

## Expected Competencies by Position Title Bridge Maintenance Worker V

A = Awareness, Q = Qualified, C = Competent

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

Railroad Crossings	C
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**Work Zone Devices**

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

**Work Zone Operations**

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

**Work Zone Design and Management Mobility**

Work Zone Impact Assessment	A
Transportation Management Plan (TMP's)	A
Responsible Person	C
Work Zone Design & Maintenance of Traffic Policies	C
Speed Management	Q
WZ Intelligent Transportation System (ITS)	Q
Public Relations	Q