

Expected Competencies by Position Title Bridge Maintenance Worker I - III

A = Awareness, Q = Qualified, C = Competent

Category	Course Title	Level of Awareness
Personal Safety		
	Emergencies	A
	First Aid	C
	Blood Borne Pathogens	A
	Fitness for Duty	A
	Good Health & Injury Prevention	Q
	Risk Management	Q
	Personal Protection Equipment	C
Workplace Safety - General Industry		
	Confined Space	A
	Electrical Safety	Q
	Emergency Procedures	Q
	Hazardous Materials	Q
	Work Site Awareness	Q
	Security	A
Construction Safety		
	Steel Fabrication & Erection	A
	Trenching and Shoring Safety	A
	Fall Protection	C
	Hand and Power Tools	Q
	Moving Vehicles	Q
	Equipment Access/Egress	A
Vehicles and Heavy Equipment		
	Operation	Q
	Commercial Vehicles	A
	Defensive Driving (Online)	Q
	Motorized Equipment	Q
Signing		
	Basic Sign Principles	A
	Object Markers	A
Markings		
	Basic Principles of Pavement Markings	A
	Traffic Control Plans (Permanent)	A
Roadway Safety Appurtenances		
	End Treatments	A
	Barriers	A
	Longitudinal Barriers	A
	Pavement Safety	A
	Pedestrian Facilities	A

Railroad Crossings	A
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Safety Strategies

Bicycle Traffic & Safety	
Pedestrians	

Work Zone Devices

Temporary Traffic Control (TTC) Devices	Q
Installation, Placement & Removal of TTC Devices	A
Temporary Barrier	Q
Temporary Pavement Markings & Delineators	A
Raised Pavement Markers (RPM's)	A
Static Warning Signs	A
Variable Message Signs	Q
Impact Attenuators	Q

Work Zone Operations

Flagging Operations	Q
Lane Closure Types	A
Lane Closure and Separation	Q
Temporary Traffic Control (TTC)	Q
Temporary Traffic Control Plan (TCP)	A
Construction Traffic (On-Site)	A
Internal Traffic Control Plans (ITCP's)	A
Nighttime Temporary Traffic Control	Q
Complex Applications	A
Work Zone ITS	A
WZ Traffic Incident Management (TIM)	A

Work Zone Design and Management Mobility

Work Zone Impact Assessment	A
Transportation Management Plan (TMP)	A
Responsible Person	A
Work Zone Design & Maintenance of Traffic Policies	A
WZ Intelligent Transportation System (ITS)	A