

Street Maintenance Program

City Council
May 8, 2024



CITY OF COLLEGE STATION
Home of Texas A&M University®




Pavement Condition Index

ASPHALT SURFACED
ROADS & PARKING LOTS


PAVER™ DISTRESS IDENTIFICATION
MANUAL

DEVELOPED BY:



US ARMY CORPS
OF ENGINEERS
ERDC-CERL

SPONSORED BY:




AC Surface Distresses (0 = no distress, 5 = high severity/covers large area)

Alligator Cracking	3
Corrugation	2
Edge Cracking	3
Longitudinal and/or Transverse Cracking	3
Patching	3
Failures and/or Potholes	3
Raveling	2
Rutting and/or Depressions	2
Shoving	1
Shrinkage Cracking	2

ROW PCC Assets

Curb and gutter BCS/USO compliant?	No
Curb/gutter improvements necessary?	Yes
If curb/gutter improvements are necessary, what percentage requires improvements?	50%
Sidewalk Width:	No sidewalk

AC Surface Distresses (0 = no distress, 5 = high severity/covers large area)

Alligator Cracking	9
Corrugation	7
Edge Cracking	10
Longitudinal and/or Transverse Cracking	10
Patching	10
Failures and/or Potholes	10
Raveling	12
Rutting and/or Depressions	12
Shoving	12
Shrinkage Cracking	8

POTHOLES (13)

Description
Potholes are small, usually less than 30 in. (760 mm) in diameter, bowl-shaped depressions in the pavement surface. They generally have sharp edges and vertical sides near the top of the hole. When holes are created by high severity alligator cracking, they should be identified as potholes, not as weathering.




Severity Levels
The levels of severity for potholes less than 30 in. (760 mm) in diameter are based on both the diameter and the depth of the pothole, according to Table 1.

Table 1. Levels Of Severity For Potholes.

Maximum Depth Of Pothole (in.) (mm)	Average Diameter (in.) (mm)		
	4 to 8 in. (100 to 200 mm)	8 to 18 in. (200 to 460 mm)	18 to 30 in. (460 to 760 mm)
½ to ≤ 1 in. (13 to 25 mm)	L	L	M
> 1 to ≤ 2 in. (25 to 50 mm)	L	M	H
> 2 in. (50 mm)	M	M	H

If the pothole is more than 30 in. (760 mm) in diameter, the area should be determined in square feet and divided by 5 ft² (0.5 m²) to find the equivalent number of holes. If the depth is 1 in. (25 mm) or less, the holes are considered medium severity. If the depth is more than 1 in. (25 mm), they are considered high severity.

How To Measure
Potholes are measured by counting the number that are low, medium, and high severity, and recording them separately.

