

Intersection Treatment Options



Traffic Signal

New traffic signal installed with walk phases for pedestrians. Ada County has more than 400 locations with traffic signals.

Advantages	Challenges
<ul style="list-style-type: none"> • Familiar intersection control • Lower initial construction cost • Higher intersection capacity • Protected phasing for pedestrians 	<ul style="list-style-type: none"> • More long-term maintenance costs • Higher speed traffic and more severe crashes • More delay for all movements • Access restrictions to adjacent properties



Roundabout

Roundabouts are circular intersections where users must wait to enter until circulating vehicles pass and it is safe to enter. Pedestrians and bicyclists have designated location for access. There are more than 2,000 roundabouts in the United States.

Advantages	Challenges
<ul style="list-style-type: none"> • Low speeds and fewer conflict points • Reduced crash severity • Reduced delay • Less noise and pollution • Community enhancement opportunities 	<ul style="list-style-type: none"> • Often requires more right-of-way • No protected signal phases for pedestrians • Higher construction cost • Access restrictions to adjacent properties



All-Way Stop

Stop signs installed at all approaches. This is a common intersection control in neighborhoods and rural intersections.

Advantages	Challenges
<ul style="list-style-type: none"> • Familiar intersection control • Fewer access restrictions to adjacent properties • Significantly lower cost than a signal or roundabout 	<ul style="list-style-type: none"> • Less intersection capacity resulting in more delay • More severe crashes

