NEW AUG 0 1997

OHIO CLASSIFICATION SPECIFICATION *Developed for Equal Opportunity*	CLASS TITLE: Design Engineer 1	CODE: 85421C
	MAJOR AGENCIES: County Offices, Universities	JURISDICTION: County, Univ.

FUNCTION: Under general supervision of engineer supervisor, supervises technicians involved in design work; assists in policy & criterion development; reviews final plans & suggests basic design changes; performs field work to verify, revise &/or collect data for projects;

-PERFORMS RELATED DUTIES AS REQUIRED

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1	19-39	Designs projects (e.g., lighting, minor road or roadside construction) or re-designs projects to conform to all design criteria; processes change orders & design details not covered by standard drawings; lays out vertical & horizontal curves on construction plans.	Knowledge of (1) supervisory techniques, (2) public relations*, (3) office practices*, (4) governmnet structure*, (5) electrical &/or civil engineering; ability to (6) understand practical field of study, (7) use algebra & trigonometry, (8) write contract specifications, (9) establish friendly work atmosphere.
2	18-38	Supervises design squad, coordinates work flow & assists supervisor as needed (e.g., recommends actions, attends meetings, seminars, etc.); writes project proposals, contract specifications, technical reports, assists in formulation of design criteria, policies & procedures; consults with contractors, local &/or other agency officials on plans, design criteria, etc.	Knowledge of 1, 2*, 3*, 4*, 5; ability to 6, 7, 8, 9, (10) understand technical manuals & instructions.
3	16-36	Instructs trainees in methods & procedures to complete or review plans; reviews &/or supervises review of preliminary or final plans to insure conformity to design criteria (including work distribution & duty assignment); maintains computer programs for plans & designs; monitors project progress & analyzes data.	Knowledge of 1, 2*, 3*, 4*, 5; ability to 6, 7, 8, 9, 10.

(1227)

1231-7-17

*Developed after employment

UNUSUAL WORKING CONDITIONS:	MINIMUM CLASS REQUIREMENTS: *(including license, if any.)*	TRAINING & DEVELOPMENT:

OHIO
CLASSIFICATION
SPECIFICATION
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NEW AUG 0 1987

CLASS TITLE: Design Engineer 1

CODE: 85421C

MAJOR AGENCIES: County Offices, Universities

JURISDICTION: County, Univ.

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
4	7-27	Works in field, checking survey data, reviewing plans, collecting data & revising projects; acts as liaison or coordinator on projects which overlap bureaus; meets with public to answer questions (e.g., landowners, city or county officials); assists in preparation for such meetings.	Knowledge of 1, 2*, 3*, 4*, 5; ability to 6, 7, 8, 9, 10.

(1228)

123:1-7-17

*Developed after employment

MINIMUM CLASS REQUIREMENTS: *(including license, if any.)*