BPS
Burton Planning Services

LOCATION
Statewide, Ohio

TASKS
Backhoe Course Development

Dump Truck Course Development

Grader Course Development

Loader Course Development

HIGHLIGHTS
Identified learning objectives & prepared content

Adapted sections of in-person training materials for web-based delivery

Designed animated graphics

Designed courses & created knowledge checks

Developed courses & published in Storyline

PROJECT DESCRIPTION
Heavy construction equipment is fundamental for building and maintaining a world-class highway system. The Ohio Department of Transportation (ODOT) implements a Federal Highway Administration (FHWA)'s On-the-Job Training Program, which prioritizes training opportunities to increase participation of women, minorities, and disadvantaged persons in the industry.

BPS developed four eLearning training courses:

1) Backhoe Course
2) Dump Truck Course
3) Grader Course
4) Loader Course

The courses aim to educate people, particularly novice learners, on the proper operation of heavy construction equipment, safety procedures, and inspections. These courses are also intended as preparation for the required field testing.

The final E-L learning courses were designed in Articulate Storyline 360 to be both aesthetically appealing and user-friendly. Each course was also designed to accommodate a variety of different users by including audio, transcripts, and interactive media.