

**MANAGING  
ASPHALT  
PAVEMENTS**  
CONFERENCE AND TRADE SHOW  
MAY 15-17, 2023 ★ WACO, TEXAS

**WELCOME!**

**Please check your App for scheduled Sessions!**

# MANAGING ASPHALT PAVEMENTS

CONFERENCE AND TRADE SHOW  
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# Track 1 Design and Planning

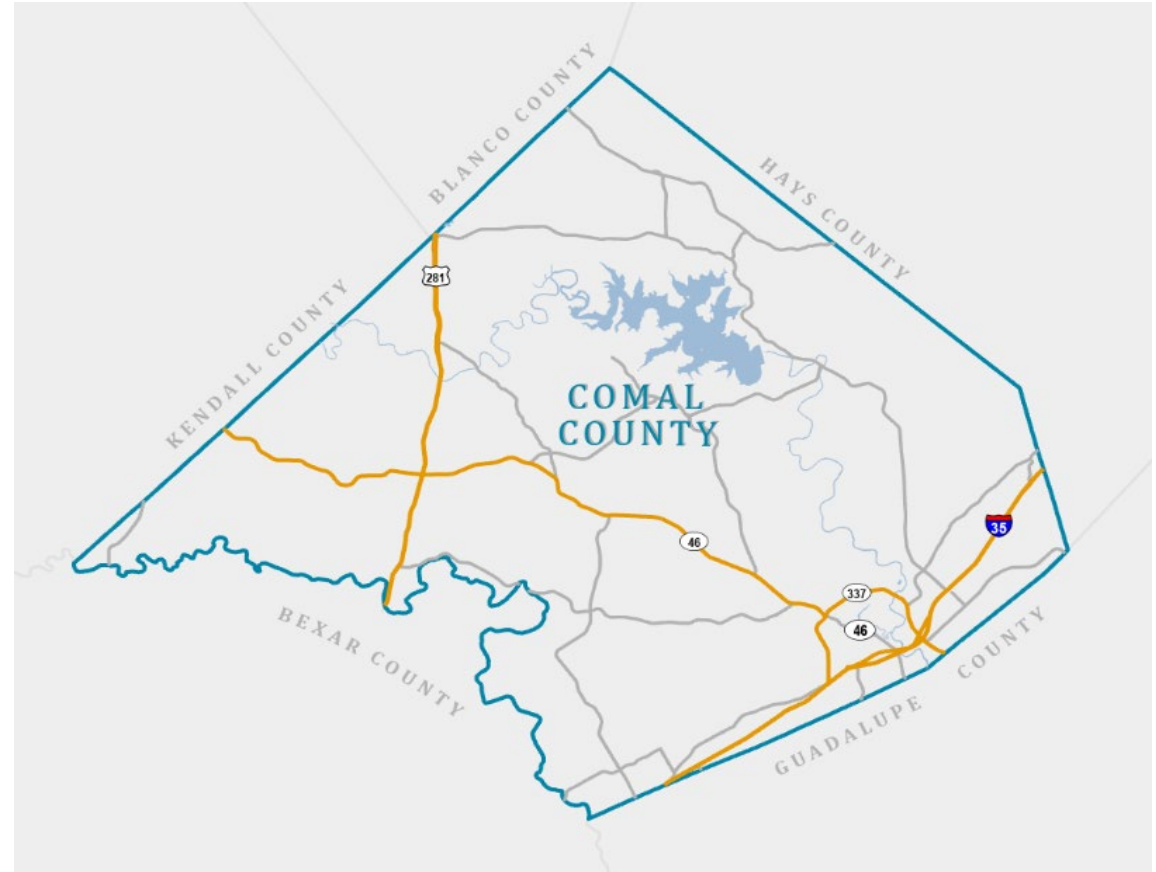
(Home Grown) Pavement Management  
Comal County

John Doege – Road Superintendent  
(830)358-0720



# Comal County Road Department

- 860 Miles of Roadway
- 83 Employees
  - (25) Right of Way
  - (17) Traffic Control
  - (12) Fleet Maintenance
  - (25) Roadway Maintenance
- Asphalt Overlay
  - Current Ability: 50-52 Miles/Year
  - 2-3 Year Plan: 62-70 Miles/Year
  - 5-7 Year Plan: 75-85 Miles/Year



