

Tabletop Exercises

Scenario 1 Flagging at an Intersection

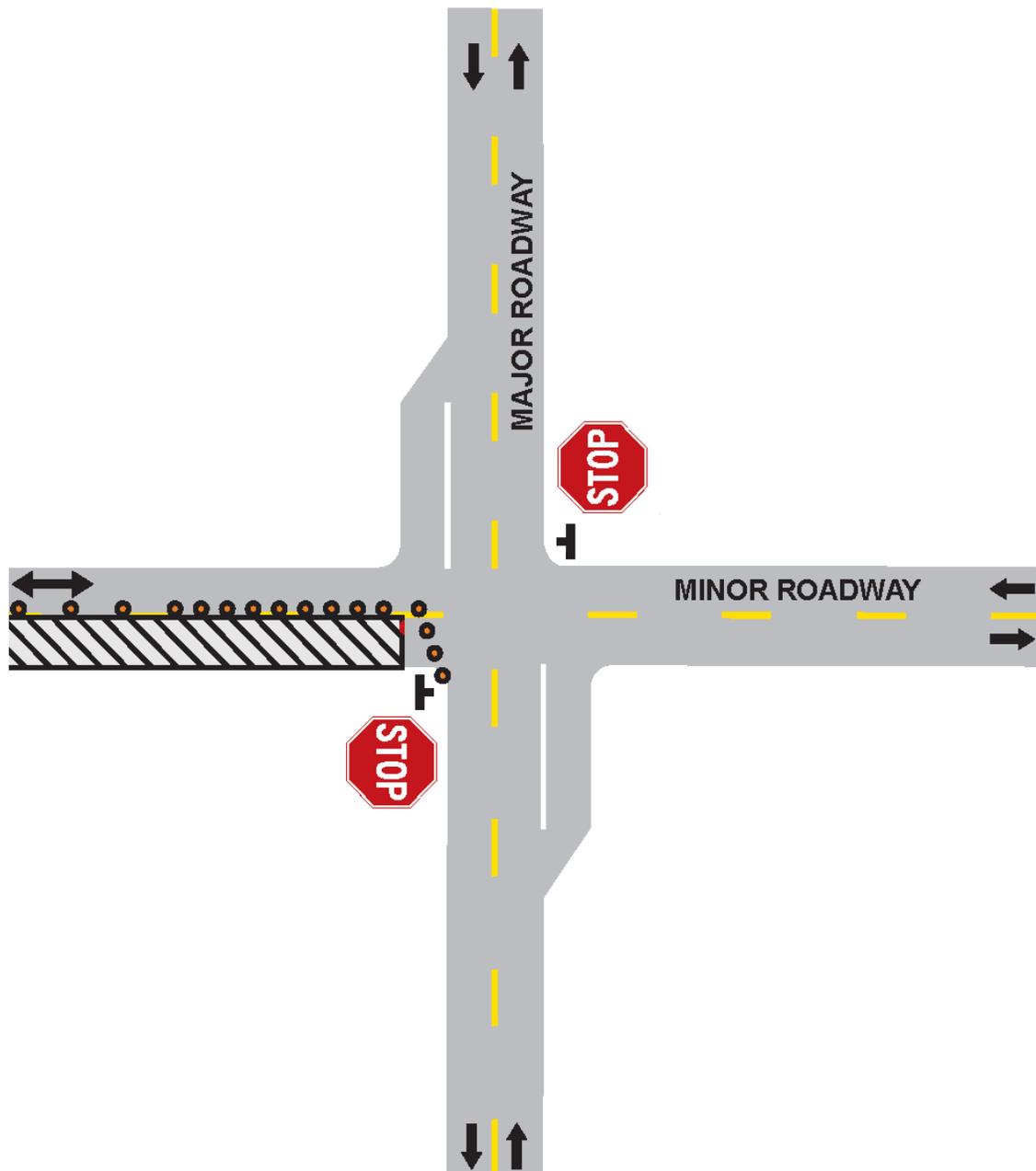
Two-way stop controlled intersection on minor roadway. Posted speed is 35MPH on minor roadway; 55MPH on major roadway

Work zone on one leg of minor roadway (1000 ADT) in one direction; major roadway has 5,000 vehicles per day

Determine the following:

