

## Felix A. Marino Co., Inc.

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## INFRARED | THERMAL ASPHALT PAVEMENT RESTORATION

For over 50 years, Felix A. Marino Co., Inc. (FAMCO) has been providing Infrared services, sales and maintenance to numerous utility companies and municipalities throughout the New England area. FAMCO was one of the original manufacturers of the Infrared technology, and has provided expertise in implementing and training others in performing Infrared thermal pavement repairs. FAMCO maintains a fleet of infrared thermal equipment that ranges in size and transport methods (eg. truck or trailer mounted, walk behind).

The infrared process is a proven effective solution for many localized, non-structural failures in bituminous concrete. Sample candidates for this type of surface restoration include sunken utility patches, potholes, raveling, pavement heaving, and water drainage problems. The process consists of cleaning the area to be repaired, removing all loose debris, heating the surface of the area, scarifying and leveling the heat treated area, adding rejuvenator emulsions to restore the maltene content of the distressed pavement, adding or removing spent asphalt, grading the new patch. The area is then re-compacted and almost immediately opened to traffic once cooled. The results are a new asphalt patch that is welded to the existing pavement that typically restores the original condition of the surrounding asphalt pavement.



### Why INFRARED?

- Lower Repair Costs
- Time Savings
- Minimal Traffic Interruption
- Seamless Repair

### Typical Uses

- Sunken utility patches
- Potholes
- Raveling
- Pavement Heaving
- Water Drainage Problems

