

CLASSIFICATION SPECIFICATION

FLSA:	NEXP	Job Code:	ACV77776
Job Class Code:	140	Salary Schedule:	ANONREG
EEO Category:	02	Grade:	S8
Workers Comp Code:	9410		

Job Code Established:	04/23/84	Effective Date:	
Job Code Revised:	01/01/94	Effective Date:	

JOB CODE SERIES: Transportation Series

JOB CODE TITLE: TRANSPORTATION PHOTOGRAMMETRIST TEAM LEADER

HRIS TITLE: TR PHOTOGRAMMETRIST TM LDR

WORK DESCRIPTION: Directly supervises the production of topographic maps by the use of stereo compilation equipment; operates analytical photogrammetric equipment; operates stereoplottling equipment of the highest order of accuracy.

WORK ACTIVITIES: directs, instructs, explains and counsels subordinate workers in carrying out a variety of tasks.

Reviews work products or achievements of subordinate workers; evaluates work and formulates plans for improvement.

Codes data in preparation for data processing.

Corrects errors in computer output data, and resubmits to operations supervisor for a rerun.

Gathers data and supplies data for computer processing in order to receive precise calculations for detailed engineering drawings and maps.

Obtains reliable measurements from aerial survey photographs and engineering survey data.

Inspects and examines engineering project records, field notes, computations and other documentation to assure that methods of measurement and bases for payment are in accordance with projected trends, specifications, special projects and extra work orders.

Inspects aerial photographs for compliance with specifications.

Performs analytical aerotriangulation and reviews subordinate workers' output for accuracy and completeness.

Writes detailed reports based on research, analysis and evaluation of data pertaining to specific projects, conditions or proposals under study, involving application of expert or highly specialized knowledge, and recommendations for action to be taken or resolution of problems.

Performs related work as required.

WORK CONDITIONS: Close attention to detail for extended periods of time.

SUPERVISION: Works under the direction of the Transportation Photogrammetrist-Supervisor and exercises considerable independent judgment within well-defined program parameters, policies and procedures.

WORK RESULTS/PRODUCTS: Completed topographic maps and map manuscripts; flight plans and maps designating information required from survey crew and aerial photographer; computer printouts and diapositives with established control points indicated.

RESPONSIBILITY: Accuracy and completeness of input data (aerial photographs, survey notes, computer printouts); proper use and maintenance of analytical equipment with a high replacement cost; direct supervision of the staff assigned to the Photogrammetry Branch.

AUTHORITY: Insure all survey data and aerial photographs are in compliance with standards; researches and makes recommendations for additional equipment for work unit.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of: the methods and equipment used in producing topographic maps through the use of photogrammetric processes; methods used in computing and verifying horizontal and vertical ground control points based on field survey data; methods, procedures and equipment used in the design and development of photogrammetric input data, such as flight plans and aerial photographs; computer programs available for use in evaluating and adjusting elevation data.

Skill in: work management and work leadership; the adjustment, maintenance and operation of all mapping equipment assigned to the work unit; analyzing and interpreting aerial photographs and field survey data to ensure precision and accuracy of data; reading and interpreting aerial photographs and final map manuscripts produced by equipment of all orders to ensure compliance with standards.