

# PUBLIC WORKS QUARTERLY UPDATE

MARCH 1, 2016

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 Service Center Administrative Assistant – Angelica Martinez

- Angelica “Angie” Martinez began her Duncanville career in 2009 working part-time as a Page/Clerk at the Library, eventually becoming a full-time employee
- In 2012, Angie transferred to the Finance Department as an Administrative Assistant
- Angie will be housed in the Service Center and will support the Water/Wastewater Utilities, Traffic Operations, Streets, and Solid Waste Divisions
- The Senior Building Inspector for the Building Inspection Division recently resigned. The majority of inspections will be performed by a third-party contract inspection company for the foreseeable future
- The Water/Wastewater Division has openings for one crew leader and one maintenance technician





# *Recent Accomplishments*

- Comprehensive Plan
  - The Steering Committee has met twice and selected four Committee representatives to work on Request for Qualifications (RFQ) evaluation/selection process
  - Five consultants responded to the RFQ issued on January 6th
  - Consultant selection to be finalized in March with contract award anticipated in April
- Development Checklist
  - The Development Review Committee has established general information as a basis for future development guide.
  - A flowchart has been created along with a process information handout, new pre-development meeting application, and application submittal deadline calendar
  - A Developer Roundtable is being planned to gain input from the development community on the new process
  - Expected result is more consistency and timeliness of reviews for all applications

# Recent Accomplishments (Cont'd.)

- Acquisition of Summit Pump Station and Site
  - Estimates show the purchase of the site from the TRA will reduce monthly operation and maintenance costs overall by more than 50%, or approximately \$1,000 per month
  - The City Council voted to terminate its contract with the TRA at its February 2, 2016, meeting
  - An Interlocal Agreement was executed this same date with the City of Cedar Hill to assume the operation and maintenance costs on a shared five-eighths / three-eighths basis
  - The TRA Board of Directors voted to terminate the agreement with the cities of Duncannonville and Cedar Hill at their February 26, 2016, meeting



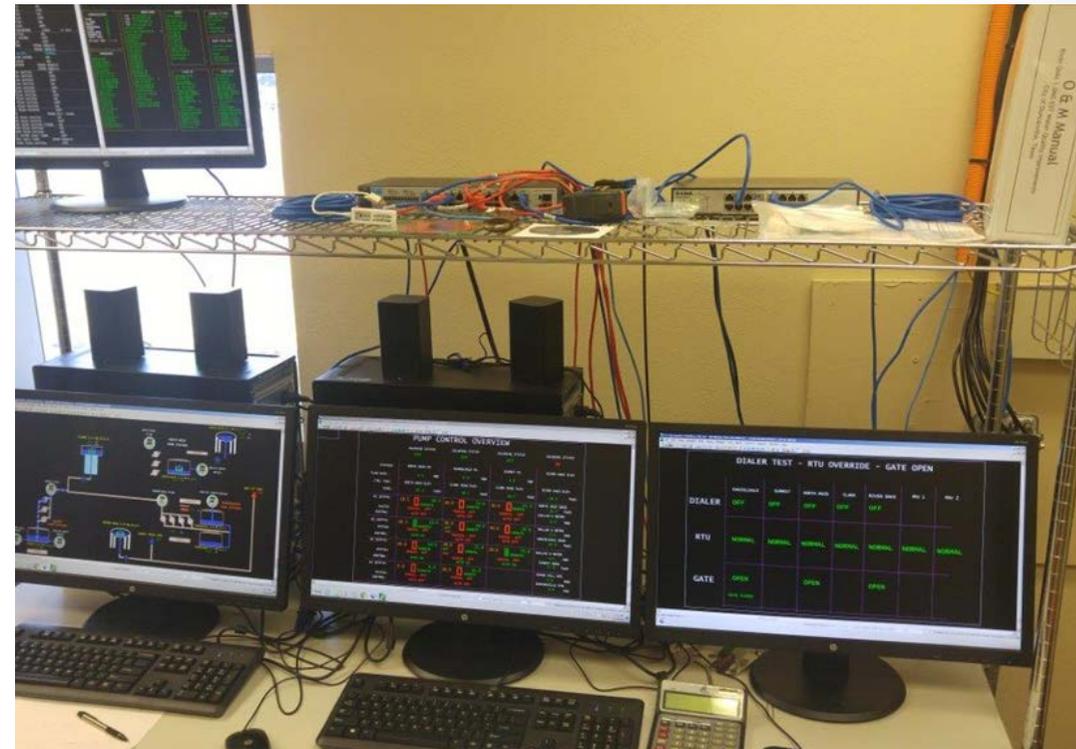


## *Recent Accomplishments (Cont'd.)*

- Pavement Management Program
  - A Street Condition Study was performed by DTS to provide a prioritized list of streets that require preventative maintenance to more economically preserve their useful life
  - This study was presented to the City Council on January 19, 2016
  - Personnel have trained on the new VUEworks pavement management software to prioritize and budget pavement repairs and replacement
  - A bus tour was conducted on February 23, 2016, with the City Council to help Councilmembers decide on **average** Pavement Condition Index (PCI) values for major streets, minor streets and alleys
  - The next step will be to discuss potential budget impacts for funding these repair strategies