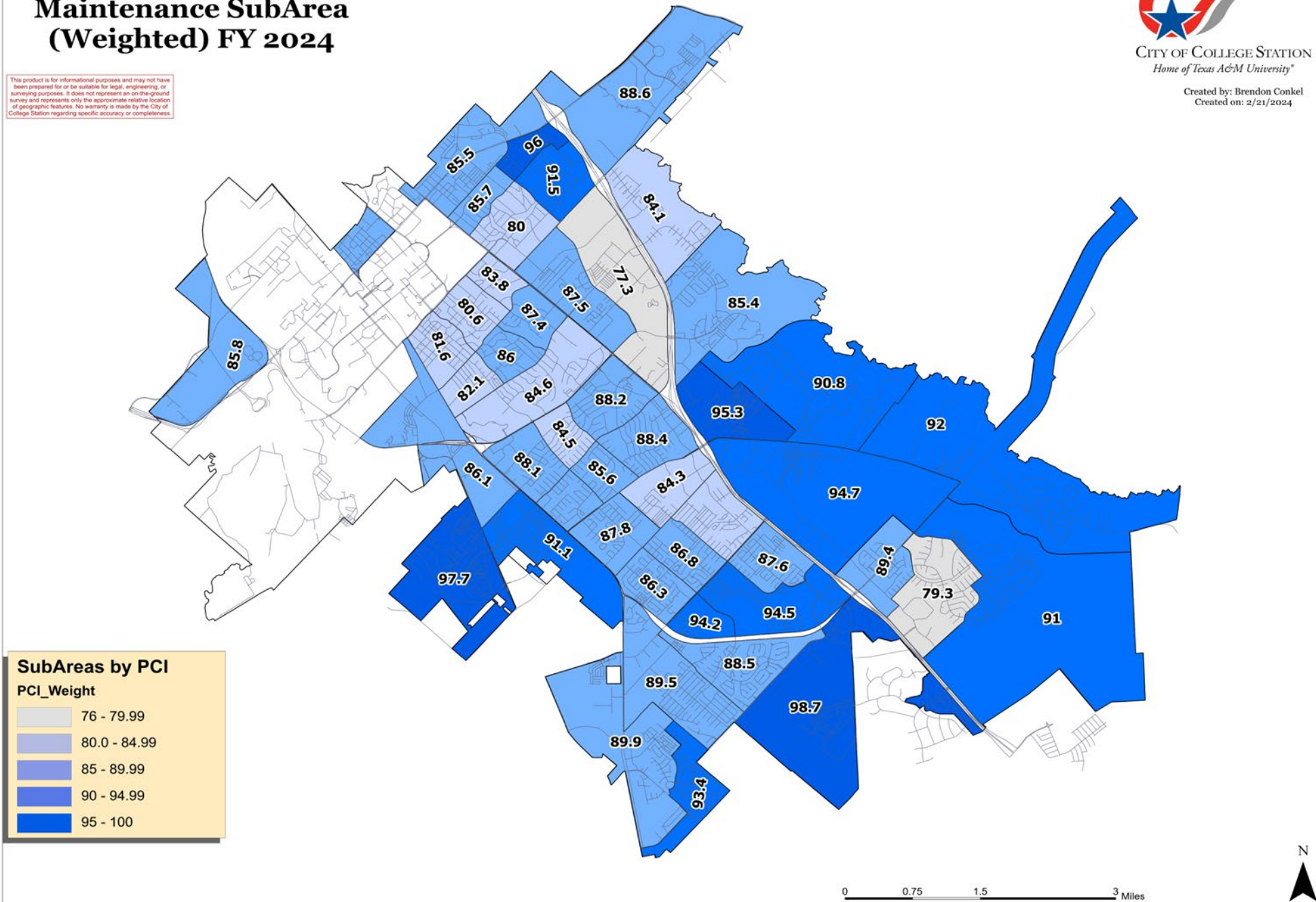




LOW 16 SHOVING
MEDIUM 17 SLIPPAGE
HIGH 13 POTHOLES
14 RAILROAD
15 RUTTING

32 33

Updated Average PCI By Maintenance SubArea (Weighted) FY 2024

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SubAreas