1. Number of Flaggers
2. Position/Location of Flaggers
3. Location/Spacing of Devices/Signs

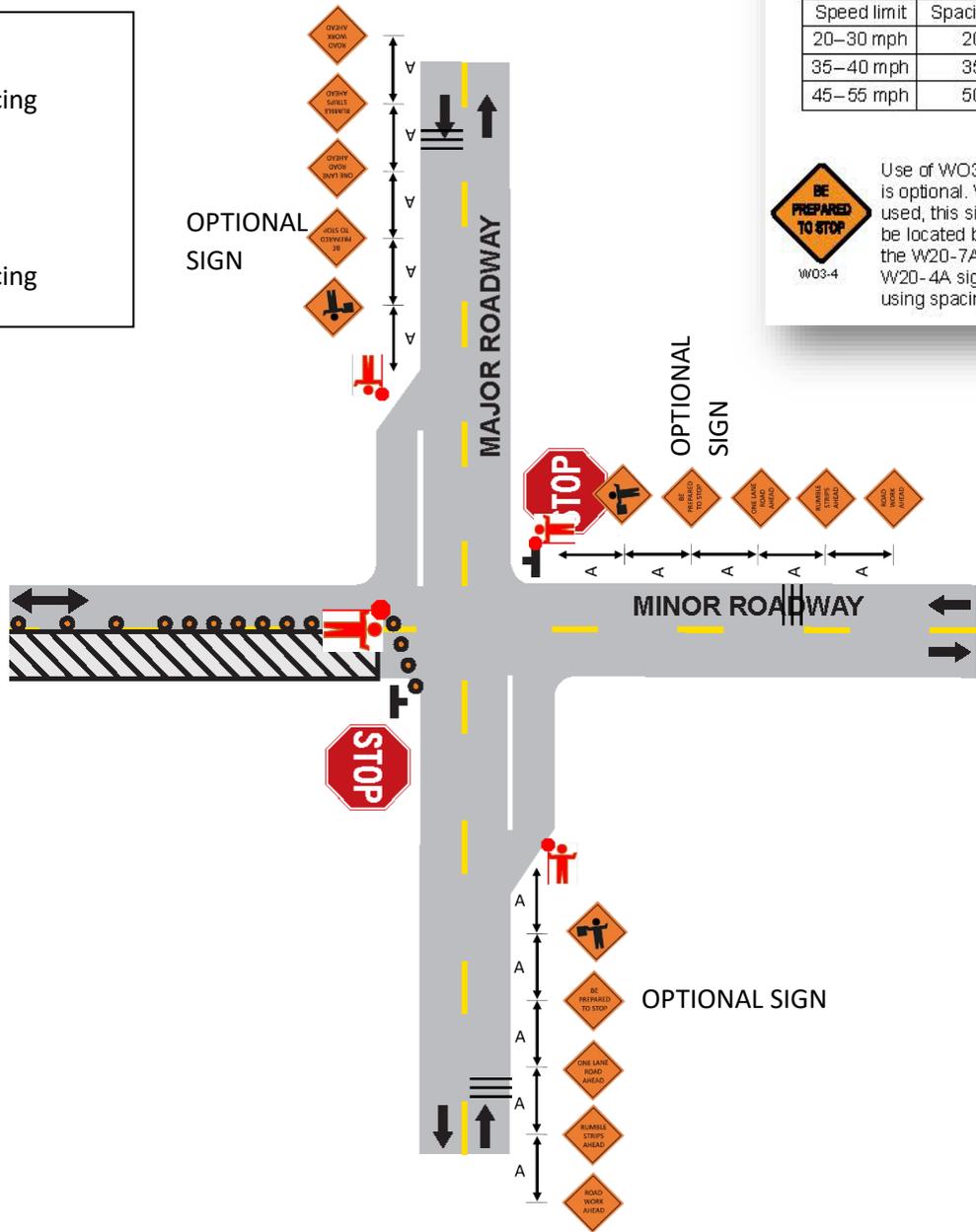
Note: Do not need to show advanced warning for west end of work zone. Focus on intersection control.



Scenario 1 Answer Key:

55 MPH
 A=500' sign spacing

35 MPH
 A=350' sign spacing



Sign spacing and temporary portable rumble strip placement

Speed limit	Spacing "A"
20-30 mph	200'
35-40 mph	350'
45-55 mph	500'



Use of W03-4 sign is optional. When used, this sign shall be located between the W20-7A and W20-4A signs, using spacing "A".

