



LAUDERTRAC



INFRASTRUCTURE AND RESILIENCE UPDATE

Tracking Progress on Fort Lauderdale Commission Priorities for 2022

July 2022

INVESTING IN OUR FUTURE

Road Soup Pilot Study

Well-maintained streets and roadways serve a critical role in the City's infrastructure system by ensuring that neighbors and visitors can easily, quickly, and safely travel to their destinations. The City of Fort Lauderdale maintains more than 500 miles of streets, so it is important to utilize methods that extend the life of roadways and can be implemented with minimal disruption to traffic.

The most recent Neighbor Survey, conducted in 2021, revealed that 35% of responding neighbors were "very satisfied" or "satisfied" with the overall maintenance of City streets, sidewalks, and infrastructure. In an effort to improve neighbor satisfaction, the City has selected Road Soup to conduct a pilot study comparing premium asphalt repair to traditional asphalt repair.



Application of Road Soup's asphalt repair product

Rapid Road Repairs

Road Soup offers innovative products to repair potholes and renew roads. To repair potholes, Road Soup's product simply needs to be poured into the pothole and then compacted by walking or driving over the repair area. The repair may even be made in the rain.

- ▶ Traditional asphalt repair requires milling and heavy machinery to fill and compact asphalt.
- ▶ Road Soup's product requires minimal equipment and allows for the roadway to be used immediately following installation.



Pothole filled using Road Soup's asphalt repair product

Street Sunscreen

The City will also be evaluating Road Soup's Road Renew product that protects the roadway from ultraviolet (UV) rays and water, which is all-important in our tropical South Florida climate. Installation only requires the product to be coated on existing road surfaces and the product dries within an hour. Additional benefits:

- ▶ The product improves driver safety by increasing vehicle skid resistance by 30% and enabling the road surface to dry more quickly.
- ▶ With use of this product, the life of City roadways may be extended by 9-10 years.



Application of Road Soup's Road Renew product

What's Next

The City is currently selecting a one-block stretch of roadway for the pothole repair and road rejuvenation pilot study. Following completion of the pilot study, we will evaluate any appropriate use of the products to maintain our streets and roadways more efficiently.