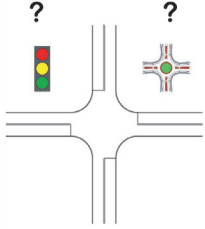
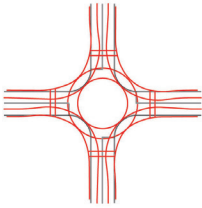
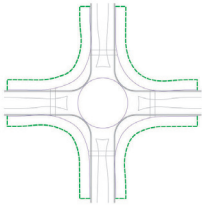
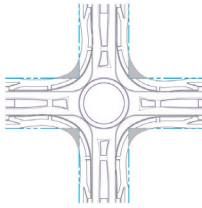
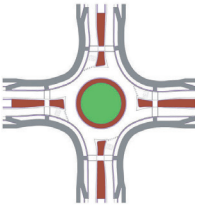


Evolution of a Roundabout

Parametrix has helped many communities through the development process of their first roundabout. Our approach to the design process is sensitive to the need for public information and education, and balances the awareness with strong technical expertise.

The following matrix demonstrates the process we will follow during project development and design:

		Plan Preparation			
Phase	Initial Traffic Study	Traffic Analysis & Conceptual Design	30% Design	60% Design	90% Final Design/ construction
Outcome	Decision: Signal or Roundabout 	Multi vs. Single Lane 	Basic Geometrics 	Define ROW Needs; Determine Aesthetic Design 	Bid-ready Documents 
Planning	<ul style="list-style-type: none"> Traffic study Alternative analysis 	<ul style="list-style-type: none"> Confirm traffic analysis Single/multi-lane RODEL/SIDRA Project limits 	<ul style="list-style-type: none"> SEPA documentation Aesthetic opportunities 	<ul style="list-style-type: none"> Landscape options Hardscape surface treatments 	<ul style="list-style-type: none"> Finalize landmark & aesthetic elements
Design		<ul style="list-style-type: none"> Conceptual layout Basic RAB geometrics Locate pedestrian/crossings 	<ul style="list-style-type: none"> Fine tune geometrics of RAB Preliminary engineering plan/profiles Pedestrian/bike path alignments/design options ROW impacts 	<ul style="list-style-type: none"> Final plan/profile Final ped/bike alignments & surface treatments Final utility undergrounding decision ROW impacts/appraisals 	<ul style="list-style-type: none"> Final plan prep Cost estimates Specifications ROW negotiation/aquisition
Outreach		<ul style="list-style-type: none"> Confirm previous decisions Council/staff update Form stakeholder focus group Education 	<ul style="list-style-type: none"> Property Impacts Opportunities for landmark identity and gateway Meet with stakeholders Council/staff update Education 	<ul style="list-style-type: none"> Website updates Meet with stakeholders Council update Education 	<ul style="list-style-type: none"> Property owner meetings Website update Council update at 90% Education