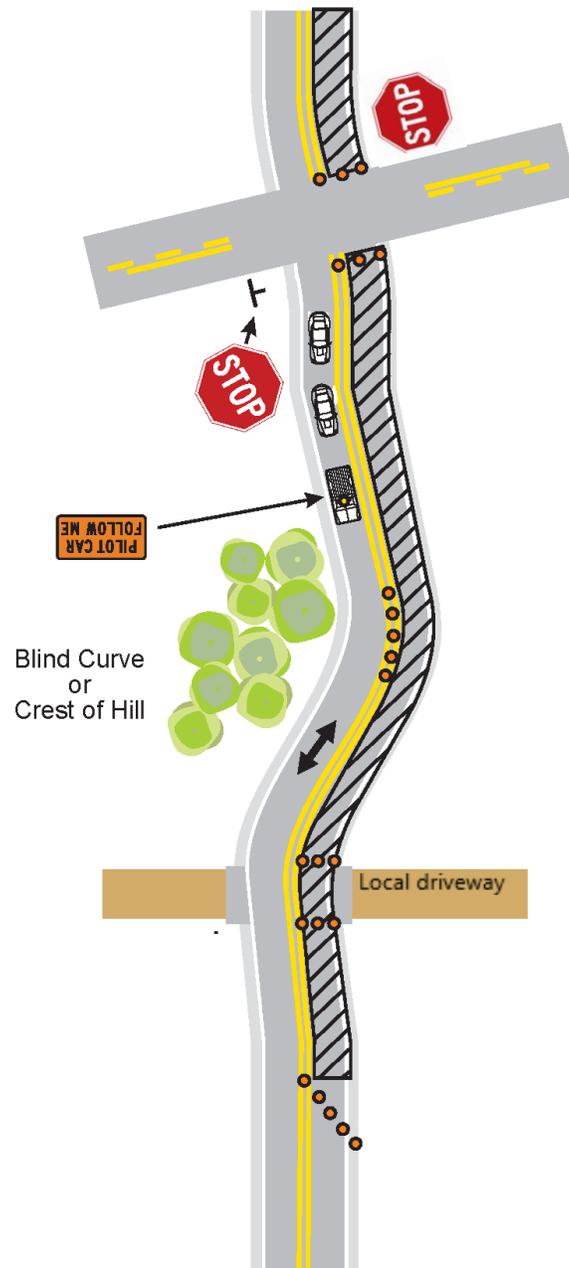
Scenario 2: Pilot Car Operations

Two-lane highway with two-mile work zone in one direction. Posted speed is 45MPH.

Multiple curves, one local driveway and one intersecting highway

Determine the following:

1. Number of Flaggers
2. Position/Location of Flaggers
3. Location/Spacing of Devices/Signs



Scenario 2 Answer Key:

45MPH
A=500' sign spacing



Sign spacing and temporary portable rumble strip placement

Speed limit	Spacing "A"
20-30 mph	200'
35-40 mph	350'
45-55 mph	500'



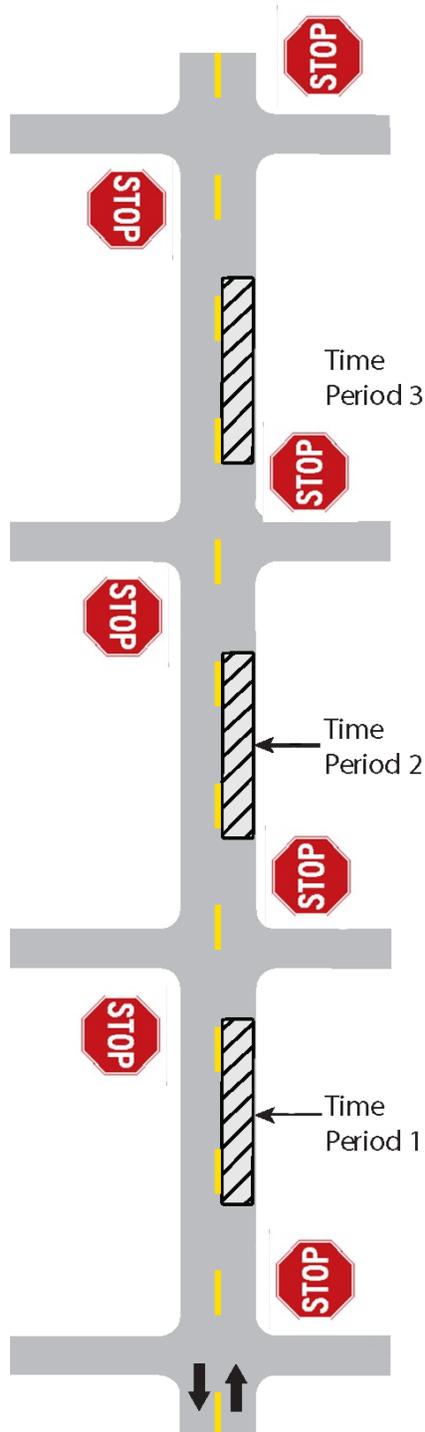
Use of W03-4 sign is optional. When used, this sign shall be located between the W20-7A and W20-4A signs, using spacing "A".

