



## Heatwurx™ Process Description

HeatWurx™ is a proprietary process using patented technology for in-place pavement rehabilitation. The primary steps for completing a rehabilitation effort are as follows:

1. Place the HWX-30 or HWX-115 Electric Infrared Heater on asphalt area to be treated. This proprietary equipment uses infrared heating coils to heat the existing asphalt full depth.
2. Once heated, the asphalt is now workable in place. Using the HWX-AP40 Asphalt Processor attachment to a skid steer, till and mix the existing asphalt. The width of the tilled area is to be narrower than the heated area. The tiller is specially designed to cut existing asphalt at a beveled angle. If additional material is needed for a repair area, recycled asphalt or hot mix asphalt can be added.
3. Following the second pass using the HWX-AP40, add HWX-R55 Reguvinating Oil to achieve desired oil content followed by two additional passes with the HWX-AP40 Asphalt Processor.
4. Adjust the HWX-AP40 attachment to the screed position and pass over treated area to prepare the asphalt for compaction.
5. Compact the treated area with a vibratory drum roller compactor. During compaction the reworked asphalt area and the undisturbed heated asphalt are compacted together along the beveled edges creating a seamless repair area. The area with previous crack or pothole is now a contiguous, jointless, seamless section of asphalt pavement.

