**Kamehameha Highway, Intersection Improvements at Kahekili Highway**

**Benefit Comparison - Roundabout Versus Signals**

**ROUNDABOUT**

**PROS**

» Reduces total number of crashes by 35-47% since there are fewer conflict points

» Reduces injury crashes by 72-80% (T-bone accidents are far less likely)

» No idle time waiting for traffic lights

» Lower wait times for turns to and from side roads

» Lower maintenance cost

**CONS**

» Requires more land

» Less familiar to many of the public

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**SIGNALIZED**

**PROS**

» More familiar to more people

» Timing of lights can be adjusted

**CONS**

» Higher risk of crashes

» Head-on crashes are more likely

» Higher maintenance costs ~10k annually, full signal replacement every 20-25 years ($350k+)

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¹ Insurance Institute for Highway Safety and Highway Loss Data Institute website: https://www.iihs.org/topics/roundabouts