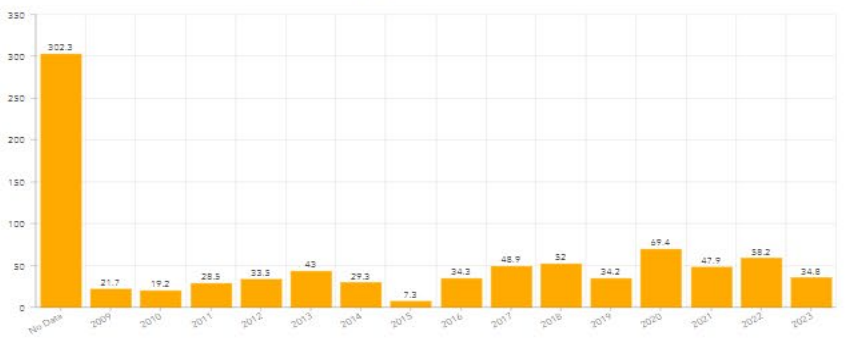
# **“A goal without a plan is just a wish.”**

Antoine de Saint-Exupery

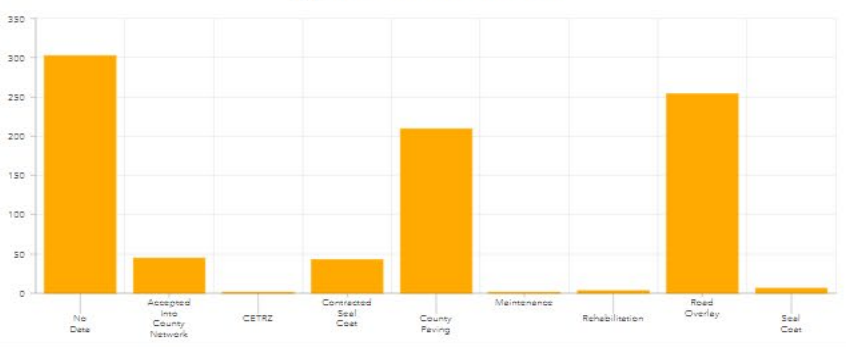
- The Plan Before The Plan
  - Data Collection Software (2013)
  - GIS
    - Team Development
    - Work History
    - PCI - Inspections
    - Budget



