



PUBLIC WORKS QUARTERLY UPDATE

DECEMBER 1, 2015

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 City Planner – Chasidy E. Allen, AICP

- Work History – Over 10-years in Municipalities
 - Principal Planner – City of Garland
 - Previously with Arlington and Mansfield
- Bachelor of Science – Texas A&M University
 - Agricultural Development with an emphasis on Environmental Design

Master of Science – University of Texas-Arlington

- City & Regional Planning
- Significant Skills and Experience
 - Certified Planner with the American Institute of Certified Planners
 - In-depth knowledge and understanding of local government ordinances and codes
 - City Liaison for the Planning and Zoning Commission and Zoning Board of Adjustment





Personnel (Cont'd):

- The Building Inspection Division has an opening for a Senior Building Inspector
 - An offer has been made and background/drug testing is being performed
- The Water/Wastewater Division has openings for two maintenance technicians
- The Street Division has an opening for a maintenance worker on the Concrete Crew
- The Water/Wastewater Division continues work on the water meter audit
 - Using four employees and one temporary employee full-time
 - Scheduled for completion by end of year

Recent Accomplishments

- Resolution in support of IH-20 Frontage Road Environmental Process
 - Passed to direct NCTCOG not to remove/reprogram funding for this critical project
 - Concurrent Economic Impact Analysis completed quantifying findings of economic, employment and tax revenue impacts of several options for action by the City of Duncanville, and how each option will benefit the City, Duncanville Independent School District, Dallas County, and the State of Texas
 - Next step is for staff to continue to work with TxDOT so they can schedule a Public Meeting to receive comments on the design followed by a Public Hearing and Environmental Assessment



Recent Accomplishments (Cont'd.)

- Resolution for Wintergreen Road/96" Water Line Extensions
 - Allows City to acquire right-of-way and any easements required for project within Duncanville
 - Dallas County to reimburse the City 50% of the fair market property value, or any amount agreed to by the Property Owners and the City, plus appraisal fees up to \$75,000
 - City staff negotiated with the City of Dallas the realignment of the proposed 96" water line extension to follow the new roadway alignment, mainly south of the Duncanville city limits, to better preserve creek bed and tree cover



Work Plan Status

- Objective 1.1 : Citywide Comprehensive Plan
- Objective 1.10 : Wintergreen Road Project
- Objective 4.4 : OPTICOM Installation
- Objective 4.5 : North Main Street Water Tank Improvements
- Objective 4.6 : Sidewalk Rehabilitation Project
- Objective 4.7 : Pipebursting Project
- Objective 4.10 : Flashing Yellow Arrow Signals
- Objective 4.14 : Street Condition Study
- Objective 4.15 : Redbird 4 Alley Reconstruction
- Objective 4.17 : Lodema Lane Wastewater Improvements
- Objective 4.20 : Lodema Lane Water Improvements
- Objective 5.8 : Creation of Development Checklist

HOW DO FLASHING YELLOW ARROWS WORK?

- STEADY RED ARROW**
No left turns allowed.
- STEADY YELLOW ARROW**
Prepare to stop.
- FLASHING YELLOW ARROW**
Turn left cautiously after yielding to oncoming traffic and pedestrians.
- STEADY GREEN ARROW**
Proceed with the left turn.

WHAT ARE THE BENEFITS?

- Less Wait Times:** Based on a citywide implementation study, the flashing yellow arrows reduce driver delay and wait time by as much as 28 percent. Flashing yellow arrows provide drivers with more left-turn opportunities than traditional left-turn signals. This reduces wait times and keeps traffic moving.
- Flexible Signal Timing:** The flashing yellow arrow provides more options to handle all types of traffic volume by adjusting the timing sequence throughout the day. For instance, traffic engineers can turn off the flashing yellow arrow during school zone hours.
- Environmentally-Friendly:** Research data shows that improved traffic flow at intersections with flashing yellow arrows results in a 10 percent reduction in fuel consumption and a 22 percent reduction in mobile emissions.



Quarterly Performance Indicators

• Water Pumped October	261,286,000
○ Water Pumped Last Fiscal Year	1,825,131,000
• Service laterals televised	5
• Sewer lateral stoppages cleared	22
• Water main breaks repaired	5
• Bags of litter collected from rights-of-way	318
• Preventative vehicle maintenance performed	94
• Work orders performed on fleet vehicles	93
• Drainage Headwalls Inspected	268
• Street Utility Cuts Repaired	32
• Certificates of Occupancy Issued	15
• Building Permits Issued (Commercial & Residential)	15
• Building Inspections Performed	156





Questions?