by PCI

PCI_Weight

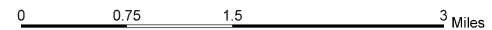
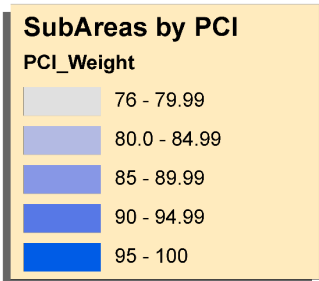
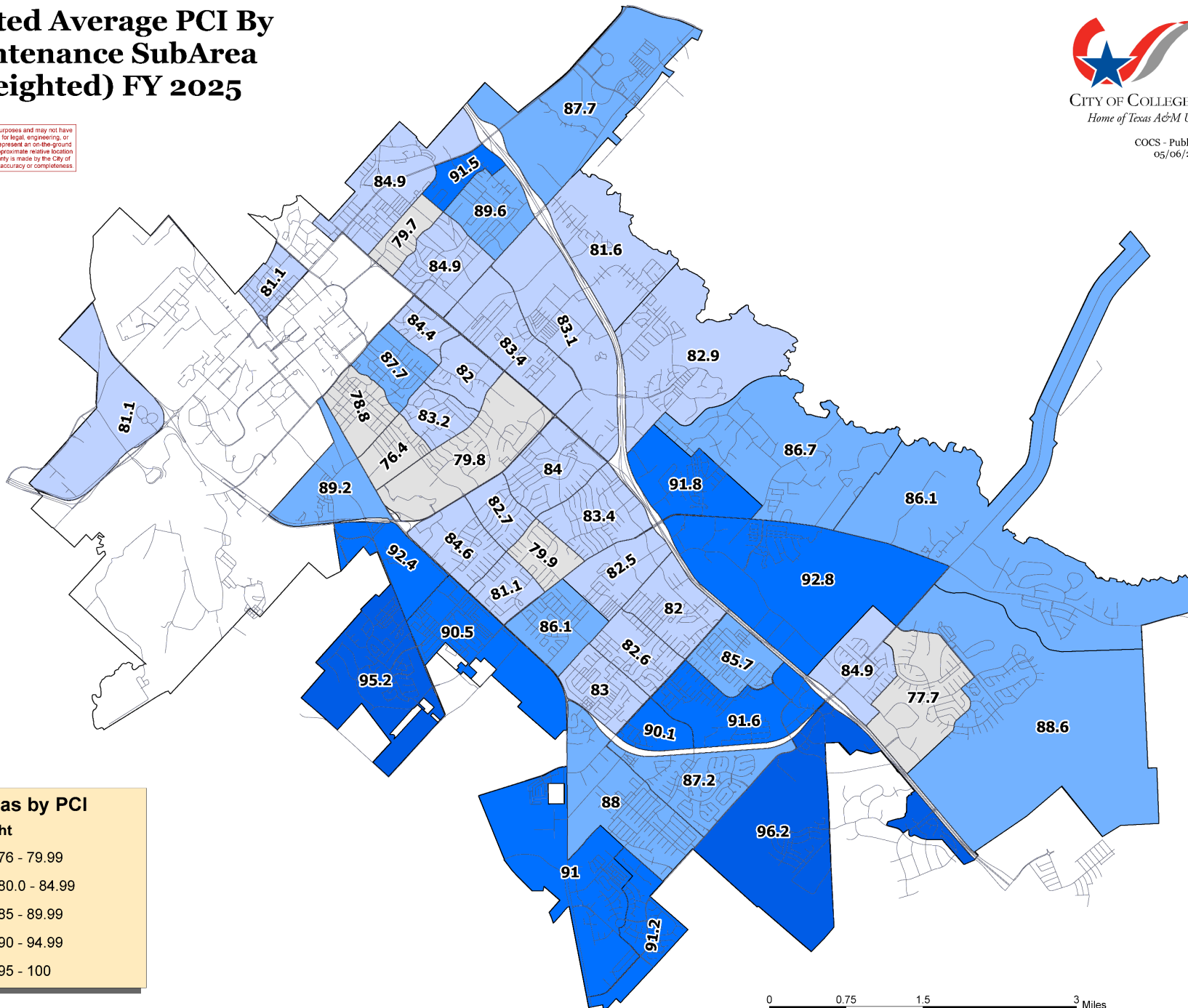
76 - 79.99
80.0 - 84.99
85 - 89.99
90 - 94.99
95 - 100