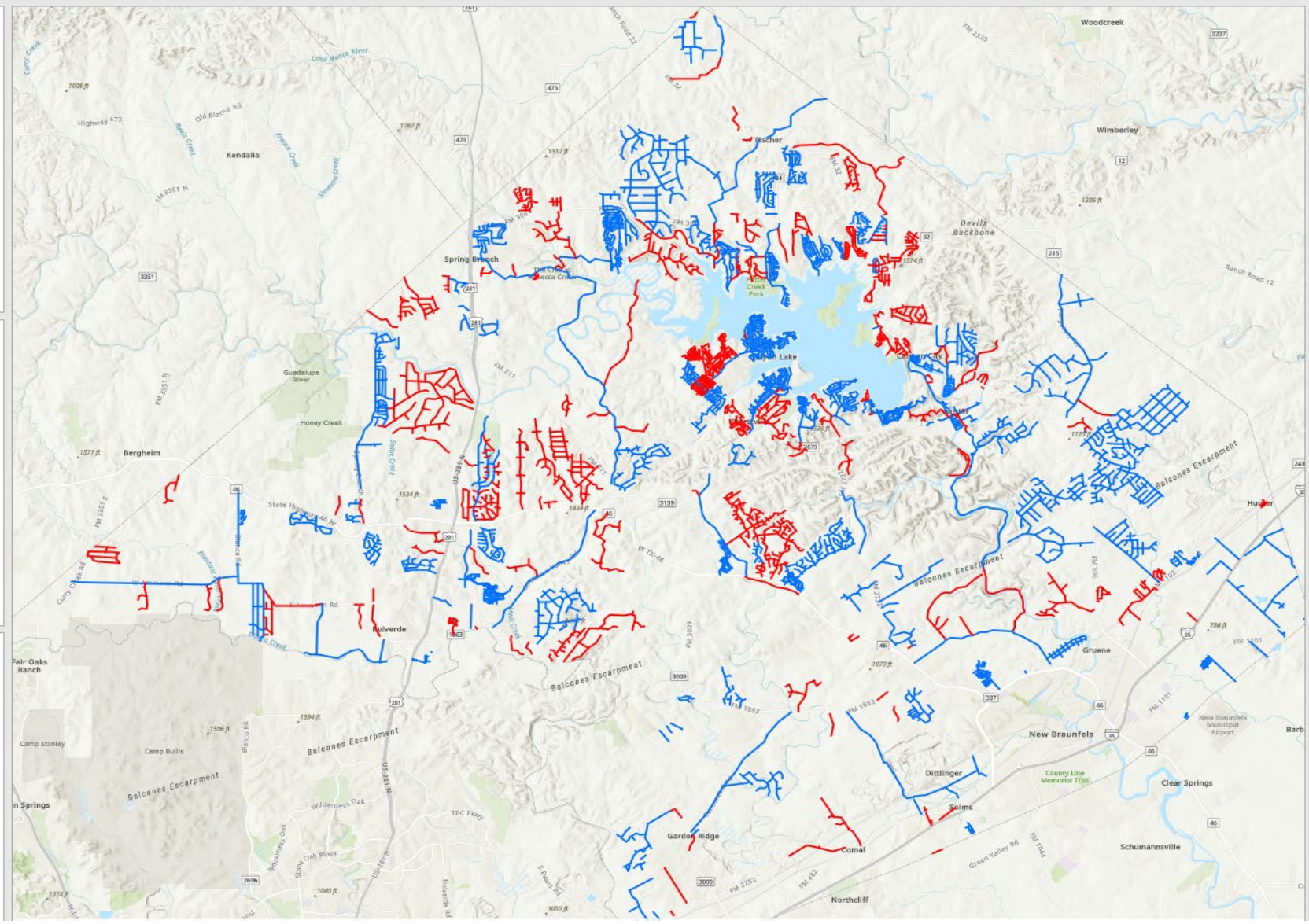
By the Year



Type of Construction

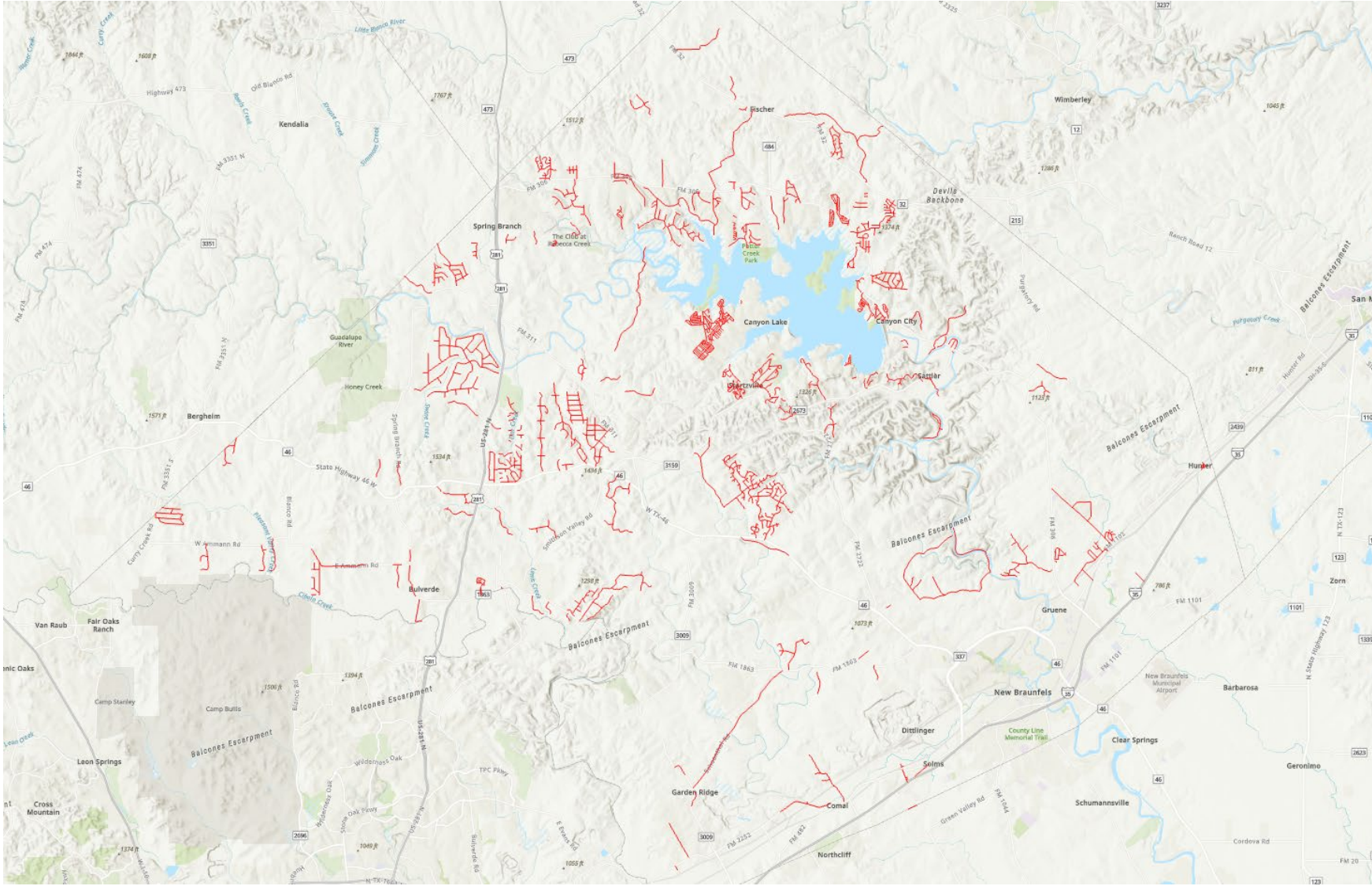


Miles of Roads  
**860.7**





- Inspection Plan
- Potholes
- Failure Repairs
- Edge Failures





