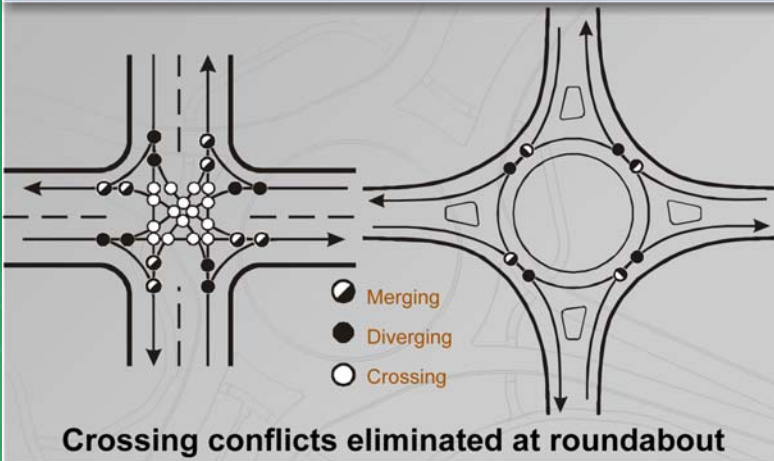


SAWMILL PARKWAY EXTENSION

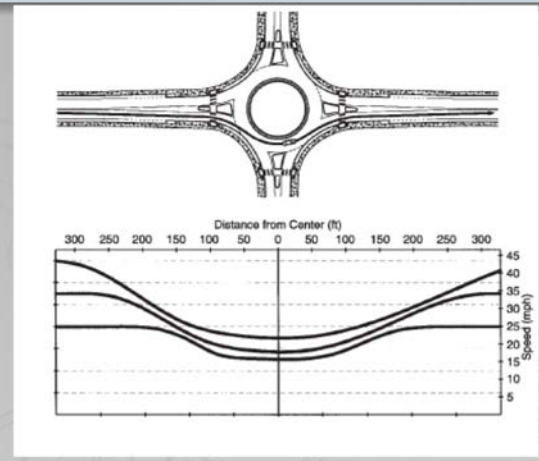
Why Roundabouts?

Roundabout Safety

Vehicle Conflict Points: REDUCED



Reduced Speeds



Maryland's Roundabout Accident Experience (December 2002 Study)

Accident data at 15 state highway intersections converted to single-lane roundabouts between April 1993 and December 2000

	Before	After	% Change
Average annual accidents	4.05	1.11	73% reduction
Annual injury accidents	2.31	0.35	85% reduction
Mean total accident rate (acc./MEV)	1.36	0.27	80% reduction
Mean Injury accident rate (acc./MEV)	0.79	0.09	87% reduction

Recent Research: U.S. Experience New York State DOT Study – March 2004

Percent reduction by crash type

Before-After Characteristic (Sample Size)	All	PDO	Injury
All Sites (33)	47%	41%	72%
Urban Stop → 1L Rbt (12)	69%	67%	80%
Rural Stop → 1L Rbt (9)	65%	63%	68%
Urban Stop → 2L Rbt (7)	8%	0%	73%
Urban Signal → Rbt (5)	37%	31%	75%