0 0.75 1.5 3 Miles

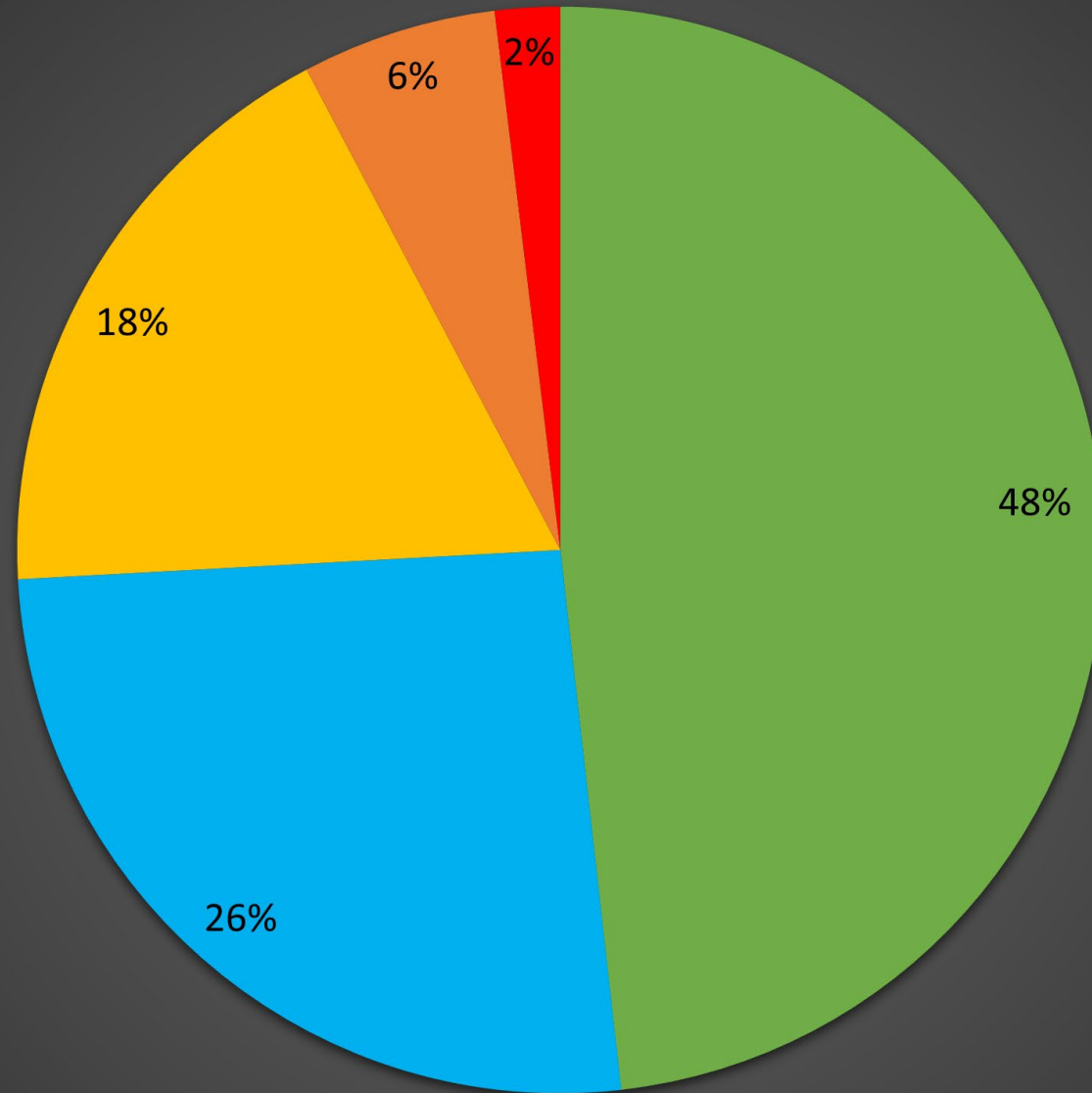


Updated Average PCI By Maintenance SubArea (Weighted) FY 2025

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City-Wide PCI Summation



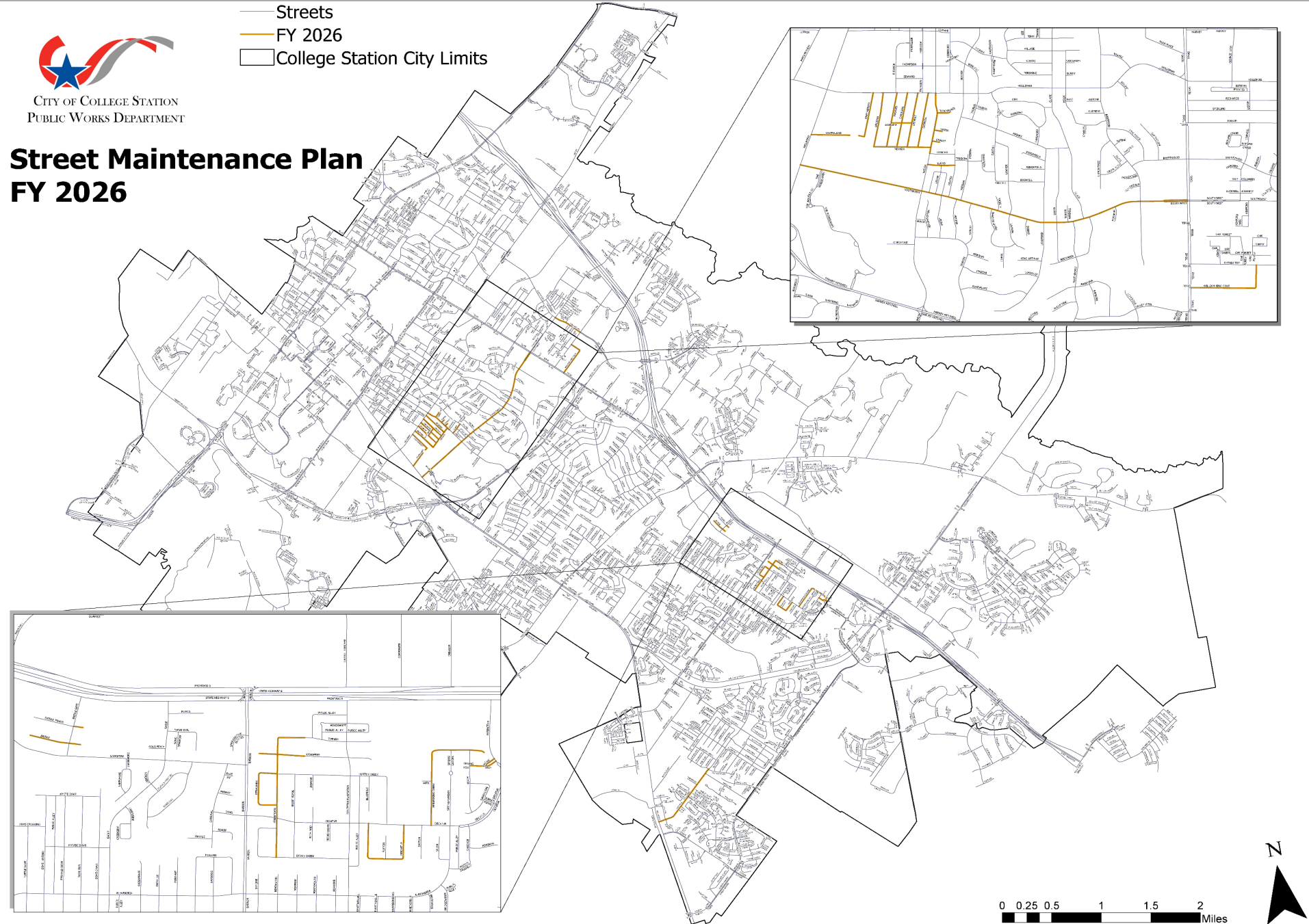