# Recent Accomplishments (Cont'd.)

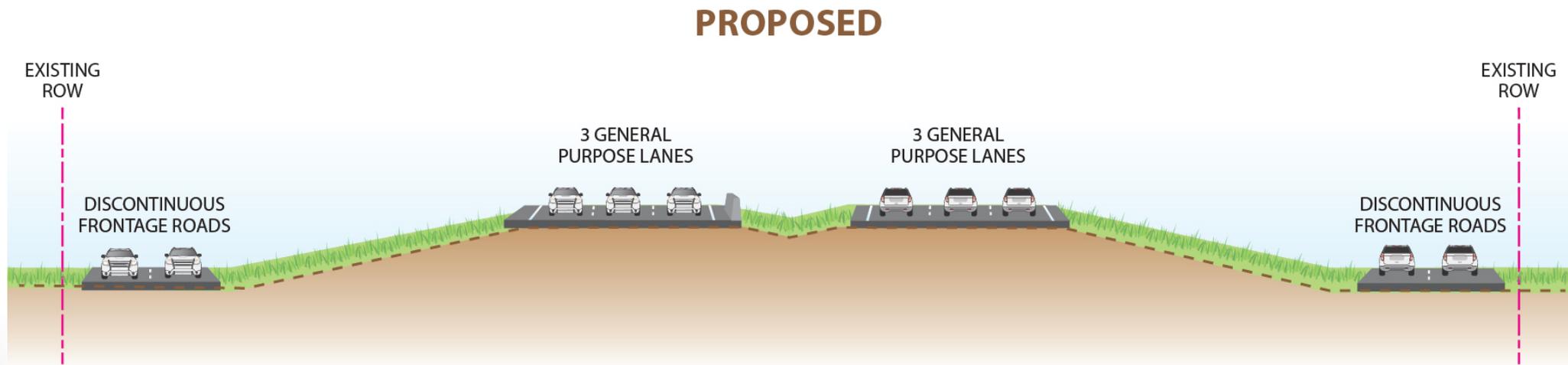
- TDMS-Plus Redundant Supervisory Control and Data Acquisition (SCADA)
  - Located at the Municipal Service Center, the Master SCADA system allows monitoring of tank levels, the ability to turn transmission pumps and valves on and off, monitoring of system status, and generation of alarms for system failures and intruder alerts – all remotely
  - Each pump station and water storage site has a Remote Terminal Unit (RTU) that receives and transmits data to a computer display on the master unit at the Municipal Service Center off Daniieldale Road



# Recent Accomplishments (Cont'd.)

- Southern Gateway US Highway 67 Project
  - Staff attended a public meeting on January 28, 2016
  - Project termed "Segment 2B along US 67 from Beltline Road to I-20" and will be constructed under a separate project, not a part of The Southern Gateway Managed Lanes Project
  - Project construction anticipated for late 2017/early 2018 with completion in 2021

## Segment 2B: US 67 from Beltline Road to I-20



# *Recent Accomplishments (Cont'd.)*

- IH-20 Frontage Roads
  - Not a Workplan item but has recently resurfaced
  - Working with TxDOT for both access and Economic Development purposes



# *Recent Accomplishments (Cont'd.)*

- Illuminated Street Signs
  - The first stage of illuminated street sign placement is underway
  - The first stage is the placement of illuminated street signs at all major intersections entering the City (north, east, south and west)
  - Twelve (12) out of thirty-six (36) illuminated signs have been installed
  - This is a three-year program being funded from Red Light money





# *Work Plan Status*

- Objective 1.5 : Create/Implement Bike Trails
- Objective 1.10 : Wintergreen Road / 96" Water Main Extension
- Objective 3.2 : Maximize the Vision/Market Potential of Development/Redevelopment by Utilizing the Expertise of City Planner
- Objectives 4.16 : Water Line Improvements: West Daniel Street,  
4.18, and 4.19 : West Vinyard Road, and West Red Bird Lane
- Objective 4.34 : Traffic Signal - North Duncannville Road & Red Bird Lane
- Objective 4.36 : Storm Drainage Utility System Rate Study
- Objective 4.5 : North Main Street Water Tank Improvements
- Objective 4.7 : W. Park Estates/Flame West Pipebursting Project

# Quarterly Performance Indicators

• Water pumped Oct. thru Dec. 2015	397,009,000
○ Water pumped January 2016	113,767,000
○ Water pumped last fiscal year	1,825,131,000
• Service laterals televised	37
• Sewer lateral stoppages cleared	123
• Water main breaks repaired	8
• Preventative vehicle maintenance performed	209
• Work orders performed on fleet vehicles	180
• Drainage headwalls inspected & cleaned (if needed)	316
• Street utility cuts repaired	51
• Certificates of occupancy Issued	31
• Building permits issued (commercial & residential)	156
• Building inspections performed	689





Questions?