Street Lifecycle

The City of Corpus Christi builds streets to a 30-year design standard, but a brand new street will require routine maintenance to meet that lifespan. The timeline shows that required maintenance and the importance of each phase.



7 years (First seal coat):
A protective coating helps preserve the pavement from elements that lead to failures. The process helps restore the asphalt binder cement which can become exhausted and allow pavement to unravel. Seal coating adds a surface that lasts up to 7 years.

15 years (Asphalt overlay):

The street surface receives a new layer of hot mix asphalt cement. Milling often is needed to match pavement grades or to remove distressed areas. Overlays typically are less than 2 inches in depth. They are expected to preserve the life of the pavement for at least 10 years.

15 years (Asphalt overlay):

While the pavement underneath is in good condition, another protective layer helps provide stability. The second seal coat will extend the life of the street until it needs to be reconstructed.

30 years (Full depth reconstruction):

Full restoration in depth of 8 to 12 inches that includes curb and gutter, sidewalks, and storm water, water and wastewater drainage systems, if required.