

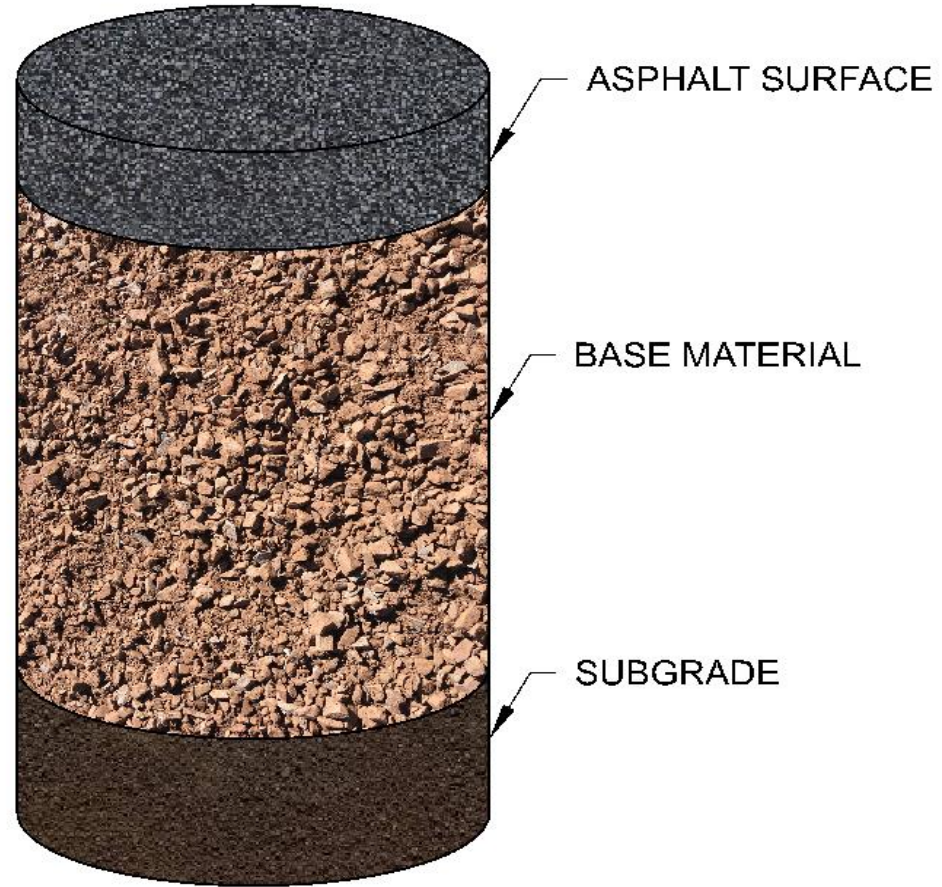
# Public Outreach for the 2025-2026 Street Maintenance Plan

