VDOT’s Instant Roundabout

Randy Dittberner, P.E., PTOE
Braddock & Pleasant Valley

$5.8 million
Purcellville

$6.9 million
Gilbert’s Corner

$15.8 million
South Riding, Va.
Issues

- AM peak delays over 3 minutes
- In 4 years:
  - 27 crashes
  - 35 injuries
Options

- Do Nothing
- All-Way Stop
- Traffic Signal
- Roundabout
$0.09 million
Crashes per Year at Poland Rd. and Edgewater Dr. Before and After the Roundabout

Average 5.8 total crashes per year

Average 2.6 injury crashes per year

38%

84%
What’s New in 2018
Questions

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