■ 100-90 ■ 89-80 ■ 79-70 ■ 69-60 ■ 59-0



CITY OF COLLEGE STATION
PUBLIC WORKS DEPARTMENT

- Streets
- FY 2026
- College Station City Limits

Street Maintenance Plan FY 2026

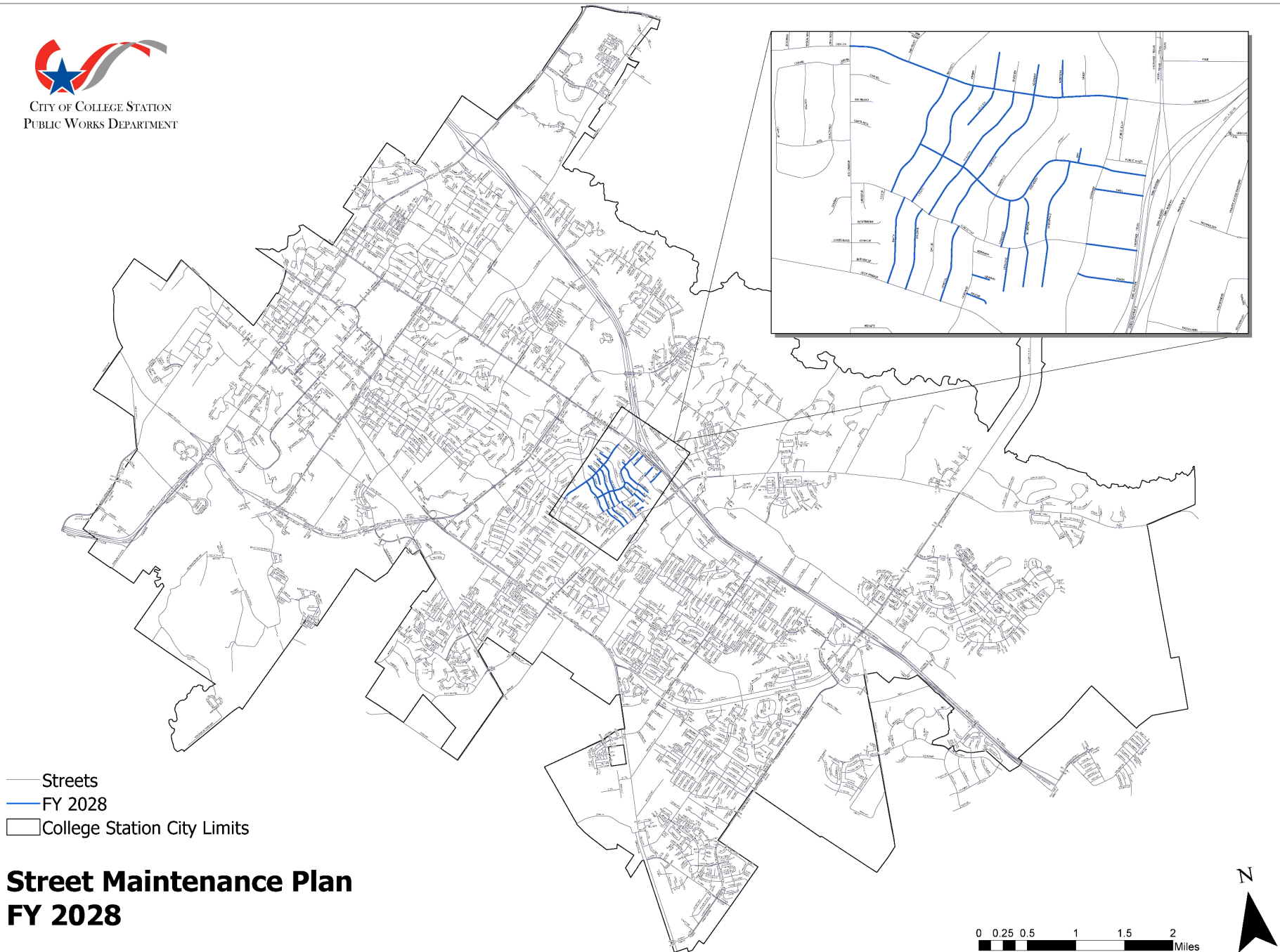


0 0.25 0.5 1 1.5 2 Miles



