



Ridge and McDaniel roads fire gate removal

COMMUNITY MEETING



Sept. 22, 2022

Land Use & Transportation

www.co.washington.or.us



→ Background

- Temporary gate installed due to a sight distance issue on the NW corner
 - Goal was always to have Ridge Road access to McDaniel once sight distance was corrected
- Intersection's northwest corner developed; sight distance was corrected
- County received requests to have the gate removed as planned
- Majority of residents surveyed in 2020 supported removal
- County engineering study determined sight distance is sufficient

→ Sight distance is sufficient

On Ridge Road looking onto McDaniel Road	Community Development Code Section 501-8.5F(4)		AASHTO (Per CDC 501-8.1 B (2) (d) and 8.2 B (3))	
	Required	Actual	Required	Actual
Looking north at southbound traffic	350 ft	385 ft		
Looking south at northbound traffic	380 ft	320 ft	263 ft	320-334 ft

Sight distance looking south at northbound traffic:

- **Does not** meet Community Development Code Section 501-8.5 F (4)
- **Does** meet American Association of State Highway and Transportation Officials (AASHTO) “A Policy on Geometric Design of Highways and Streets” formula



Community-submitted questions

- **Is the decision final or not? If the decision is final, when will the gate be removed?**

- *Guy Field, community member*

- The decision is final
 - The gate was always intended to be temporary
 - Having additional access to McDaniel Road improves emergency response and traffic circulation
- Gate removal scheduled for Oct. 19 (date subject to change)
 - Subject to weather and staffing
 - We will notify all service providers: Emergency services, garbage/recycling, TriMet, Beaverton School District, etc.



Community-submitted questions

- The sidewalk on the north side of Ridge Road is not continuous and is heavily used by children due to the bus stop located at the intersection. **Are there plans to complete sidewalks and when?**

- Ryan Maddox, community member

- Sidewalk gaps likely to be addressed by future development
- Submit requests for sidewalk improvements through the Urban Road Maintenance District Pedestrian and Biking Improvement Program



Community-submitted questions

- **What are your plans for enforcing speed limits along the sightlines of this intersection given that it's within an enhanced sheriff's patrol district (ESPD)?**

- Ryan Maddox, community member

- Speeding is enforced by the Washington County Sheriff's Office. We have made them aware of the gate removal
- Contact the Sheriff's Office directly for additional speed enforcement



Community-submitted questions

McDaniel Road beginning at 111th Avenue is a hotbed for sports car and motorcycle enthusiasts that plan to drive/have driven aggressively through the hills between here and NW Portland.

- **What is average speed per vehicle for that section of road?** Stopping sight distance (SSD) guidelines assume a certain speed (V , in mph) at the 85th percentile of maximum mandated by law, but my guess is the actual 85th percentile for speed is greater than the legal 100th percentile.
- **What data have you gathered on speed (V , in mph) for that location, over what period of time, and what was the sample size?**

- Ryan Maddox, community member



Community-submitted questions

Response to questions on previous slide

- 24-hour traffic counts were taken on northbound McDaniel Road, ~300 feet south of Ridge Road, on Oct. 22, 2020, and Feb. 2, 2022.

	SAMPLE SIZE	85TH PERCENTILE	AVERAGE SPEED
2020	1,285 vehicles	38 mph	33 mph
2022	1,501 vehicles	38 mph	32 mph



Community-submitted questions

- Currently there are no traffic controls or signs at the intersection of Ridge Rd. and McDaniel. In addition, the weeds in the McDaniel ditch have remained unmaintained and overgrown, obstructing the line of sight looking South.
- **Given that the intersection will still serve as a school bus stop and have a high level of pedestrian traffic, what safety measures is the county planning once the gate is removed? Will there be crosswalks, traffic signs or any other installations to prevent an accident?**



Community-submitted questions

Response to questions on previous slide

- After the gate is removed, a stop sign will be installed on Ridge Road at McDaniel.
- An intersection warning sign will be added on McDaniel, facing northbound traffic.
- No marked crosswalks will be added. The intersection will operate as a standard two-way stop control intersection with stop signs on both sides of Ridge Road.
- We submitted a road service request for vegetation trimming. You can submit a request for trimming of vegetation in the public right-of-way via our website.





Community-submitted questions

The speed is getting crazy on McDaniel (many car/motorcycles over 50+ MPH) and once this barrier is removed, cars will be turning off of McDaniel onto Ridge Road and many drivers are traveling way to fast to slow down for a turning car. They are also not prepared for a traffic change.

- **Once the barrier is removed, has LUT considered putting a speed bumps northbound between Dumar Lane and Ridge Road as well as southbound between Appellate Way and Ridge Road?**

- Brian DeVore, community member



Community-submitted questions

Response to question on previous slide

- We will not be installing speed bumps or speed cushions on McDaniel Road.
 - Classified as an urban collector, considered a commuter road designed to move traffic at consistent speeds
- Side effects to speedbump; not appropriate for commuter roads
 - Can contribute to excessive acceleration between bumps
 - Noise nuisance due to acceleration, deceleration and vehicle noise when crossing bumps
 - Varying speeds can result in increased rear-end crashes



Community-submitted questions

- **What can the County do about speeding on Ridge Road and other neighborhood streets once the gate is down?**
 - *Suzanne Massar, Community member*
- Enforcement is the most effective deterrent
- Ridge Road and other area streets are classified as “urban local” roads and may be eligible for traffic calming subject to the criteria in our Neighborhood Streets Program
 - We will collect speed data after six months to help determine eligibility

→ Neighborhood Streets Program

If eligible for a Safety Campaign, steps include:

1. Determine and rank eligible measures
2. Circulate petition
3. Draft a traffic-calming plan
4. Vote on traffic-calming plan
 - 67% approval required
 - Non-returned ballots counted as 'no' votes
5. Share and implement traffic-calming plan
6. Review results



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