# 2020 County Paving Plan

# Number of Roads

# 80

Length of Road(s)  
**274,275.959 Ft**  
 51.946 Miles

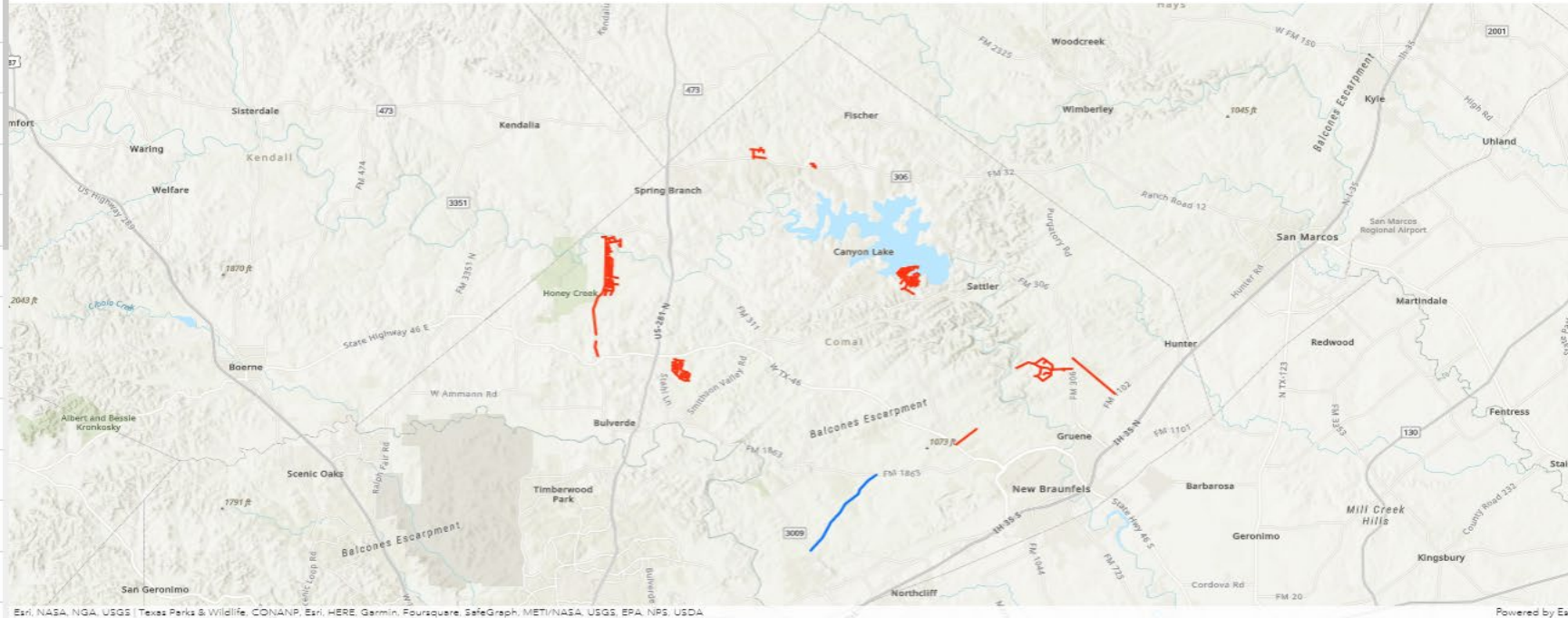
Estimated Asphalt Tonnage  
**58,550.861**  
 \$3,220,297.328 based on \$55/ton

