

Public Works Department

Land Surveying & Engineering

Overview Duties & Responsibilities,

Department Overview

The Land Surveying and Engineering Dept. has a total of two employees. The super. is a licensed professional land surveyor in the State of Colorado. His assistant has a degree in Civil Engineering Technology from the Univ. of Southern Colorado. Together, their combined experience totals over 50 years in a variety of land surveying and engineering tasks.

The Engineering Dept. exists to serve all other departments, providing support through design and field support in a variety of mapping, engineering and land surveying tasks.

We may be reached at 336-2279 or by e-mail at wiley.work@ci.lamar.co.us

Duties & Responsibilities

- To serve all other departments with a variety of concerns.
- Stake Grade of curb & gutter for the street department
- Grade support for the water dept for storm sewer installation.
- Design of drainage issues on streets.
- Provide mapping for all departments as well as the public.
- Write legal description for various land transfers
- Provide lotstake's for the public along with land survey plats.
- Support for the building department in checking plats for compliance with current subdivision regulations.
- Research Right-of-way and Easement issues.
- Engineering design for drainage concern from the public
- Check Addresses on new properties and some existing
- Check addresses on Sales Tax License
- Provide compaction testing when needed.
- Provide soil testing applications when needed
- Provide lotstakes for the general public for a fee—placing our city work a top priority.
- Compliance with State regulations for landfill compliance—monitor methane gas wells and provide landfill floor elevations and compaction testing per approved guidelines.
- Compliance with State regulations for water well data, to include latitude, longitude, elevations and mapping information.
- Post Public Notices
- Census data-annual boundary survey
- Research easements for Light & Power and Greeley Gas
- Collect information from Annual Bridge Inspection Report
- Provide aerial photo for council chamber and conference room
- Provide information and staking of lights and windsock, as well as the weather station at airport.

Major Accomplishments:

- o GPS locates and map of the following information within the City of Lamar: All curb & gutter, edges of pavement, fire hydrants, sanitary sewer manholes, visible water valves.
- o Develop map for the welcome center and chamber of commerce to provide to people wishing to visit Lamar.
- o Provide compaction testing for the Lamar Re-Powering Project
- o Provide design and staking and support of storm sewer, curb & curb ramps on Sixth St. Project.
- o Provide road data to state for HUTF funding.
- o Design Proposed new baseball 4-Plex for 2009 Cal Ripken World Series
- o Survey area for FEMA trailers in Holly.
- o Provide Traffic Control for snow operations.
- o Provide topographic data to Wright Water Engineers on Willow Creek
- o Provide Information to ARPA with route and mapping of proposed transmission line.
- o Computer-generated zoning map
- o State expansion of veterans cemetery at Fairmount Cemetery

Performance Measures:

	<u>*2007</u>
On-Time response to street dept. requests for grade stakes	100%
Contact person with questions within one day	90%
GPS Training	100%
AutoCad and Eagle Point computer training	50%
Keep up-to-date with state regulations for various tasks	100%

* Numbers are through September 30, 2007

Personnel Schedule

Classification	Current	New	Total
Engineering Supervisor	1.00	0.00	1.00
Engineering Tech II	1.00	0.00	1.00
TOTAL	2.00	0.00	2.00

Capital Outlay Schedule

Description	Amount
n/a	
Total	0.00

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Major Accomplishments, Performance Measures, Personnel & Capital Outlay Schedules