

Construction

TITLE	EDN COMP			COURSE TITLE	HOURS	PDH
TC3CN001	15	T1		Daily Diary Basics	1	●
TC3CN002	15	T1		GPS Technology	1	●
TC3CN003	16	T1		PCC Pavement Construction Series	●	6
TC3CN004	15	T1		PCC Paving Inspection	●	5
TC3CN005	15	T1		HMA Paving Field Inspection	●	4.5
TC3CN006	16	T1		Bolted Connections	●	4
TC3CN007	15	T1		Surveying: Construction Basics	●	3
TC3CN008	15	T1		Plan Reading Series	●	8
TC3CN009	15	T1		Plan Reading: Basics	●	1
TC3CN010	15	T1		Plan Reading: Grading Plans	●	1.5
TC3CN011	15	T1		Plan Reading: Traffic Control Plans	●	0.5
TC3CN012	15	T1		Plan Reading: Erosion and Sediment Control Plans	●	0.5
TC3CN013	15	T1		Plan Reading: Right-of-Way Plans	●	1
TC3CN014	15	T1		Plan Reading: County Plans	●	1
TC3CN015	15	T1		Plan Reading: Bridge Plans	●	1.5
TC3CN016	15	T1		Plan Reading: Culvert Plans	●	1.5
TC3CN017	15	T1		Roller Compacted Concrete Pavements	●	6
TC3CN018	15	T1		Pipe Installation, Inspection, and Quality	●	7
TC3CN019	15	T1		Change Orders, Claims, and Dispute Resolutions	●	1
TC3CN020	15	T1		Earthwork Series	●	13
TC3CN021	15	T1		Earthwork: Earth Materials as Engineering Materials	●	1.5
TC3CN022	15	T1		Earthwork: Site Preparation	●	1.5
TC3CN023	15	T1		Earthwork: Grades and Grading	●	3
TC3CN024	15	T1		Earthwork: Excavation	●	3
TC3CN025	15	T1		Earthwork: Fill Placement	●	4
TC3CN026	15	T1		Hot In-Place Recycling	●	2.5
TC3CN027	16	T1		MSE Walls	●	5
TC3CN028	16	T1		Pile Driving Inspector Tutorial	●	4
TC3CN029	16	T1		Drilled Shaft Inspector Tutorial	●	4
TC3CN030	16	T1		PCC Pavement Construction: Production	●	2.5
TC3CN031	16	T1		PCC Pavement Construction: Paving Process	●	2.5
TC3CN032	16	T1		PCC Pavement Construction: Curing, Sawing, and Joint Sealing	●	1
TC3CN033	16	T1		Rockfall Stabilization	●	4
TC3CN039	16	T1		Construction Stormwater Field Guide Training	●	5
TC3CN040	16	T1		Trenchless Technology	●	5.5
TC3CN041	16	T1		Guardrail Basics	●	2
TC3CN042	17	T1		Guardrail: Installation and Inspection	●	2.5
TC3CN043	17	T1		Materials Testing for Inspectors	●	5
TC3CN044	16	T1		e-Construction Introduction	●	2
TC3CN049	17	T1		High Friction Surfaces Best Practices	●	3
TC3CN050	17	T1		Critical Path Method (CPM) Scheduling	●	2
TC3CN051	17	T1		Critical Path Method (CPM) Schedule Management	●	3
TC3CN052	17	T1		Erosion and Sediment Control	●	3.5
TC3CN053	17	T1		Structure Inspection: Subsurface	●	4.5
TC3CN054	17	T1		Structure Inspection: Substructures	●	3
TC3CN055	17	T1		Structure Inspection: Superstructures	●	6
TC3CN056	18	T1		Field Environmental Emergency Compliance	●	1
TC3CN057	18	T1		Clean Water Act Compliance During Construction (Section 404)	●	1.5
TC3CN058	18	T1		Hazardous Materials Management: Introduction to the Initial Site Assessment (ISA) Process	●	1

Construction – Cont.

