

# PRIORITIZING TRAFFIC SAFETY + EMERGENCY RESPONSE

Project Percheron | Bardman, Oregon

## ***Together, we can redefine digital infrastructure development in this region of Oregon to prioritize responsible stewardship.***

Rowan shares the community's desire for a safe and smooth development, from construction through the operations phase. That is why we commissioned a traffic report and are working closely with Morrow County Public Works, and surrounding landowners, to ensure that we maintain road quality and minimize impacts to nearby traffic operations, especially during harvest seasons.

### CONSTRUCTION TRAFFIC

- Rowan engaged Kittelson & Associates to perform a Tower Road Traffic Volume Forecast to evaluate construction traffic impacts.
- Rowan's consultant performed volume and vehicle classification counts on Tower Road from July 6-12, 2023, to gather background data on the peak travel periods and types of vehicles using the roadway.
- Appendix C of the Forecast presented anticipated volumes and assumptions associated with construction traffic for Phase 1 Site Initial Site Grading (30 days) and Phase 2 Building Construction (130 days).
- Forecast demonstrates that amount of new construction Equivalent Single Axle Load (ESAL) calculations contribute less than 2/10 of 1% of the total ESALs over a typical 20-year design life and impacts on Tower Road are estimated to be relatively minimal.

### OPERATIONAL TRAFFIC

- Traffic report analyzed the worst-case scenario for operational traffic impacts using full project build-out, anticipating 1,125,000 square feet of data center campus and 1,114 daily trips, with 124 weekday AM peak trips and 101 weekday PM peak trips.
- This demand estimate is nearly equivalent to the peak demand generated by the existing dairy farms located along Tower Road. However, these two sets of peak demand are not anticipated to overlap given the early morning (4:00 AM) and early afternoon (4:00 PM) operating profile of the dairy farms.
- Report found there is adequate site distance on Tower Road for access to the site (>850 feet looking to the north and >939 feet looking to the south).
- Report found that the anticipated increase in traffic does not change the function classification of any transportation facility in the vicinity of the site.



## COORDINATION WITH EMERGENCY RESPONDERS

- Boardman Fire Rescue District
- Morrow County Sheriff Department

## COORDINATION WITH MORROW COUNTY PUBLIC WORKS

- Consultation with Public Works Director on anticipated construction and operational traffic volumes
- Discussion of mitigation measures to ensure no adverse impacts to Tower Road
- Negotiating Road Use Agreement and Traffic Management Plan to minimize and mitigate for any potential traffic impact

## MEASURES TO MINIMIZE + MITIGATE IMPACTS

- Ongoing coordination with Morrow County Sheriff and Public Works Department
- Execute Road Use Agreement prior to construction
- Implement Traffic Management Plan during construction in coordination with Morrow County Sheriff and Public Works Department