

Ch. A General

#	ANSWER	QUESTION
1		True or False: The primary function of temporary traffic control is to provide for the safe and efficient movement of road users through or around temporary traffic control zones while reasonably protecting workers, responders to traffic incidents, and equipment.
2		The temporary traffic control plan should start in the planning phase and continue through the design, _____, and restoration phases.

Ch. B Fundamentals

#	ANSWER	QUESTION
3		True or False: Motorists, bicyclists, and pedestrians should be guided in a clear and positive manner while approaching and traversing temporary traffic control zones and incident sites.
4		True or False: As the work progresses, temporary traffic controls and/or working conditions should never be changed in order to provide safe and efficient road user movement and to provide worker safety.

Ch. C Temporary Traffic Control Elements

#	ANSWER	QUESTION
5		True or False: The design, selection and placement of temporary traffic control devices for a temporary traffic control plan should be based on each individual highway user's best judgement.
6		True or False: Frequent changes in the speed limit should be avoided. However, where restrictive features justify a speed reduction of more than 10 mph, additional driver notification should be provided.
7		A work zone extends from the first warning sign or high-intensity rotating, flashing, oscillating or strobe lights on a vehicle to the _____ sign or the last temporary traffic control device.
8		Page 12 in the manual says:  On urban streets, the effective placement of the first warning sign in feet should range from 4 to 8 times the speed limit in mph. If the speed limit is 25 mph, what is the distance range for the placement of the first warning sign? (include units in your answer)

Ch. C Temporary Traffic Control Elements (continued)

#	ANSWER	QUESTION
9		Neither work activity nor storage of equipment, vehicles, or material should occur within a _____.
10		See Table C-2. How many feet will a vehicle continue to travel, after a driver hits his brakes, if he is driving at 50 mph? (hint: It's farther than the length of a football field! Be careful out there.)
11		True or False: Longer tapers are not necessarily better than shorter tapers (particularly in urban areas) because extended tapers tend to encourage sluggish operation and to encourage drivers to delay lane changes unnecessarily.

Ch. D Pedestrian and Worker Safety

#	ANSWER	QUESTION
12		True or False: A wide range of pedestrians might be affected by Temporary Traffic Control zones, including the young, elderly, and people with disabilities such as hearing, visual, or mobility.
13		True or False: Tape, rope, or plastic chain strung between devices is a very cost-effective way to control pedestrian movements near a work site.

Ch. E Flagger Control

#	ANSWER	QUESTION
14		The ____/____ paddle should be the primary and preferred hand-signaling device. Use of flags should be limited to emergency situations.
15		True or False: A flagger should stand alone, never permitting a group of workers to congregate around the flagger station.

Ch. F Temporary Traffic Control Zone Devices

#	ANSWER	QUESTION
16		Temporary traffic control zone signs convey both general and specific messages by means of words or symbols and have the same three categories as all road user signs. What are those three categories of signs?
17		Ground-mounted signs installed at the side of the road in rural areas shall be mounted at a height at least ____ feet, measured from the bottom of the sign to the near edge of the pavement.

Ch. F Temporary Traffic Control Zone Devices (continued)

18		What regulatory sign, labeled R11-2, should be used when the roadway is closed to all road users except contractors' equipment or officially authorized vehicles.
19		True or False: Advanced warning signs may be used singly or in combination.
20		A Workers symbol sign may be used to alert road users of workers in or near the roadway. What is the unique designation for a Workers sign (letters and numbers for that individual sign)?
21		The ROAD WORK NEXT XX MILES (G20-1) sign should be installed in advance of temporary traffic control zones that are more than _____ miles in length.
22		True or False: A PILOT VEHICLE FOLLOW ME (G20-4A) sign shall be mounted on the front bumper so oncoming traffic will know vehicles are moving through the traffic zone.
23		What is the primary purpose of Portable Changeable Message signs in temporary traffic control zones?
24		True or False: The text of the messages on a Portable Changeable message sign shall not scroll or travel horizontally or vertically across the face of the sign.
25		What is the minimum height of an orange and white <u>drum</u> ?
26		True or False: Sandbags may be placed on the lower parts of the frame or the stays of barricades to provide the required ballast.
27		Type A, Type B, and Type C and Type D 360-degree warning lights are portable, powered, yellow, lens-directed, enclosed lights. What is the minimum mounting height of warning lights measured to the bottom of the lens?
28		Crash cushions are systems that mitigate the effects of errant vehicles that strike obstacles, either by smoothly decelerating the vehicle to a stop when hit head-on, or by _____.