August 27, 2025



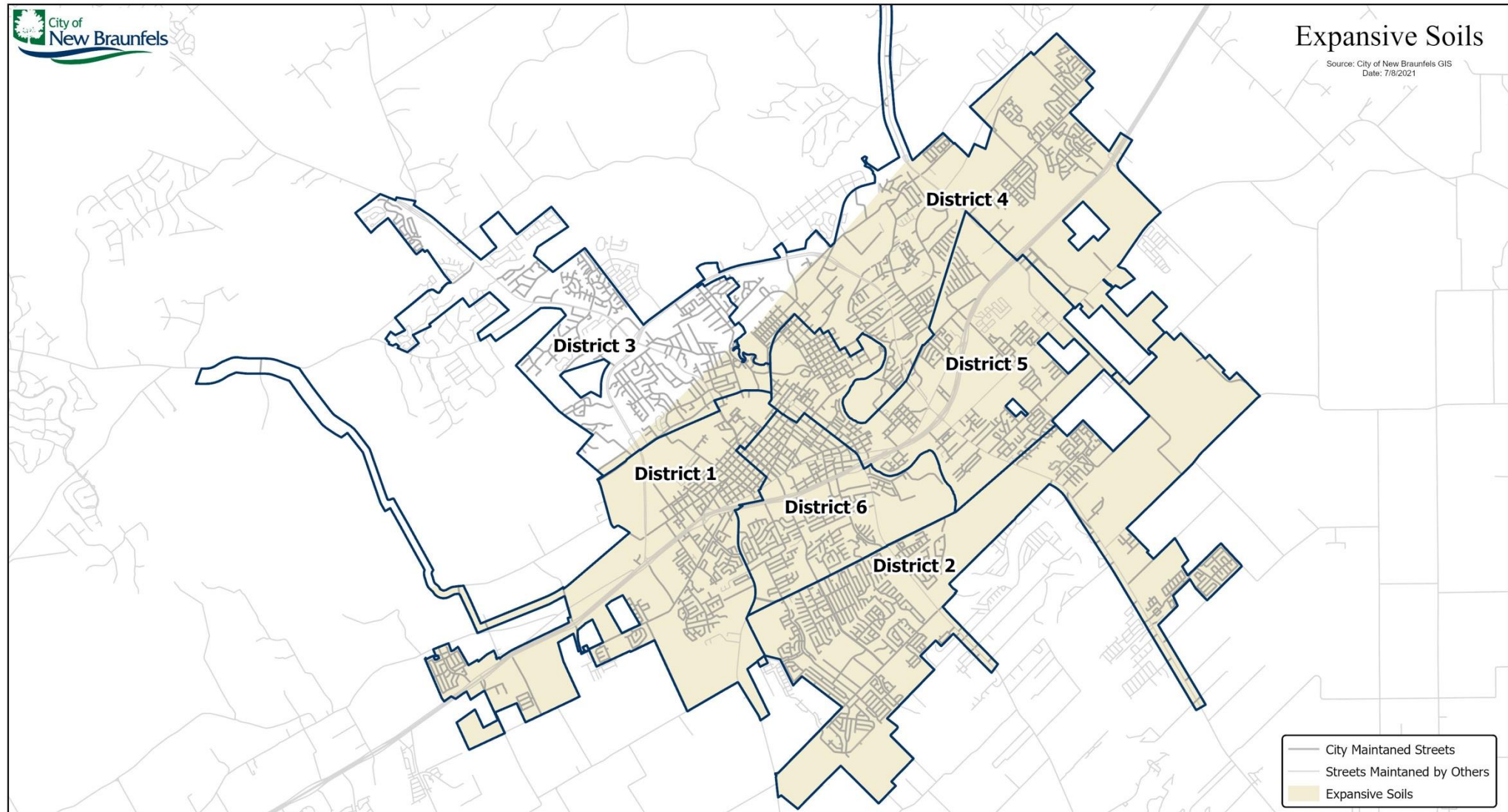


# Pavement Section

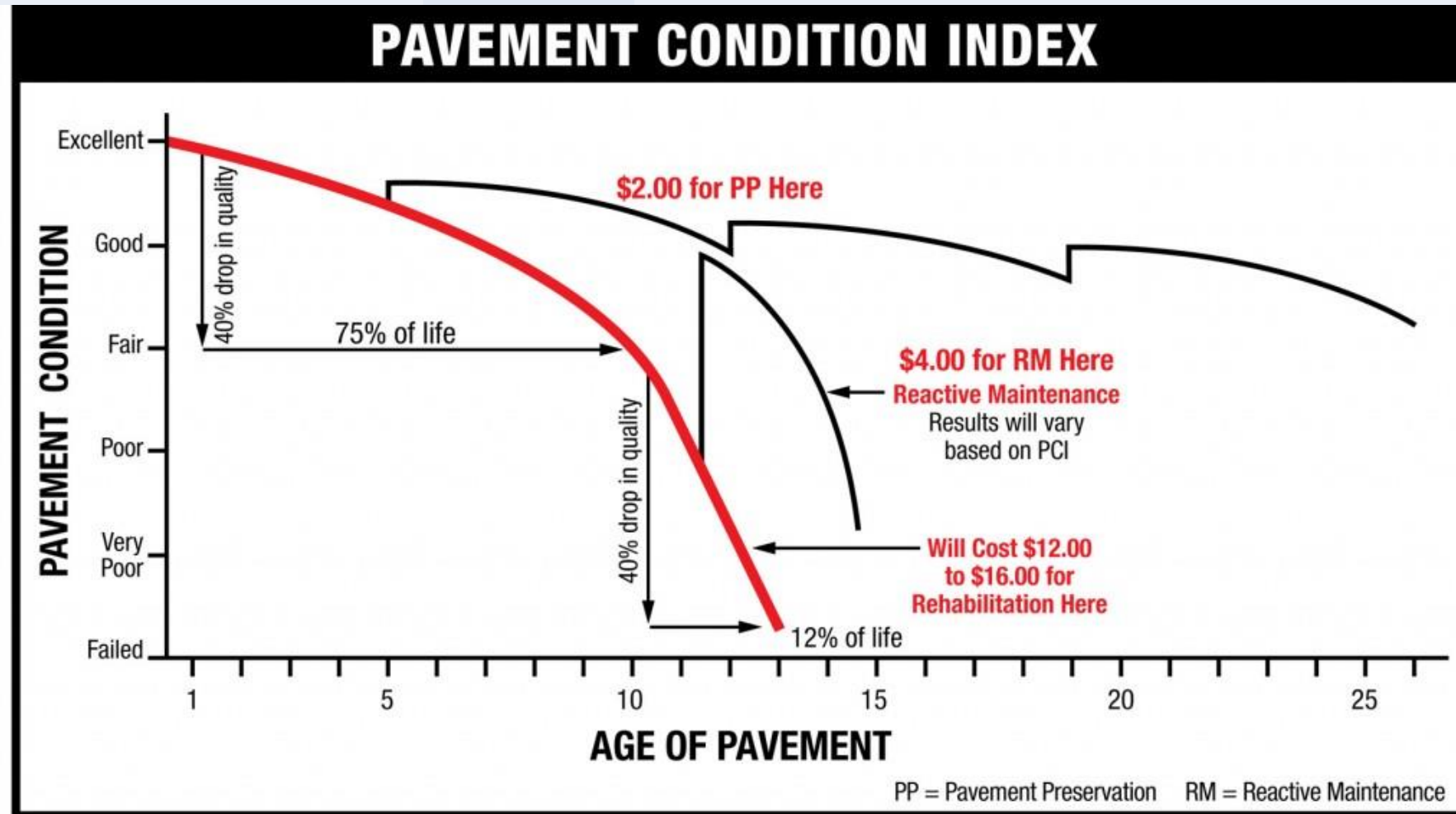


## Expansive Soils

Source: City of New Braunfels GIS  
Date: 7/8/2021



# Pavement Condition Index



# Maintenance Strategies

## Preventative Maintenance

- Crack Seal
- Potholes, Patching and NBU Repairs

## Surface Repairs

- Level-Up and Thin Overlay – 1" Hot Mix Asphalt (HMA)
- Micro Surfacing – 1/4" HMA
- Mill and Overlay - mill 2" of the existing surface HMA and overlay

## Rehabilitation

- Remove asphalt surface and base, stabilize subgrade, add new base material with final 2" to 3" HMA surface mat



# Functional Classifications

## Local Street

- Most common type of street in a city and provides direct access to adjacent properties. Carries no thru movement and parking is allowed.
- Design speed: 20 – 30 mph



# Functional Classifications

## Collector Street

- Street with a balance between access and mobility with parking allowed.
- Design speed: 30 – 40 mph.

Example: Hanz Drive



# Functional Classifications

## Arterial Street

- Provide the most direct path of mobility for longer distances. Are typically much wider with more lanes and no parking.
- Design speed: 45 – 50 mph.



Example: Walnut Avenue



# Street Plan Determination

## 1) Pavement Management Software System

- Inventory the pavement Overall Condition Index (OCI) from 1-100 (1 = worst)
- Recommendations from Cartegraph

## 2) Field Verification

- City staff visually inspects streets

## 3) Traffic Utilization

- Types of Streets (ex. Collector)



