NEW AUG 0 2 1987

OHIO CLASSIFICATION SPECIFICATION *Developed for Equal Opportunity*	CLASS TITLE: Engineering Aide 1	CODE: 84311C
	MAJOR AGENCIES: County Offices, Uninversities	JURISDICTION: Cnty., Univ.

FUNCTION: Under direct supervision from survey technician or other supervisor, holds chain, tape or rod on survey crew for all phases of highway survey work; sets stakes, clears brush, locates pins, finds tile, uses right angle prism, carries & maintains equipment; assists with level &/or transit; takes survey notes &/or performs computations; -PERFORMS RELATED DUTIES AS REQUIRED

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1	52-72	Holds chain, tape or rod on highway surveys, relocations & construction sites; flags traffic; assists with level &/or transit; takes survey notes & assists with necessary computations.	Knowledge of (1) safety practices*, (2) surveying*; skill in (3) use of surveying equipment*; ability to (4) carry out instructions, (5) calculate fractions, decimals & percentages, (6) use algebra, geometry & trigonometry*, (7) complete routine forms, (8) arrange items in numerical or alphabetical order, (9) cooperate with co-workers on group projects, (10) demonstrate physical fitness & agility.
2	28-48	Sets line stakes & grade stakes; clears brush from geodetic monuments & from line of sight; locates iron pins & sets up target flag points; measures distance of drainage tiles to centerline of survey; stocks vehicles with necessary supplies; carries & maintains equipment; obtains information from property owners.	Knowledge of 1, 2*, (11) public relations*; skill in 3*, (12) maintenance of surveying equipment*; ability to 4, 5, 6*, 9, 10, (13) handle inquiries from general public & obtain necessary information.

(1152)

123:1-7-17

*Developed after employment

UNUSUAL WORKING CONDITIONS:	MINIMUM CLASS REQUIREMENTS: *(including license, if any.)*	TRAINING & DEVELOPMENT:
Exposed to construction, traffic, dust, dirt, water, smoke, adverse weather, hazardous terrain, insects, noise, sewer, odors.	Ability to calculate fractions, decimals & percentages & to read & write common vocabulary.	

CLASS TITLE	CODE: