

Specification for Class of

PHOTOGRAMMETRY SUPERVISOR

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Definition: Supervises the Photogrammetric Mapping section of the Department of Natural Resources or the Department of Transportation.

Typical Work

Supervises photogrammetrists and other technical staff engaged in production of aerotriangulation, topographic and planimetric maps/data for Highway or Natural Resource Engineering, orthophoto production, digital terrain modelling, earthwork calculations, photogrammetric surveys, and GIS data development;

Assigns work, trains, counsels, and evaluates employees; recruits, interviews, tests, and recommends hiring of new employees; recommends corrective action and approves leave;

Establishes unit goals, objectives, and develops action plans; develops and negotiates production schedules and establishes priorities;

Develops, recommends, and implements policies and procedures for application of digital and conventional photogrammetric mapping;

Assists in the development and tracking of biennial operating budget for the photogrammetry unit;

Manages capital assets (photogrammetric instruments, computers, software, peripherals) including: negotiation and administration of software and hardware maintenance contracts; instrument repairs and alterations; software and hardware upgrades; instrument and computer acquisition and replacement;

Represents the unit/section/agency on various interagency and intraagency coordinating committees or task forces involving aerial photo or photogrammetric applications;

Coordinates with Department engineers, scientists, managers, and representatives of other federal, state, local agencies, private contractors and industry representatives regarding design,

planning, scheduling, and implementation of photogrammetric projects;

Assists Attorney General and serves as expert witness on aerial photographic and photogrammetric products/data/services; provides oral depositions, written affidavits, and court testimony in support of agency; produces aerial photographic or photogrammetric exhibits for use in court litigations;

Prepares or directs the preparation of a variety of correspondence, reports, summaries;

Provides counsel, guidance, and assistance to Department engineers and scientists, representatives of other state, federal or local agencies, civic groups, private firms, and the general public on aerial photo and photogrammetric matters;

May operate any and all photogrammetric instruments;

Performs other duties as required.

Knowledge and Abilities

Knowledge of: principles and practices of photogrammetric engineering; capabilities of photogrammetric instrumentation; geodetic and supplemental field control surveys; map projections and datums; capabilities and techniques of aerial photography and photolab operations; cartographic production; public land survey system; principles of supervision; principles of organization and management; departmental policies related to the work.

Ability to: review and analyze photogrammetric mapping and field survey data; coordinate and apply photogrammetric practices to specific engineering applications; plan, schedule, coordinate, and direct the work of others; operate photogrammetric instruments; speak and communicate effectively; represent the Department on technical photogrammetric matters.

Minimum Qualifications

Two years of experience as a Photogrammetrist 2 within the agency. (Experience in the former class of Photogrammetrist will substitute year-for-year for this required experience.)

OR

PHOTOGRAMMETRY SUPERVISOR

65480

Four years of experience performing professional photogrammetric tasks as a senior-level or project lead photogrammetrist.

Note: Ability to see stereoscopically and normal color perception is required.

New class: 5-21-73

Title change (formerly Photogrammetry Supervisor 1): 6-9-88

Revised definition, minimum qualifications and general revision:
12-10-93