Ch. G Type of Temporary Traffic Control Zone Activities

#	ANSWER	QUESTION
29		True or False: Short-duration or mobile operations may use fewer safety devices simply because the operation will frequently change its location.
30		True or False: Pedestrian detours should be avoided since pedestrians rarely observe them.

Ch. G Type of Temporary Traffic Control Zone Activities (continued)

#	ANSWER	QUESTION
31		If work in the median of a divided highway is within _____ from the edge of the traveled way for either direction of travel, temporary traffic control should be used through the use of advance warning signs and channelizing devices.
32		True or False: Temporary traffic control zones should never create situations where vehicles are queued across railroad tracks.
33		True or False: Except in emergencies, temporary lighting shall be provided at all flagger stations.

Ch. I Control of Traffic through Traffic Incident Management Areas

#	ANSWER	QUESTION
34		A _____ is an emergency road user occurrence, a natural disaster, or other unplanned event that affects or impedes the normal flow of traffic.
35		The primary functions of temporary traffic control at a traffic incident management area are to move road users reasonably safely and expeditiously past or around the traffic incident, and to _____ , and to preclude unnecessary use of the surrounding local road system.
36		True or False: During traffic incidents, large trucks and hazardous material trucks must be routed along the same detour route as automobiles.
37		The use of emergency-vehicle lighting (such as high-intensity rotating, flashing, oscillating, or strobe lights) does not provide effective traffic control. What is its purpose?

Case A2

#	ANSWER	QUESTION
38		Using Case A2, how often should the 'ROAD WORK NEXT ____ MILES' sign be erected if the project is 3 miles long?
39		Case A2 can be used for Roadway Stabilization or Shoulder Stabilization. Name another Typical Application for Case A2.

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Case A3

#	ANSWER	QUESTION
40		True or False: Use General Notes from Case A3, overnight operations are illustrated and if work is done at night, DRUM will be used (not cones).
41		True or False: The same symbol is used for both drums and cones.

Case A4

#	ANSWER	QUESTION
42		Using Case A4 and the top drawing (A.), what is the distance between the ROAD WORK AHEAD sign and the closest cone, for an URBAN, LOW SPEED area? (HINT: A is found in the table. Don't forget units in your answer.)
43		For Case A4, work vehicle shall have dual flashers and flashing blue dome light operating.

Case A6 is often used for Paving Projects

#	ANSWER	QUESTION
44		Using CASE A6, the top drawing (A.), what is the distance between the WORK AREA and the Flagger Ahead sign for a RURAL environment? (Hint: Use the Symbols legend @ bottom left and the table @ bottom right & don't forget units.)
45		Using CASE A6, the second drawing (B.), is the 'End Road Work' sign required?
46		Using CASE A6, the second drawing (B.), what do the little circles around the work area represent?

Case A10A

#	ANSWER	QUESTION
47		True or False: Using Case A10A, the distance from the Hazard Boards or Drums to the ROAD WORK ½ MILE sign in an urban (slow speed) environment, is approximately 500 feet.
48		Using Case A10A: Each travel lane is 12' wide, for a 2-lane, 2-way road. If you are installing 24" wide stop bar at the two locations shown, how many linear feet of STOP BAR would you need?

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Case A15

#	ANSWER	QUESTION
49		True or False: Case A15 is Typically used for Mowing Operations or Spraying Operations.
50		True or False: Case A15 is typically used for nighttime operations.

Read the Manual on Temporary Traffic Control for Streets and Highways, 2006 Edition.  
Answer all questions above by using the manual.

EMPLOYEE NAME: \_\_\_\_\_

DATE COMPLETED: \_\_\_\_\_

SUPERVISOR: \_\_\_\_\_