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3CN059	18	T1	Hazardous Materials Management: Regulatory and Legal Issues	●	1
TC3CN060	18	T1	Hazardous Materials Management: Defining Site Assessments	0.5	●
TC3CN061	18	T1	Hazardous Materials Management: Completing (ISA) Report Scoping Process	●	1
TC3CN062	18	T1	Hazardous Materials Management: Land Use Concerns	●	2
TC3CN063	18	T1	Hazardous Materials Management: Using Regulatory Agency Databases	●	1
TC3CN064	18	T1	Hazardous Materials Management: Conducting Field Interviews	●	1
TC3CN065	18	T1	Hazardous Materials Management: Preparing NEPA Documentation	●	1
TC3CN066	18	T1	Hazardous Materials Management: Preparing Recommendation and Action Plans	●	1
TC3CN067	18	T1	NEPA Indirect and Cumulative Impact Analysis	●	2
TC3CN068	18	T1	NEPA Overview: Determining Transportation Needs	●	1
TC3CN069	18	T1	NEPA Overview: Evaluating Sub-Regional and Local Transportation Needs	●	1
TC3CN070	18	T1	NEPA Overview: Launching a Project	●	1
TC3CN071	18	T1	NEPA Overview: Refining Alternatives	●	1
TC3CN072	18	T1	NEPA Overview: Preparing and Reviewing NEPA Documents	●	1
TC3CN073	18	T1	NEPA Overview: Final Stages and Re-evaluation	●	1
TC3CN074	18	T1	Revegetation During Construction	●	1.5
TC3CN075	18	T1	Environmental Predecessors: Air Quality	●	1
TC3CN076	18	T1	Environmental Predecessors: Archaeology	●	1
TC3CN078	18	T1	Environmental Predecessors: Noise	●	1
TC3CN079	18	T1	Warm Mix Asphalt	●	2
TC3CN080	18	T1	Environmental Triggers: Air Quality Impacts	●	0.5
TC3CN081	18	T1	Environmental Triggers: Archaeological	●	0.5
TC3CN082	18	T1	Environmental Triggers: Biological Resources	●	0.5
TC3CN084	18	T1	Environmental Triggers: Hazardous Materials	●	1
TC3CN085	18	T1	Environmental Triggers: Noise Assessment	●	0.5
TC3CN086	18	T1	Environmental Triggers: Water Resources	●	1
TC3CN087	18	T1	Intelligent Compaction	●	2
TC3CN088	18	T1	Inspection of Concrete Pavement Repair, Jointed and CRCP	●	2.5
TC3CN089	18	T1	Micropile (Small Diameter Piling)	●	3.5
TC3CN090	18	T1	Inspector Orientation	●	1.5
TC3CN091	18	T1	Pavement Markings	●	3.5
TC3CN092	18	T1	Shop Drawings	●	1
TC3CN093	20	T1	Installation and Inspection of Precast Pavement Systems	●	2.5
TC3CN094	21	T1	Digital Construction	●	3
TC3CN095	21	T1	Fundamentals of Bicycle Infrastructure	●	4
TC3CN096	21	T1	Hydrodemolition for Bridge Deck Rehabilitation	●	2.5
TC3CN097	18	T1	Corrosion of Structures	●	2
TC3CN098	19	T1	Introduction to GIS Mapping	●	2
TC3CN099	21	T1	Fundamentals of UHPC for Structures	●	3
TC3CN100	22	T1	Drainage Impacts of Highway Construction	●	3

Employee Development

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3ED001	15	T1	Ethics Awareness (3.5 PDH)	●	3.5
TC3ED002	15	T1	Math Module (6 hours)	6	●
TC3ED003	15	T1	Transportation Asset Management Overview	●	2
TC3ED004	17	T1	Math Basics: Introductory Math Concepts	3.5	●
TC3ED005	19	T1	Math Basics for Maintenance Technicians	●	1.5
TC3ED006	19	T1	Math Basics for Construction Inspectors	●	1
TC3ED007	19	T1	Math Basics for Materials Technicians	●	3
TC3ED008	17	T1	Math Basics: Arithmetic	0.5	●
TC3ED009	17	T1	Math Basics: Order of Operations	0.25	●
TC3ED010	17	T1	Math Basics: Fractions	0.5	●
TC3ED011	17	T1	Math Basics: Decimals	0.5	●
TC3ED012	17	T1	Math Basics: Percentages	0.25	●

Employee Development – Cont.

