SD Transportation Department
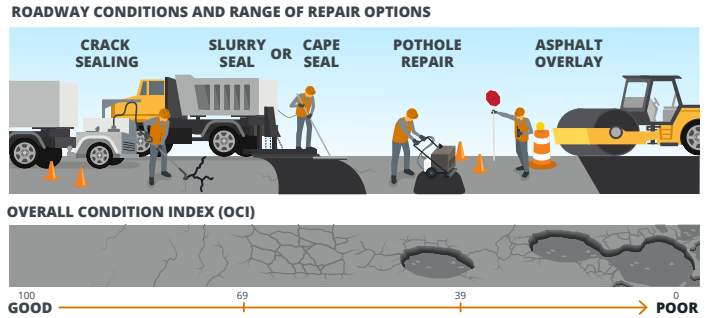
Slurry Seal & Overlay

WHAT IS SLURRY SEAL?

Slurry seal is a pavement preservation method consisting of asphalt emulsion, sand, and rock. This is applied to the street surface at an average thickness of ¼ of an inch. This cost-effective maintenance treatment extends the life of streets already in good condition. Slurry seal provides a durable surface and addresses existing surface distress on streets.

HOW DOES THIS BENEFIT OUR NEIGHBORHOODS?

Slurry seal helps prevent the deterioration of streets and is key to improving the overall condition of San Diego's road network. It reduces the need for more costly asphalt overlay and reconstruction required for badly deteriorated streets.

WHAT IS OVERLAY?

Asphalt overlay consists of installing a new layer of asphalt on top of the existing street surface at a thickness of one to three inches. Streets are ground down (milled) before resurfacing so asphalt will not build up at the edge of the gutter.

ROADWAY CONDITIONS AND RANGE OF REPAIR OPTIONS

| CRACK SEALING | SLURRY SEAL | OR | CAPE SEAL | POTHOLE REPAIR | ASPHALT OVERLAY |

OVERALL CONDITION INDEX (OCI)
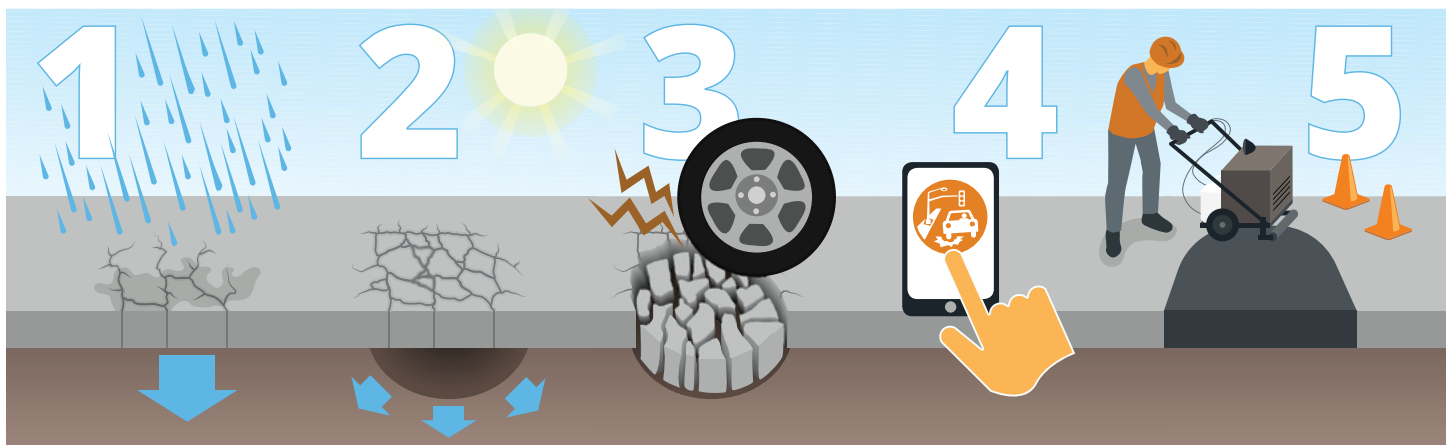
100 GOOD — 69 — 39 — 0 POOR

HOW ARE STREETS SCHEDULED FOR OVERLAY PROJECTS?

Pavement surveys are conducted on a regular basis and this data is used to determine when streets will be repaired. Utilizing a street's overall condition assessment, streets are planned for repaving work based on available funding and other factors such as traffic volume, road type, maintenance history, and other planned construction projects.

WHAT ABOUT SMALLER REPAIRS LIKE POTHOLES AND CRACKS?

Repair options for cracked streets include crack sealing and slurry seal. The City repairs thousands of potholes every year using materials such as a hot patch compound and bagged asphalt. The best way to report potholes is through the **Get It Done** app.

Pothole Preservation Infographic

1. Cracks caused by traffic and aging allow rainwater to seep through and erode pavement base.

2. Traffic and erosion beneath pavement result in additional cracking and a cavity begins to form.

3. The pavement surface weakens and caves-in to the cavity beneath, creating a pothole.

4. To report pothole locations, use the City of San Diego's **Get It Done** app (sandiego.gov /get-it-done).

5. City employees use the **Get It Done** app reports to prioritize pothole repairs.