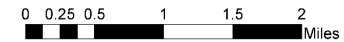


CITY OF COLLEGE STATION
PUBLIC WORKS DEPARTMENT



- Streets
- FY 2028
- College Station City Limits

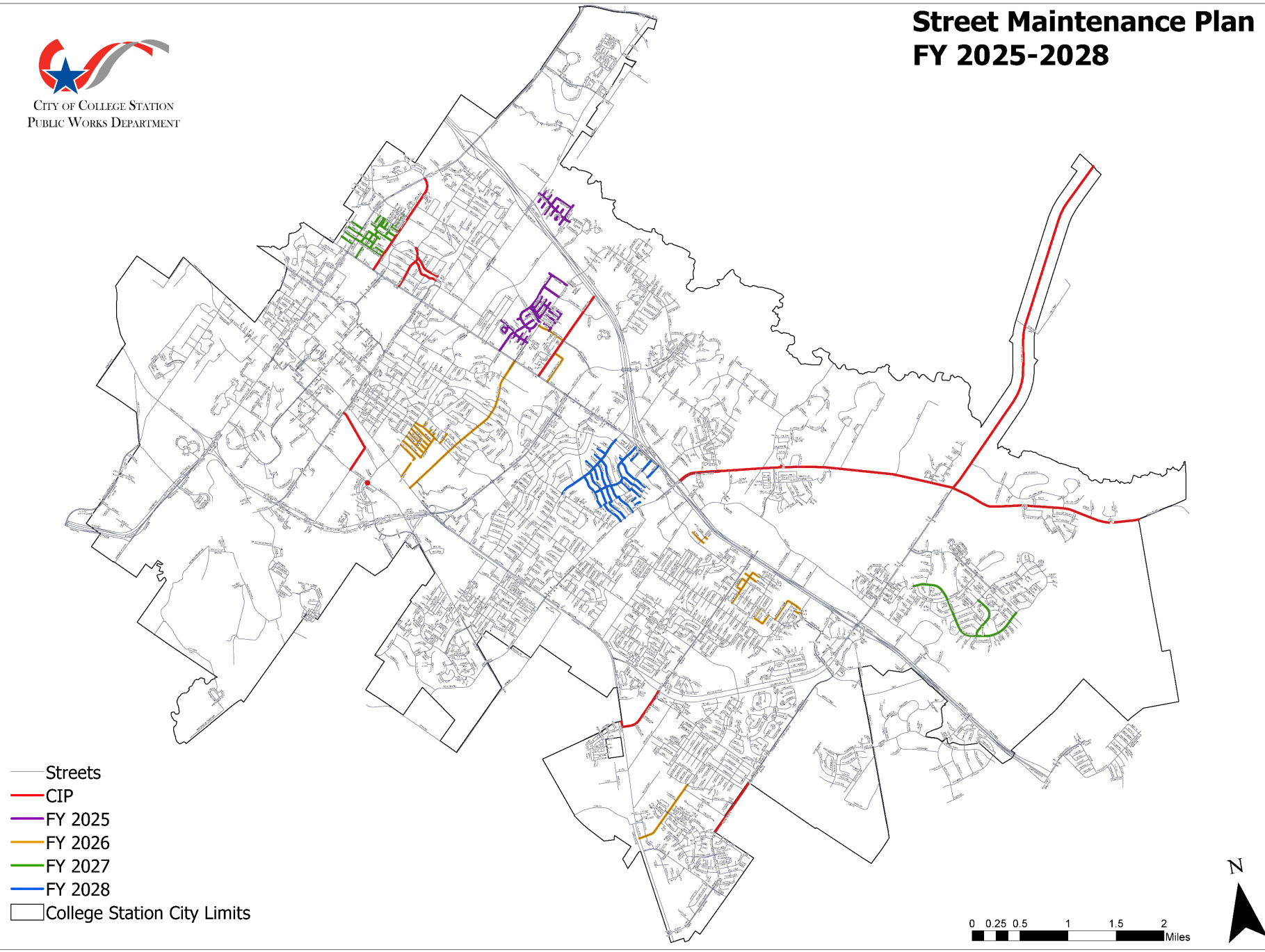
Street Maintenance Plan FY 2028





CITY OF COLLEGE STATION