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3ED013	17	T1	Math Basics: Ratios	0.25	●
TC3ED014	17	T1	Math Basics: Unit Conversions	0.25	●
TC3ED015	17	T1	Math Basics: Mean	0.25	●
TC3ED016	17	T1	Math Basics: Area	0.25	●
TC3ED017	17	T1	Math Basics: Volume	0.25	●
TC3ED018	17	T1	Math Basics: Slope	0.25	●
TC3ED019	18	T1	Instructor Preparation	●	3
TC3ED020	18	T1	Ethics for Engineers	●	3

Maintenance

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3MN001	15	T1	PCC Preservation Series	●	12
TC3MN002	15	T1	PCC Preservation: Preventive Maintenance and Pavement Preservation Concepts	●	1
TC3MN003	15	T1	PCC Preservation: Concrete Pavement Evaluation	●	2
TC3MN004	15	T1	PCC Preservation: Slab Stabilization and Slab Jacking	●	1
TC3MN005	15	T1	PCC Preservation: Partial-Depth Repairs	●	1
TC3MN006	15	T1	PCC Preservation: Full-Depth Repairs	●	2
TC3MN007	15	T1	PCC Preservation: Retrofitted Edge Drains	●	1
TC3MN008	15	T1	PCC Preservation: Dowel Bar Retrofit	●	1
TC3MN009	15	T1	PCC Preservation: Diamond Grinding and Grooving	●	1
TC3MN010	15	T1	PCC Preservation: Joint Resealing and Crack Sealing	●	1
TC3MN011	15	T1	PCC Preservation: Strategy Selection	●	1
TC3MN012	15	T1	Roadside Weed Recognition	●	1
TC3MN013	15	T1	Cold In-Place Recycling (CIR)	●	4
TC3MN014	16	T1	Maintenance Training Series	●	12
TC3MN015	16	T1	Maintenance Training: Pavement Preservation Program	●	1
TC3MN016	16	T1	Maintenance Training: Shaping and Shoulders	●	1.5
TC3MN017	16	T1	Maintenance Training: Thin HMA Overlays and Leveling	●	1.5
TC3MN018	16	T1	Maintenance Training: Base and Subbase Stabilization and Repair	●	1
TC3MN019	16	T1	Maintenance Training: Roadway Drainage	●	1
TC3MN020	16	T1	Maintenance Training: Outdoor Advertising	●	1
TC3MN021	16	T1	Maintenance Training: Roadside Vegetation Management	●	1
TC3MN022	16	T1	Maintenance Training: Weather-Related Operations	●	1
TC3MN023	16	T1	Maintenance Training: Basics of Work Zone Traffic Control	●	1
TC3MN024	16	T1	Maintenance Training: Underground Storage Tanks	●	1
TC3MN025	16	T1	Maintenance Training: Cultural and Historic Preservation	●	1
TC3MN026	15	T1	PCC Preservation: Concrete Overlays	●	2
TC3MN027	16	T1	Full-Depth Reclamation (FDR)	●	4.5
TC3MN028	16	T1	Maintenance Stormwater Field Guide Training	●	3
TC3MN029	16	T1	Guardrail: Maintenance and Repair	●	1.5
TC3MN032	17	T1	Structure Inspection: Rehabilitation and Maintenance	●	5
TC3MN033	17	T1	State Fleet Operations: Preventative Maintenance	●	3.5
TC3MN034	18	T1	Fleet Management: Benchmarking and Best Practices	●	2.5
TC3MN035	19	T1	Establishing Core Equipment Complements and the Optimal Sizing of State Equipment Fleets	●	3
TC3MN036	19	T1	Bridge Preservation Guide	●	1.5
TC3MN037	19	T1	Bridge Cleaning	●	1
TC3MN038	19	T1	Thin-Polymer Bridge Deck Overlay Systems	●	1
TC3MN039	19	T1	Removal and Replacement of Bridge Coatings	●	1
TC3MN040	19	T1	Maintenance and Tort Liability	●	1.5
TC3MN041	20	T1	Utilization Management Concepts for State DOT Equipment Fleets	●	2.5
TC3MN042	20	T1	Concrete Bridge Deck Patching	●	1
TC3MN043	20	T1	Spot, Zone, and Overcoating Existing Bridge Coatings	●	1.5
TC3MN044	20	T1	Repair of Bridge Concrete Substructure Elements	●	1
TC3MN045	21	T1	Equipment Specifications – Concepts and Tools for State Equipment Fleets	●	3.5

