

TDOT DESIGN TRAINING TRACK

Section	Course Name	Offered by	Number of Days	Cost	Description	Link
Roadway Design	Contract Plans Reading/Interactive Plans Reading Tutorial	TDOT- Online	0.5	Free	Describes everything shown on each sheet of a set of TDOT Construction plans. First link is a manual, second link is an interactive PDF. The third link will open the main page of the learning network. Click on "Content Library" and then search "Contract Plans Reading" for the class modules.	Link1 Link2 Link3
	Design of At-Grade Intersections	TTAP	1	\$120	Introduces participants to the key concepts procedures and standards involved in the Design of At-Grade Intersections.	Link
	Design of Modern Roundabouts	TTAP	1	\$120	The primary purpose of this course is to increase the understanding and awareness of the many advantages of roundabouts, and thereby to increase their popularity and usage.	Link
	Geometric Design for 2-Lane Roads and Streets	TTAP	1	\$120	A basic overview of the design of two-lane roads.	Link
	GEOPAK Road	TDOT- Online	4	Free	Self-paced introduction to using MicroStation to design a road to TDOT standards. Includes course manual and class files.	Link
	MicroStation	TDOT- Online	1.5	Free	Self-paced introduction to MicroStation. Includes course manual and class files.	Link
	Reducing Rural Roadway Departures	FHWA	0.5	Free	Webinar presenting safety countermeasures proven to help keep vehicles in their travel lane on rural roads and reduce the incidence and severity of departure crashes.	Link
	Roadside Safety Design	NHI	3	\$450	Provides an overview of the AASHTO Roadside Design Guide. Course number FHWA-NHI-380032A.	Link
	Roadway Design Manual	TDOT- Online	3	Free	Self-paced class which works through a simple example design project. Includes course manual and class files.	Link
Drainage Design	Culvert Design	NHI	3	\$910	This class provides a in-depth hands-on understanding of the procedures of hydraulically sizing and designing a highway culvert. Course number FHWA-NHI-135056. Prerequisites: Highway Hydrology and Hydraulic Toolbox.	Link
	GEOPAK Drainage	TDOT- Online	2	Free	Course manual for students to work through at their own pace. Class files can also be downloaded at the link.	Link
	Highway Hydrology: Basic Concepts and Methods	NHI-Web based	2 hours	Free	This class reviews basic hydrologic concepts as a prerequisite to more advanced hydraulic courses. Course number FHWA-NHI-135092.	Link
	Hydraulic Toolbox	NHI-Web based	3 hours	Free	Offers various methods for calculating and analyzing a variety of problems frequently encountered in roadway drainage. Course number FHWA-NHI-135093.	Link
	Introduction to Highway Hydraulics	NHI	3	\$780	This class provides a broad overview of basic highway drainage concepts. Course number FHWA-NHI-135065.	Link
	Urban Drainage Design	NHI	3	\$760	This class provides a guidance for the solving of basic problems in urban roadway drainage design. Course number FHWA-NHI-135027. Prerequisites: Hydraulic Toolbox and Highway Hydrology.	Link
EPSC	EPSC - Level 1	TDOT		Free	Builds a solid working knowledge of erosion and sedimentation processes and practices. Required every three years.	Link
Traffic Control	Advanced Work Zone Design and Operations	TTAP	2	\$275	Provides participants with information on the safest and most efficient work zone traffic controls.	Link
Multimodal Design	Design for Pedestrians in the ROW	TTAP	2			
	FHWA Pedestrian and Bicycle Focus Webinar Series	FHWA	2	Free	Series of webinars focused on design for pedestrian and cyclist users.	Link
	Pedestrian Safety Action Plan Webinar Series	FHWA	2	Free	Series of webinars focused on pedestrian and cyclist safety.	Link
	Pedestrian Sidewalk Design	Consultant	Under development	?	Under development	
	STEP: Safe Transportation for Every Pedestrian	FHWA	0.5	Free	Webinar presenting the cost-effective application of safety countermeasures to reduce pedestrian fatalities at uncontrolled and signalized crossings.	Link