



Cool Pavement Pilot Program

The City of Irvine is implementing an innovative pavement coating pilot program that extends the life of City streets while helping to reduce heat from the ground up.

In August, the City's Public Works & Sustainability Department will apply DuraShield Solar Reflective Grey pavement coating on San Juan and San Leon. This unique coating has pavement preservation characteristics similar to slurry seal and offers numerous benefits for the community.

Although it has been used in several other cities, including Los Angeles, Phoenix, San Antonio, and Miami, Irvine is the first Orange County city to apply the solar reflective pavement.

Features and Benefits

- Reduces pavement surface temperature and may reduce ambient air temperatures.
- Reduces UV and heat damage on pavement.
- Reduces water penetration into pavement substrate.
- Slows deterioration of pavement.
- Retains high friction in wet and dry conditions.
- Quickly cures, enabling traffic to get back on the street the same day and reduce tracking.
- Does not affect driver glare.

Construction Information

- Work is scheduled to begin Monday, August 5, weather permitting, and will take place daily between 8 a.m. and 4 p.m. It is anticipated to be completed by Friday, August 9.
- The final street pavement color will be a shade of grey, similar to concrete pavement.
- Access to area residences and businesses will be maintained and one lane will remain open while work is underway. Delays should be expected and motorists are encouraged to take alternate routes.

For More Information

Call the project hotline at 949-724-6676 or email pm@cityofirvine.org.

