

## City of Thousand Oaks Recycled Rubber Tire Program

Rubberized asphalt is a hot-mixed asphalt pavement containing crumb rubber. The crumb rubber serves as a “modifier” of the liquid asphalt. Its addition gives the liquid asphalt greater viscosity (resistance to flow) and improves other properties which resist reflective cracking and rutting, and prolong pavement life.

The crumb rubber utilized is generated from processing scrap tires. The tires are shredded and the steel reinforcement and fibers separated from the rubber. The steel reinforcement is commonly recycled into new reinforcing steel used in structure construction and the fibers commonly recycled into pads used underneath carpeting.



Rubberized asphalt concrete provides a longer lasting, more durable surface course than asphalt paving which doesn't contain crumb rubber. Thus, the frequency of maintenance is greatly reduced due to the longer life cycle. Rubberized Asphalt Hot Mix is a very common product manufactured at most asphalt plants.

The City of Thousand Oaks has been using Rubberized Asphalt Hot Mix since 1991, to date the City has recycled approximately 2 Million tires in repaving residential, and arterial streets. To give you a perspective of how many recycled tires are used on a street section:

Hillcrest Drive from Quinta Vista to Westlake Blvd. is 6,375 feet long and 60 feet wide, 1935 recycled tires are used to repave this section, creating a safer, quieter, longer-lasting road!