Maintenance – Cont.

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3MN047	22	T1	Maintenance for Rock Slopes and Rock Slope Repairs	●	3
TC3MN49	22	T1	Maintenance and Repair of Bridge Bearings	●	1
TC3MN50	22	T1	State Procurement and Disposal – Concepts for State DOT Equipment Fleet	●	3

Materials

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3MS001	15	T1	Highway and Structure Construction: Basic Materials	●	3
TC3MS002	15	T1	PCC Series	●	12
TC3MS003	15	T1	PCC: Design of Pavement	●	1
TC3MS004	15	T1	PCC: Hardened Concrete Properties – Durability	●	1
TC3MS005	15	T1	PCC: Material Fundamentals	●	2
TC3MS006	15	T1	PCC: Incompatibility in Concrete Pavement Systems	●	1
TC3MS007	15	T1	PCC: Mix Design Principles	●	1
TC3MS008	15	T1	PCC: Early Age Cracking	●	1
TC3MS009	15	T1	PCC: Basics of Cement Hydration	●	1
TC3MS010	15	T1	PCC: Fresh Properties	●	1
TC3MS011	15	T1	PCC: Construction	●	1
TC3MS012	15	T1	PCC: QCQA	●	1
TC3MS013	15	T1	PCC: Troubleshooting	●	1
TC3MS014	15	T1	Testing Self-Consolidating Concrete	●	1
TC3MS015	15	T1	Advanced Self-Consolidating Concrete	●	1.5
TC3MS016	15	T1	Superpave Mix Design Process and Analysis	●	2
TC3MS017	15	T1	Superpave for Construction	●	3.5
TC3MS018	15	T1	Aggregate Sampling Basics	1	●
TC3MS019	15	T1	Materials Testing: Reducing Aggregate Samples	1	●
TC3MS020	15	T1	AASHTO Designation: T 308	●	2
TC3MS021	16	T1	Geosynthetic Materials: Fundamentals	●	4
TC3MS022	16	T1	AASHTO Designation: T 312	●	2
TC3MS024	17	T1	AASHTO Designation: T 209	●	2
TC3MS025	17	T1	AASHTO Designation: T 283	●	2
TC3MS026	18	T1	Compaction Technician Basics	●	1
TC3MS027	18	T1	Quality Management System	●	2.5
TC3MS028	18	T1	AASHTO Designation: T 30	●	1
TC3MS029	18	T1	AASHTO Designation: T 166	●	1
TC3MS030	19	T1	Introduction to Concrete	●	0.5
TC3MS031	19	T1	AASHTO Designation: R 60	●	0.5
TC3MS032	19	T1	AASHTO Designation: T 309	●	0.5
TC3MS033	19	T1	AASHTO Designation: T 119	●	0.5
TC3MS034	19	T1	AASHTO Designation: T 121	●	1
TC3MS035	19	T1	AASHTO Designation: T 152	●	0.5
TC3MS036	19	T1	AASHTO Designation: T 23	●	0.5
TC3MS037	20	T1	Plant Production of Asphalt Mix	●	3
TC3MS038	19	T1	Quality and Durability Issues Related to Cold Weather Concreting	●	1.5
TC3MS039	19	T1	AASHTO Designation: R 47	●	1
TC3MS040	19	T1	AASHTO Designation: R 66	●	0.5
TC3MS041	19	T1	AASHTO Designation: R 97	●	0.5
TC3MS042	19	T1	AASHTO Designation: T 310	●	0.5
TC3MS043	19	T1	AASHTO Designation: T 355	●	0.5
TC3MS044	20	T1	Quality Assurance Concepts	●	1.5

Materials – Cont.