PUBLIC WORKS DEPARTMENT

Street Maintenance Plan FY 2025-2028

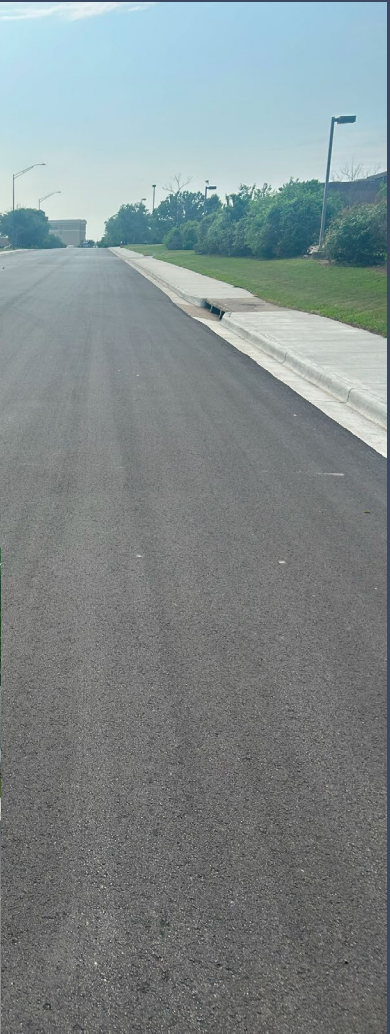


Kalanchoe Court





Eastmark Drive





Street Maintenance

Open House

- Wednesday, May 28
- 6:00 - 7:30 pm
- City Hall - Bush 4141