



BROCHURE # 54

RESIDENTIAL WAGON WHEEL DRIVEWAY

What is a wagon wheel driveway?

A wagon wheel driveway is a form of a driveway that minimizes hard surface areas by limiting the placement of hard surfaces to the wheel travel path of the vehicles that will be utilizing the driveway. Unlike a regular full-width hard surface driveway, two ribbons (strips) of hard surface are the travel path.

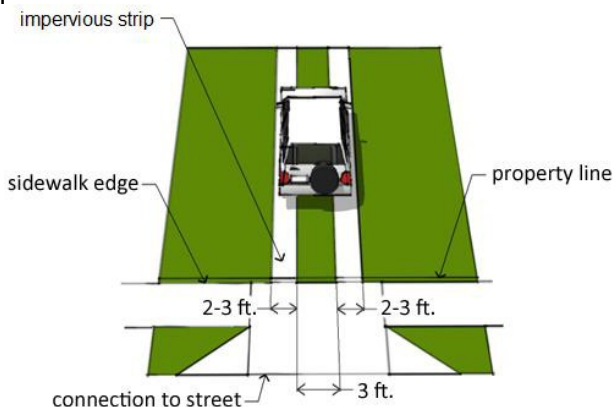
What is the benefit of a wagon wheel driveway?

Wagon wheel driveways are advantageous in that they reduce the amount of hard surface area generated by a project and can at times keep a project under hard surface area thresholds that would require stormwater mitigation. Read the following example:

A proposed single-family residence requires a 200-foot long driveway:

- If a driveway with a width of 10 feet is provided, the new hard surface area is 2,000 square feet ($200' \times 10' = 2,000\text{sqft}$).
- If a wagon wheel driveway is utilized, the new hard surface area is 800 square feet ($200' \times 2' \times (2) \text{ strips} = 800 \text{ sqft}$).

Use of the wagon wheel driveway creates 1,200 square feet less hard surface area.



Does a wagon wheel driveway have to be paved?

No, it does not. The surfacing course for the ribbon strips is the owner's choice and may be crushed rock, concrete, asphalt, or may be constructed with pervious pavers.

What type of size and spacing is required for the ribbon strips?

While Kitsap County does not mandate the design, we recommend using ribbon strips that are a minimum of 2' wide. The spacing between the ribbon strips should be 5' from centerline to centerline of the ribbon strips, or about 3' of pervious surface between the driving strips.

If I use a wagon wheel driveway, am I still required to provide a parking pad in front of my garage?

Yes. DCD requires a parking pad a minimum of 20' deep and the full width of garage door opening(s) in front of a garage. This provides a safe/stable location for vehicles to turn around without driving off the ribbon strips.

Are there special requirements for a wagon wheel driveway?

A wagon wheel driveway requires an extra inspection to verify that the driveway was installed per plan. In addition, a condition is added to the permit for the applicant to initial and acknowledge that their project has special requirements regarding the driveway design.

Can I pave over sections of non-hard surface area, such as grass in between two ribbons, after installing a wagon wheel driveway?

No, the non-hard surface sections should stay as installed.