

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Soil Scientist 2		Class Code: 0011A2
	FLSA Status: Exempt	Salary Schedule: PAT 2	Effective Date: 6-27-14
	Summary Incumbent serves as the senior level in a field location with the Division of Soil Conservation providing soil and water resource-related technical assistance to agricultural and urban land users within a regional team.		

Duties:

- Prepares the design and completes engineering field layout of erosion and sediment control practices;
- Meets with land users to encourage continued pursuit of conservation efforts, installation of planned practices, and proper maintenance of previously applied practices;
- Prepares time and progress reports and maintains field office records of ongoing projects;
- Coordinates the efforts of Resource Specialists to ensure that technical assistance requests are being adequately serviced;
- Works closely with the regional partners to efficiently accomplish workload throughout the regional team;
- Performs related duties as required.

Requirements:

- Advanced knowledge of soil and water conservation theories, principles, techniques and practices.
- Expertise in the design, application, installation and maintenance of those practices;
- Specialized knowledge of modern agriculture methods;
- Advanced knowledge in reading, interpreting and drafting engineering plans and specifications;
- Advanced knowledge in surveying, computer-aided engineering design and layout of conservation practices;
- Effectively communicate, both orally and in writing;
- Ability to maintain a valid driver's license.

Difficulty of Work:

Incumbent follows generally accepted guidelines for soil and water conservation, which are broad and require interpretation and judgement for each site-specific situation. Judgement is required in developing alternative solutions to erosion problems having many complex and significant variables. Judgement is also required in developing accurate cost estimates for those solutions. Incumbent works independently on a daily basis with projects in various locations. The work is non-routine due to project site-specific variables and is randomly reviewed for completeness and accuracy.

Responsibility:

Incumbent's decisions and actions relative to erosion and sediment control practice recommendations have an impact on landusers, accuracy must be maintained at all times. Errors can cause economic loss, property damage, and potential public endangerment in some projects. The incumbent is assigned engineering job approval authority based on demonstrated knowledge, skills and experience with various practices

Incumbent is responsible to the Division's Resource Specialist Team Leader, who provides direct guidance for resolving problems. All work must be in compliance with proven engineering standards and specifications. Incumbent is responsible for scheduling and setting work priorities, interpreting and applying agency policy and guidelines and performing all duties in an accurate, ethical, and courteous manner.

Personal Work Relationships:

Incumbent is in frequent contact with landusers, employees of other agencies and the general public. Recommendations made by incumbent for soil and water conservation practices may include solutions that could be a source of conflict between affected landusers. Incumbent must have the ability to lead discussion in such a way as to achieve consensus among differing points of view while remaining impartial and factual in such situations. Incumbent must be capable of working closely with subordinates on a daily basis.

Working Conditions:

Incumbent must work outdoors under all types of weather and terrain conditions while carrying common surveying equipment part of the time and works in an office environment part of the time. Incumbent is expected to utilize office technology to efficiently perform assigned work. Extensive travel in the incumbent's assigned area is expected and less frequent travel outside the assigned area will occur. Incumbent may be expected to attend occasional night meetings in assigned area.