

JOB CODE SPECIFICATION

FLSA:	NEXP	Job Code:	ACV34398
Job Class Code:	820	Salary Schedule:	ANONREG
EEO Category:	03	Grade:	S6
Workers Comp Code:	5506		

Job Code Established:	05/08/92	Effective Date:	
Job Code Revised:	06/21/05	Effective Date:	01/01/05

JOB CODE SERIES: Transportation Series

JOB CODE TITLE: TRANSPORTATION CONSTRUCTIN TECHNICIAN III

HRIS TITLE: TR CONST TECH III

CHARACTERISTICS OF THE JOB CODE: Works under general supervision of a project engineer or first-line supervisor and exercises some independent judgment within well established program parameters. Has authority to determine when project materials and procedures are not in compliance with agency specifications; determine appropriate surveying or material testing techniques to be used. Serves as a senior level technician performing a variety of journey level work related to highway construction activities. Activities include the inspection of minor construction items such as fence, grade, as sub grade materials; acting as survey party chief; performing a full range of laboratory tests on soils, aggregate, asphalt products, and other highway construction materials; or performing the most complex engineering office work; documents types and amount of materials used for each phase of construction.

Work product consists of completed work assignments within assigned area(s) of construction; completed documentation of all phases of assignments. Responsible for timely and accurate completion of assigned projects; proper use, operation, maintenance, and repair of assigned equipment.

EXAMPLES OF DUTIES: Individual positions may be responsible for some or all of the listed duties and/or other related duties. Inspects highway construction on an ongoing basis to assure compliance with contract and with state and federal standards, inspections and examinations are made of materials, surface conditions, proper tracking, structural features, and other relevant factors. 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 other extra work orders. Confers with construction engineers and contractors regarding construction in progress and its conformance to specifications and construction plans, answers questions, and resolves problems. Performs tests in laboratory on soil composition, surfacing material aggregates, oil and water content, embankment compaction, plant mix density, and other factors as required.

Consults manual, rulebook codes, or regulations in order to find exact required course of action, determination or authorization. Using survey instruments and equipment, performs location, strata, topographic, boundary, drainage, and other measurements as required in the construction of highways. Logs or records all work flowing into the work unit, processed, or flowing out, in order to have accurate history of work or work performed. Inspects sites on proposed highway facilities in order to review all factors relating to proposals and to confirm or verify data as presented. Draws maps showing vegetation patterns, from notes based on visual observation. Performs related work as required.

WORK CONDITIONS: Depending on area of assignment, may be exposed to extreme weather conditions; required to travel frequently and/or required to lift heavy materials; subject to hazards of moving traffic when working in construction areas.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of: Methods, procedures, and techniques used in highway construction project inspection, survey, materials testing, and documentation; federal, state statutes and agency standards, policies, and procedures applicable to the area(s) of assignment; approved record keeping and documentation methods, procedures, and techniques; materials and equipment used for highway construction purposes; principles

and practices of office engineering, drafting, inspection, and mathematical calculations used in construction and land surveying.

Skill/Ability to: Operate and maintaining of a variety of construction, survey, materials testing, and quality control equipment; analyzing and evaluating a wide variety of technical engineering data, including construction plans, field survey and quality control documentation, and completed material test results; interpreting and implementing standards; policies, procedures, and regulations applicable to the area of assignment; interpersonal relations, as applied to contacts with contractors, representatives of other governmental agencies, and other agency employees; verbal and written communications.

SPECIAL SELECTION FACTORS: A medical/physical evaluation is required prior to appointment.