

	No-Build Alternative	Build Alternatives		
		5-Leg Circular Roundabout	4-Leg circular Rbt with 3/4 Intersection	5-Leg Peanut Roundabout PREFERRED ALTERNATIVE
Summary Description	The intersections of WV 9 at Ridge Rd and Cumbo Rd remain unchanged.	One circular Roundabout with 5 legs where Cumbo Rd, Ridge Rd, and WV-9 are realigned to meet.	One circular intersection with 4 legs where Ridge Road meets WV 9 with a restricted Tee intersection at Cumbo Road.	Roundabout is shaped like a peanut, with a western lobe for Ridge Rd and an eastern lobe for Cumbo Rd.
Roadway Alignment	No Changes to Ridge Rd North.	Roundabout is centered to the east of WV 9 and between Ridge Rd and Cumbo Rd.	Ridge Road maintains its current alignment	Ridge Road North is realigned to the north at the roundabout.
	No Changes to Ridge Rd South.	Ridge Rd approaches are both realigned south at the roundabout.	Cumbo Road maintains its current alignment	Ridge Road South is realigned to split NB and SB lanes at the roundabout
	No Changes to Cumbo Road.	Cumbo Rd is realigned to the north and east at the roundabout.	WV-9 maintains its current alignment	Cumbo Road is realigned to the north at the roundabout.
Traffic Operations	LOS F	LOS F in 2050	LOS C or better in 2050	LOS C or better in 2050
	Long queues	No further Study Needed	Minor queues	Shortest queues
Multi-modal Facilities	None	Enhanced Crosswalk for Anderson Field to HHS.		
		Shared use paths and crosswalks along Ridge Rd north, Cumbo Rd, and WV-9		
		Pedestrians would need to cross bypass lanes.	Pedestrians would cross the stop-controlled Tee intersection as they do currently.	Pedestrians would cross at roundabout approaches.
Historic Structure Impacts	None	None		
Wetland Impacts	None	None		
Right of Way Parcel Impacts	None	4 Acres	4.5 Acres	4.2 Acres
Estimated Construction Cost	N/A	\$11,000,000	\$9,300,000	\$8,500,000
Estimated Utility Cost	N/A	\$330,000	\$680,000	\$600,000
Estimated Right-of-Way Cost	N/A	\$180,000	\$200,000	\$190,000