.S. 92 to Williamson Boulevard
Volusia County

FPID No.: 44856-1