



Austin Public Works protects, preserves, and restores our street network. Streets are one of Austin's largest and most valuable assets. It would cost \$5 billion to replace them all! By properly maintaining our streets throughout their life cycle, a typical street could last for about 80 years.

## What impacts our streets?



Traffic (especially heavier traffic like trucks and busses)



Time

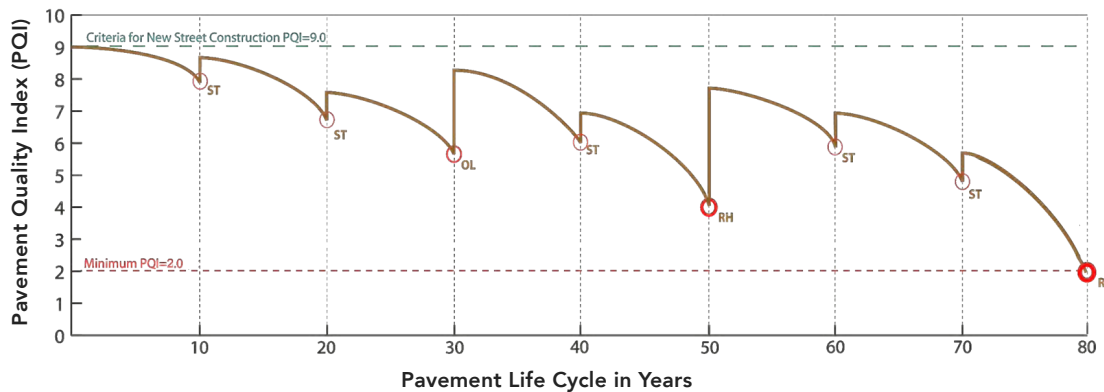


Exposure to the elements

## Street maintenance includes:

- Annual review of street conditions.
- Preventative maintenance for each street about every ten years or as needed.
- A consistent budget for maintenance, rehabilitation, and reconstruction.
- Strategies for maintenance and capital renewal.

## Typical Pavement Life Cycle



0	Initial Construction (RC)
10	Surface Treatment (ST)
20	Surface Treatment (ST)
30	Asphalt Overlay (OL)
40	Surface Treatment (ST)
50	Rehabilitation (RH)
60	Surface Treatment (ST)
70	Surface Treatment (ST)
80	Reconstruction (RC)

## About Street Treatments:

### Surface Treatment:

Protects pavement surface from aging, oxidation, and weathering. Most treatments also seal cracks to keep water out of the pavement and extend use.

### Asphalt Overlay

A more thorough treatment to protect the pavement's surface and further improve rideability and smoothness. Asphalt overlays are five times as costly as surface treatments and must be carefully selected.

### Rehabilitation:

Needed once routine preventative maintenance is no longer adequate. Rehabilitation includes full-depth repairs to restore all damaged areas before the entire surface can receive an overlay.

### Reconstruction

Needed once a high enough percentage of the pavement requires full-depth repair due to generalized failures. Full street reconstruction consists of replacing the entire pavement section.