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3MS045	19	T1	QA: Introduction to Quality Assurance Programs	●	1
TC3MS046	19	T1	QA: Introduction to Quality Assurance Specifications	●	1
TC3MS047	19	T1	QA: Introduction to Variability	●	0.5
TC3MS048	19	T1	QA: Collecting Data Through Sampling	●	1
TC3MS049	19	T1	QA: Frequency Tables and Histograms	●	0.5
TC3MS050	20	T1	QA: Calculating Statistical Values to Analyze Data	●	1
TC3MS051	20	T1	QA: Quality Measures	●	1
TC3MS052	20	T1	QA: Basic Statistical and Probability Concepts	●	1
TC3MS053	20	T1	QA: Normal Distribution (The Normal Curve) and Related Calculations	●	1
TC3MS054	20	T1	QA: Measuring Variability and Understanding Its Sources	●	0.5
TC3MS055	20	T1	QA: Quality Control - Using Control Charts	●	1.5
TC3MS056	20	T1	QA: Acceptance Plans	●	1
TC3MS057	20	T1	QA: Pay Factors	●	0.5
TC3MS058	20	T1	QA: Verification and Materials Testing Dispute Resolution	●	2
TC3MS059	20	T1	QA: Independent Assurance and Qualification Programs	●	1
TC3MS060	20	T1	QA: Implementing a QA Program at Your Agency	●	0.5
TC3MS061	20	T1	Random Sampling of Construction Materials	●	1
TC3MS062	20	T1	Fundamentals of Sampling and Testing Soils	●	3.5
TC3MS063	21	T1	Hot-dip Galvanized Steel for Highway Transportation	●	4
TC3MS064	21	T1	Reinforcing Steel for Structures	●	2.5
TC3MS065	21	T1	AASHTO Designation T 176	●	1.5
TC3MS066	21	T1	AASHTO Designation T 304	●	1.5

Pavement Preservation

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3PP001	15	T1	Chip Seal Best Practices	●	3
TC3PP002	16	T1	Flexible Pavement Preservation Treatment Series	●	14
TC3PP003	16	T1	Flexible Pavement Preservation Treatment: Introduction	●	1
TC3PP004	16	T1	Flexible Pavement Preservation Treatment: Materials	●	2
TC3PP005	16	T1	Flexible Pavement Preservation Treatment: Crack Sealing and Fillings	●	1.5
TC3PP006	16	T1	Flexible Pavement Preservation Treatment: Localized Pavement Repairs	●	1.5
TC3PP007	16	T1	Flexible Pavement Preservation Treatment: Chip Seals	●	1.5
TC3PP008	16	T1	Flexible Pavement Preservation Treatment: Fog Seals	●	1
TC3PP009	16	T1	Flexible Pavement Preservation Treatment: Slurry Seals	●	1.5
TC3PP010	16	T1	Flexible Pavement Preservation Treatment: Micro-Surfacing	●	1.5
TC3PP011	16	T1	Flexible Pavement Preservation Treatment: Thin Functional HMA Overlay	●	2
TC3PP012	16	T1	Flexible Pavement Preservation Treatment: Ultra Thin HMA Bonded Wearing	●	1
TC3PP013	16	T1	Flexible Pavement Preservation Treatment: Selecting the Right Treatment	●	0.5

Traffic and Safety

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3TS001	15	T1	Safety Orientation	●	2
TC3TS002	15	T1	Safe Use of Hand and Power Operated Tools	1	●
TC3TS003	15	T1	Safe Use of Basic Carpentry Tools	3	●
TC3TS004	15	T1	CDL General Knowledge	3	●
TC3TS005	15	T1	CDL Air Brakes	1.5	●
TC3TS006	15	T1	CDL Pre-Trip Inspection	2	●
TC3TS007	15	T1	Personal Protective Equipment (PPE)	●	1
TC3TS008	15	T1	High Visibility Garments	●	1
TC3TS009	15	T1	Maintenance of Traffic for Technicians	5	●
TC3TS010	15	T1	Maintenance of Traffic for Supervisors	●	5
TC3TS011	15	T1	Flagger Training	1	●
TC3TS012	15	T1	Inspection Safety for Bridge Construction	●	1

Traffic and Safety – Cont.

