

# StreetSaver Implementation

The City of Poway's Experience



## The City of Poway

Incorporated 1980

Inherited streets from  
County of San Diego

180 Center Line miles  
of streets

- Mostly Residential
- 6 Arterials
- Industrial Park

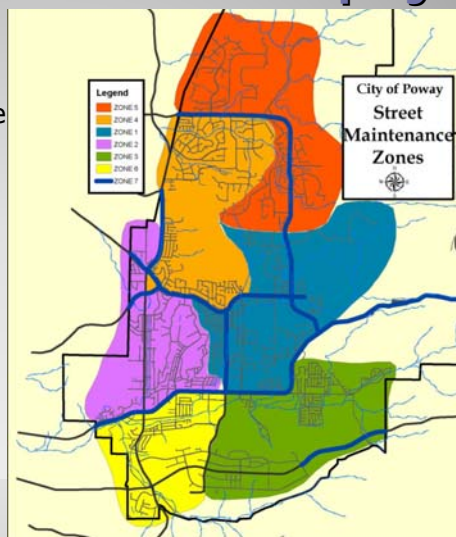


## Poway's Pavement History

- Started with Paver
- Migrated to Cartegraph
- I came a long...

## Poway's Pavement Philosophy

- In the past:
  - shot gun approach; the worst & most political first
- Now:
  - 7 Zones
  - Visual inspections
  - Projections for overlay and reconstruction



## Maintenance Strategies

- Crack Seal
- Deep Patch
- Slurry
- Skin Patch
- ARAM
- Annual Budget \$1.5 to \$1.7 million

## Reconstruction Activities

- Overlay Program
  - Deep Patch
  - Petromat
  - Overlay
- Annual Budget \$500k - \$1 million

## Introduction to StreetSaver

- Cartegraph was not working!
- Frank Casteleneto - New City Engineer
  - Was with one of the original 5 cities to use StreetSaver
  - Came to us via Colorado, with StreetSaver in-tow

## Data Confirmation

- Converted data was inaccurate
  - Some streets are missing
  - All streets need to be re-measured for length, width and lanes
  - Maintenance Sections need to be redefined
  - Zones 6 & 7 have been switch
  - Ultimately, all maintenance sections will need to be renumbered

## Inspections

- Approach & Method
  - Start with Zone 4
  - Mark our inspection units as we arrive at them
  - "Measure Crack!"
- Us vs. a Contractor
  - Allows us to gain intimate knowledge and understanding of inspection process and results
  - After 4 hours, everything is low-block crack.

## Inspections

- Two Team Approach
  - Pros
    - Two teams can cover more ground
    - The StreetSaver inspection method allows for consistency
  - Cons
    - We have to re-teach inspection method every time
    - We end up doing double duty because we have to identify, record and cautiously watch the measurements
  - End result: Jeff and I should stick together

## Inspections

- Lessons after Zone 4
  - Be sure to look at the big picture
  - Pay attention to the deduct values
  - Don't over grade weathering and alligating
  - Consider how we will be repairing the different distresses

## StreetSaver Software

- What's worked well:
  - User Friendly
  - Portable
    - Online Version + Laptop + wireless card = instant gratification
  - MTC and Tech support is super responsive
- Challenges encountered:
  - Inspection inventory
  - Inspection list