# Street Plan Determination

- 4) Coordination with Utilities
  - Timing our repairs with planned utility street cuts and improvements
- 5) Appropriate Maintenance and Repair Strategies
- 6) Bond Project
- 7) Citizen Input
  - During the year
  - Public Outreach



# Overall Condition Index: 100

- Considered excellent
- Includes newly constructed or recently overlaid streets





# Overall Condition Index: 79



- Considered good to very good and in structurally sound condition
- Initial signs of aging, such as longitudinal and transverse cracking, slight raveling and an occasional pothole requiring patching

# Overall Condition Index: 59

- Considered in average condition
- Roads show signs of needing resurfacing
- Over 50% of the surface has block cracking
- Streets in this condition could require rehabilitation



# Overall Condition Index: 39



- Considered fair
- Could require rehabilitation or reconstruction



# Overall Condition Index: 19

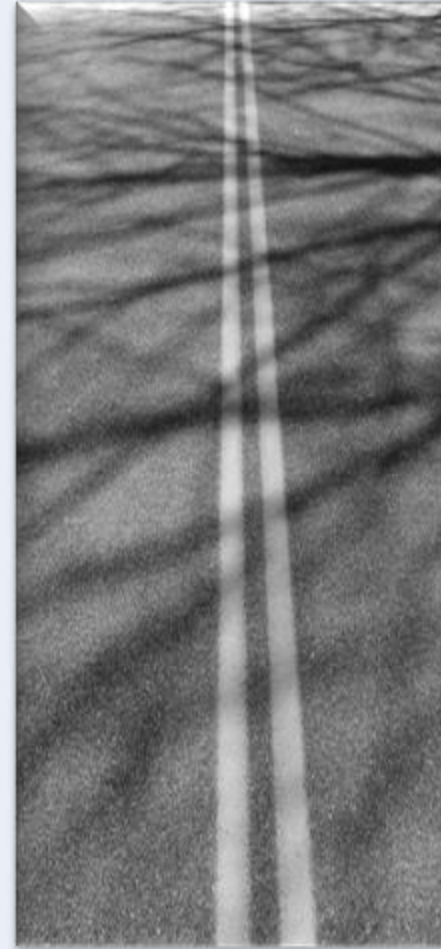
- Condition is considered poor to failed
- Requires reconstruction of base and surface





# Next Steps

- Receive Public input (August 27th meeting and online survey till September 5th)
- Evaluate and develop the 2025-2026 proposed street maintenance plan
- Post the plan in Fall 2025





# Links

Tonight's Meeting - Online Survey:

<https://www.newbraunfels.gov/streetsurvey>

Submitting a Pavement Concern:

<https://newbraunfels.gov/284/Streets-Drainage>

Viewing OCI Map and Road Closure Map:

<https://newbraunfels.gov/1847/Pavement-Management-Program>