

# PUBLIC WORKS QUARTERLY UPDATE

APRIL 18, 2017

MICHAEL J. HASLER, P.E., DIRECTOR OF PUBLIC WORKS

***We are building a vibrant, inclusive community, driven by a commitment to democratic principles and service above self***



# *Personnel*

## **New Building Inspector Hired**

James Schlachter, Jr., began employment on January 30

- James is a licensed plumbing inspector with over 28 years of experience in the plumbing and inspection fields and most recently worked for the cities of Lancaster and Hutchins



## **Temporary Customer Service Assistant**

Dianna Herrera began employment on February 13

- Diana previously provided support to the Finance Department
- Diana provides additional clerical support for the Building Inspection Department



# *Recent Accomplishments*

- **Three-Year Video Camera Detection Program Completed**
  - Cameras installed at all signalized intersections (145 cameras)
  - Cameras used for both vehicle detection and data collection
  - Increased safety for crews not having to work in the roadway for extended periods of time to install inductive loops
  - Prolongs pavement life by not having to cut the pavement each time a loop goes bad
  - Reliable vehicle detection helps mitigate traffic congestion as well as reduce vehicle emissions
  - The cameras are non-intrusive and 100% compatible with Traffic Operations IT network





# *Pavement Management Program*

- The Pavement Management Program (PMP) identified an excess of \$60 million street and alley maintenance projects
- The Street Superintendent reviews each street/alley rating in conjunction with field inspections to preliminarily rank maintenance and Capital Improvement Projects
- In an effort to collaborate potential projects with water, drainage and sanitary sewer infrastructure beneath / beside existing roadways, staff developed a committee, RWDS (Roads, Water, Drainage, Sewage), consisting of representatives from the Street, Water, Drainage, and Wastewater divisions

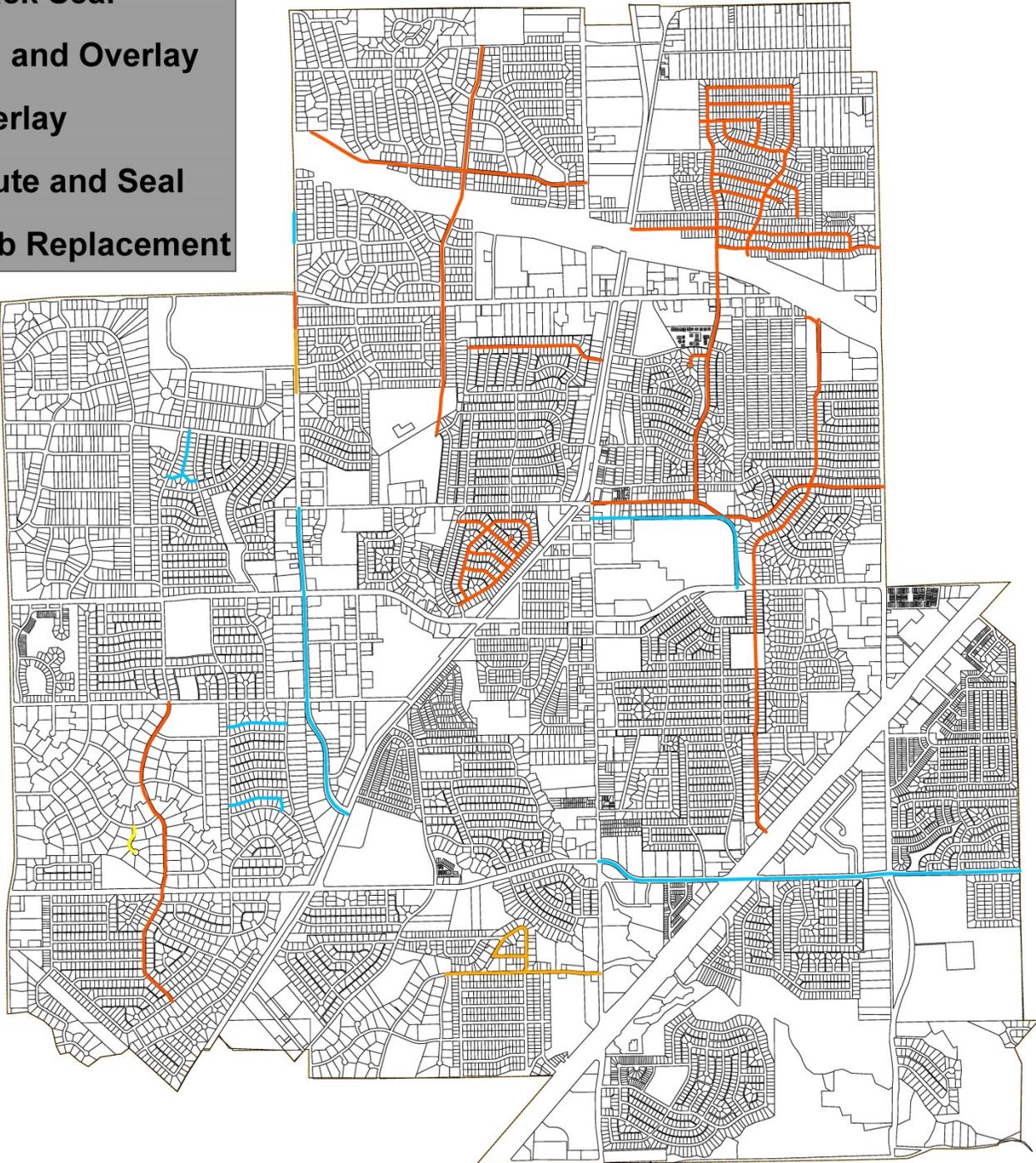
## *Pavement Management Program, Cont'd.*

- The PMP only considers street ratings, but the condition of other infrastructure can and will have a significant influence on the ranking of streets generated via the PMP
- Budgets and schedules of all divisions are continually reviewed, prioritized and compared in ongoing RWDS meetings to ensure the best use of available funds
- Surface treatments were added such as HA5-high density mineral bond and micro-surfacing to avoid drainage and ridability problems caused by the application of repetitive hot mix overlays to further maximize pavement life
- Under the current plan, the street network rating will be reevaluated every three years



# FY2017 PMP - RWDS Collaboration

- No Proposed PM
- Crack Seal
- Mill and Overlay
- Overlay
- Route and Seal
- Slab Replacement





# ***Work Plan Status***

- **Public Works has a total of 24 work plan items**

These objectives have been completed:

- 2.39 – Non-Visual Accessible Pedestrian Pushbuttons
  - 2.41 – Video Detection Conversion
  - 2.42 – Street Name Sign Conversion
  - 2.45 - Sidewalk Repair/Rehabilitation
- There are 16 work plan items in progress
  - One of the work plan items is on hold (Recycling/Trash Roll Carts)
  - Three of the work plan items have been moved to FY18 due to lack of funding

# Quarterly Performance Indicators

• Water pumped October thru December 2016	311,802,625
○ Water pumped last fiscal year	1,433,108,250
• Sewer services replaced	27
• Sewer lateral stoppages cleared	131
• Sewer Lines Cleaned (Miles)	33.44
• Preventative vehicle maintenance performed	156
• Work orders performed on fleet vehicles	165
• Drainage headwalls inspected & cleaned (if needed)	402
• Inlets inspected & cleaned (if needed)	1,389
• Potholes Patched	381
• Certificates of occupancy Issued	59
• Building permits issued (commercial & residential)	385
• Building inspections performed	1,325





***Questions?***