Pothole story line

A single stage in the lifecycle of a pothole on a Baltimore City roadway is provided in the timeline below. Complete the boxes before and the boxes after this image by drawing a picture and describing what is likely to happen before the image and after the image. For each image, write the process taking place and the mechanism that explains that process.

Process: None

Process: Precipitation

Process: weathering through freezing



**Word Bank**

Processes:

* Erosion
* Weathering
* Precipitation
* Freeze
* Thaw

Mechanisms

* Ice wedging
* Thermal Expansion
* Abrasion
* Condensation
* Gravity

Mechanism: None

Mechanism: condensation and gravity

Mechanism: ice wedging: water expands when it freezes and cracks asphalt

Process: erosion

Process: weathering through freezing

Mechanism: abrasion: weight and movement of car tires removes loose asphalt pieces

Mechanism: ice wedging: water expands when it freezes and cracks asphalt