ADAPTIVE ROUNDBOX PROJECTS
Designing the Future; Constructing for the Current

CHALLENGES IN ROUNDBOX DESIGN
- Forecasting is an Educated Guess at Best
- Single Lane Safety vs Multilane Capacity
- Nesting Two Designs without Compromise
- Consistency with Antiquated Community Plans
- Benefits of Single Lane Beyond Safety
- Expansion without Reconstruction

SPLITTHER ISLAND CONTROL
CONSTRUCT THE INSIDE; EXPAND TOWARD THE OUTSIDE
Marysville, WA

OUTSIDE CURB CONTROL
CONSTRUCT THE OUTSIDE; GROWTH TOWARD THE INSIDE
Gig Harbor, WA

HIJACK THE TURBO
CONSTRUCT ENTIRETY; PHYSICALLY SEPARATE LANES
Caldwell, ID

- The single lane roundabout is smaller and paths tend to be more fluid
- All lanes can be fully built and delineated with temporary curb and pavement
- Expansion work is done on outside making it safer for workers
- Trucks may traverse thru intersection easier
- More difficult to get speed control and natural paths for the single lane
- May have less disturbance to adjoining properties impacted once rather than twice
- Pedestrian facilities are in scale with travel lanes
- Minimal construction for conversion
- Change of lane assignments may cause confusion
- Outside lane will need to establish yield behavior
- Care in curb design for snowplows