



# Stormwater Facilities & Maintenance

## Curb Cuts & Sidewalk Underdrains

Curb Cuts and Sidewalk Underdrains collect stormwater off of roadways, conveying it to facilities such as swales. These are right-of-way elements of roadway design that prevent sheet flow runoff from ponding along the road - instead guiding the flow to a point of discharge (typically a ditch or swale).

### Pro Tip:

Keep curb cuts, concrete shoots, and sidewalk underdrains clear of sediment and vegetation buildup in and around the structure. Be sure to maintain the splash pad at the outlet regularly.



Sidewalk Underdrain, perspective



Sidewalk Underdrain, roadside inlet

### Maintenance required when:

- Sediment buildup inside drain
- Sediment around outside of curb cut or drain
- Trash or debris accumulation in or nearby
- Damaged structure
- Damaged inlet protection
- Localized flooding

### Contact your HOA or property manager immediately if:

- Sheen or oil found in water entering or leaving structure
- Structure is overflowing
- Access cover / grate is missing or damaged
- Grade percentage not maintained for flow



Thurston County curb cuts - conveying stormwater into a double swale

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[ThurstonStormwater.org](http://ThurstonStormwater.org)

# Don't let your systems fail.

Drainage curb cuts for roadside, driveway, and parking lot areas include rock or other erosion protection material in the channel entrance to dissipate energy. Be sure to keep this areas clean and clear of weeds, sediment buildup, and garbage, and ensure that the riprap is intact to handle area flow.



Sidewalk underdrain with an intact and clear splash pad at the outlet



Thurston County Curb Cuts - moving stormwater into a culvert

Curb cuts used for bioretention areas in high-use parking lots or roadways will require increased frequency of maintenance due to much larger accumulations of coarse particulates, oily materials, and trash in the flow entrance and associated bypass flows.

## Keep water clean. Protect county roads from flooding. Save money.

Watch for sediment, vegetation, or debris partially or fully blocking the inlet structure. When performing maintenance, identify the source of any blockages, remove it fully, and take action to prevent future accumulations.



Sidewalk Underdrain with cement splash pad

*For additional information regarding stormwater management in Thurston County, reference our Stormwater Drainage Manual at [DM.ThurstonStormwater.org](http://DM.ThurstonStormwater.org).*