

Market Range Detail - Engineering Technician

Effective Date

July 22, 2009

Market Range Title Description

Positions in this market range perform a variety of technical engineering assignments, including drafting and land survey, of a routine to moderately complex nature requiring application of standard techniques and procedures. Scope and impact of unreviewed decision making is limited and narrowly focused.

Representative duties include, but are not limited to, performing a full range of drafting technician tasks including using computer aided design and drafting systems to prepare as-built drawings, construction drawings, plan profile sheets, and construction detail sheets; preparing right of way, easement, and property drawings; drafting topography from field survey notes; creating maps; preparing legal descriptions; calculating horizontal and vertical geometrics; preparing cost estimates, bid schedules, and quantities lists; performing a full range of survey aide and survey technician duties; maintaining, processing, and extracting data from various sources by following well-defined methods; plotting data and drawing graphs; operating and maintaining automated storm water sampling equipment; evaluating pavement surface conditions; collecting traffic data; reviewing and drafting routine signing, striping, and traffic control plans; assisting engineers and other technical staff in performing assignments. May be assisted by or lead less experienced technical staff.

Market Range

Minimum Hourly Rate	Midpoint / Hiring Maximum	Maximum Hourly Rate
\$14.85	\$20.38	\$25.91

Likely Minimum Qualifications

- Two years of college course work in engineering, engineering technology, technical computer-assisted drafting, land surveying, or in another related field relevant to area of assignment
- Two to three years of engineering technician, field survey, drafting work including experience with computer aided drafting, engineering design, or land surveying
- Other equivalent combinations of education and experience may be considered in substitution for the minimum qualifications

Glossary:

Market Range Title: Broad grouping of related positions with like job responsibilities and qualifications. Market Range Titles typically include positions ranging from entry level to senior/lead level unless indicated otherwise.

Effective date: The date the salary range was implemented for use.

Market Range Title Description: Broad description of sample job duties and responsibilities of positions included in the Market Range Title. Each position included in a Market Range Title also has a job description that is specific to the department. Departments are responsible for writing and maintaining job descriptions for positions in their department. Employee Compensation is responsible for writing and maintaining Market Range Title Descriptions.

Likely Minimum Qualifications: Typical minimum qualifications for positions assigned to the Market Range Title. Because a broad group of jobs in different departments are included in a Market Range Title, minimum and preferred qualifications may vary slightly depending on the area of assignment.

Market Range: The minimum, midpoint, and maximum salary points for all positions included in the Market Range Title.

Hiring Range: The hiring range for all positions is ordinarily the minimum of the market range to the midpoint. The use of a different hiring range must be approved by Employee Compensation. Departments should use a hiring range that is within their funding capabilities and are required to comply with the County's Funded Position Policy ensuring that applicants are extended a rate that is supported by the department's budget.

Working Title: The specific title used by a department to identify a position within their organizational structure. Use of working titles is flexible and aimed to assist departments in identifying the unique functions and responsibilities of each position and is representative of the assigned Market Range Title. Ordinarily, supervisory and/or managerial titles should not be used for positions not assigned to a supervisory and/or manager Market Range Title.