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3TS013	15	T1	Job Hazard Analysis	●	2
TC3TS014	15	T1	Maintenance of Drainage Features for Safety	●	1
TC3TS015	16	T1	Bloodborne Pathogens (BBP) Training	●	1
TC3TS016	19	T1	Construction Safety: Recognition and Avoidance of Unsafe Conditions	●	0.5
TC3TS017	19	T1	Construction Safety: Personal Protective Equipment	●	1
TC3TS018	19	T1	Construction Safety: Electrical Safety	●	0.5
TC3TS019	19	T1	Construction Safety: Scaffolding Safety	●	0.5
TC3TS020	19	T1	Construction Safety: Fall Protection	●	1
TC3TS021	19	T1	Construction Safety: Material and Personnel Hoists	●	1
TC3TS022	19	T1	Construction Safety: Earthmoving Equipment and Motor Vehicles	●	0.5
TC3TS023	19	T1	Construction Safety: Excavation and Trenching	●	0.5
TC3TS024	19	T1	Construction Safety: Barges	●	0.5
TC3TS025	19	T1	Construction Safety: Demolition of Structures	●	1
TC3TS026	20	T1	Construction Safety: Cranes Safety	●	0.5
TC3TS027	20	T1	Construction Safety: Concrete and Masonry Construction	●	1
TC3TS028	20	T1	Construction Safety: Working Safely in Work Zones	●	1
TC3TS029	20	T1	Construction Safety: Confined Spaces	●	1
TC3TS030	20	T1	Construction Safety: Hazardous Materials	●	1
TC3TS031	20	T1	Signal Operations and Maintenance	●	4.5
TC3TS032	21	T1	Fundamentals of Roadside Safety Audits	●	5
TC3TS033	21	T1	Safety Features for Roadway Departures	●	3
TC3TS034	21	T1	Fundamentals of Traffic Operations	●	4.5
TC3TS035	22	T1	Accommodating Pedestrians, Bicyclists, and Motorcycles in Work Zones	●	4
TC3TS036	22	T1	Short Term Work Zones for Utility and Maintenance Repairs	●	3
TC3TS037	22	T1	Working with Law Enforcement in Work Zones	●	3
TC3TS038	22	T1	Inspection of Electrical Systems	●	2

Winter Operations

TITLE	EDN	COMP	COURSE TITLE	HOURS	PDH
TC3WO01	18	T1	Anti-icing/RWIS: Introduction to Anti-icing and Winter Maintenance	●	3
TC3WO02	18	T1	Anti-icing/RWIS: Winter Road Maintenance Management	●	3
TC3WO03	18	T1	Anti-icing/RWIS: Winter Roadway Hazards and the Principles of Overcoming Them	●	3
TC3WO04	18	T1	Anti-icing/RWIS: Weather Basics	●	3
TC3WO05	18	T1	Anti-icing/RWIS: Weather and Roadway Monitoring for Anti-icing Decisions	●	3
TC3WO06	18	T1	Anti-icing/RWIS: Computer Access to Road Weather Information	●	3
TC3WO07	18	T1	Anti-icing/RWIS: Anti-icing Practice in Winter Maintenance Operations	●	3
TC3WO08	18	T1	Anti-icing/RWIS: Scenario Room	●	3
TC3WO09	18	T1	Blowing Snow Mitigation	●	3
TC3WO10	18	T1	Deicing	●	4
TC3WO11	18	T1	Equipment Maintenance	●	2
TC3WO12	18	T1	Performance Measures for Snow and Ice Control Operations	●	4
TC3WO13	18	T1	Proper Plowing Techniques	●	2
TC3WO14	18	T1	Selecting Snow and Ice Control Materials to Mitigate Environmental Impacts	●	2
TC3WO15	18	T1	Winter Maintenance Management	●	2