Estimated CSS 1H  
**30,590.836**  
 \$59,652.131 based on 1.95/gallon

Estimated Failure Repair Work  
**\$84,644.035**

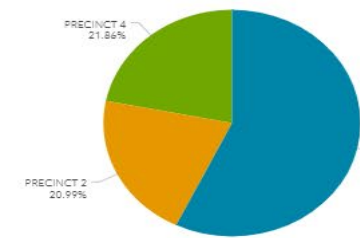
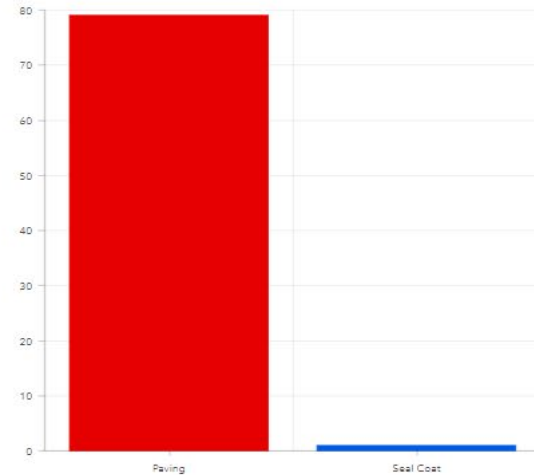
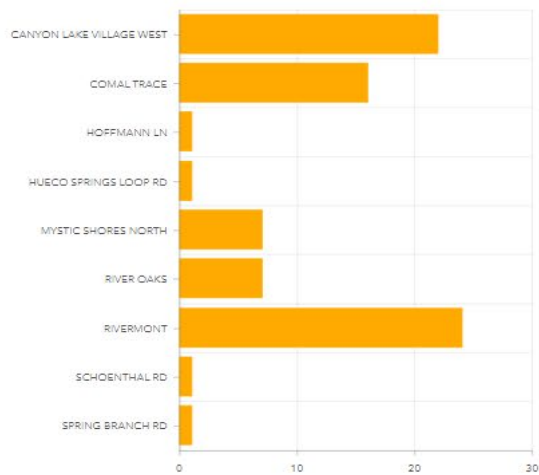
Seal Coat Cost  
**\$180,639**

Estimated Time to Complete (Days)  
**208.332**



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AMANDA CANYON LAKE VILLAGE WEST 2.35 Day(s) to Complete
BARBARA DR CANYON LAKE VILLAGE WEST 1.93 Day(s) to Complete
BLUE WATER DR CANYON LAKE VILLAGE WEST 3.03 Day(s) to Complete
BRIDGET DR CANYON LAKE VILLAGE WEST 0.70 Day(s) to Complete
BUCK TRL CANYON LAKE VILLAGE WEST 2.30 Day(s) to Complete
CALM WATER CANYON LAKE VILLAGE WEST 0.52 Day(s) to Complete
CINDY DR CANYON LAKE VILLAGE WEST 2.78 Day(s) to Complete
COLLEEN DR CANYON LAKE VILLAGE WEST 10.58 Day(s) to Complete
CONNIE DR CANYON LAKE VILLAGE WEST 5.31 Day(s) to Complete
HARRIET CANYON LAKE VILLAGE WEST 0.49 Day(s) to Complete
HIGHLAND TERRACE DR CANYON LAKE VILLAGE WEST 3.27 Day(s) to Complete
IRENE DR CANYON LAKE VILLAGE WEST 2.08 Day(s) to Complete
JANET DR CANYON LAKE VILLAGE WEST 1.39 Day(s) to Complete
KATHLEEN DR CANYON LAKE VILLAGE WEST 0.87 Day(s) to Complete
LAURIE DR CANYON LAKE VILLAGE WEST 2.69 Day(s) to Complete
MARY ANN CANYON LAKE VILLAGE WEST 0.54 Day(s) to Complete
MINNESOTA DR CANYON LAKE VILLAGE WEST 1.16 Day(s) to Complete
NANCY DR CANYON LAKE VILLAGE WEST 1.50 Day(s) to Complete
PATTY DR CANYON LAKE VILLAGE WEST 1.76 Day(s) to Complete
POLLY DR CANYON LAKE VILLAGE WEST 0.45 Day(s) to Complete
SUSIE DR CANYON LAKE VILLAGE WEST 2.11 Day(s) to Complete
TOMMY DR CANYON LAKE VILLAGE WEST 0.29 Day(s) to Complete

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Antoine de Saint-Exupery

- Strategy
  - Preventative Maintenance
  - Surface Treatment
  - Personnel, Equipment and Materials











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*PRESENTED BY:*



# Questions ?

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