Scenario 3 Moving Work Zone (not mobile operation)

Two-way highway with short term stationary work zones over a relatively long segment of highway in a short period of time but does not meet the requirements for a mobile work zone operation in one direction. Work areas are spaced 1 mile apart from the adjacent work area. Posted speed is 55MPH.

Determine the following:

1. Number of Flaggers for each Time Period
2. Position/Location of Flaggers for each Time Period
3. Location/Spacing of Devices/Signs for each Time Period

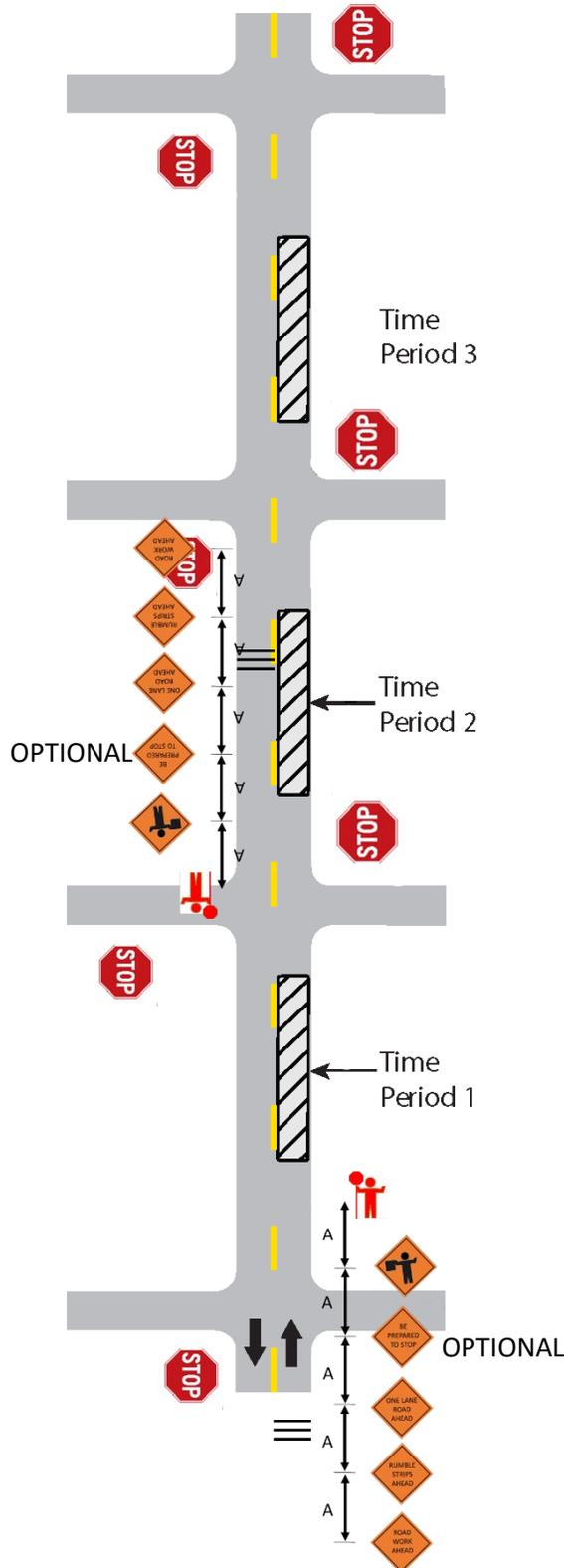


Scenario 3 Answer key:

55MPH

A=500' sign spacing

TIME PERIOD 1 LAYOUT



Sign spacing and temporary portable rumble strip placement

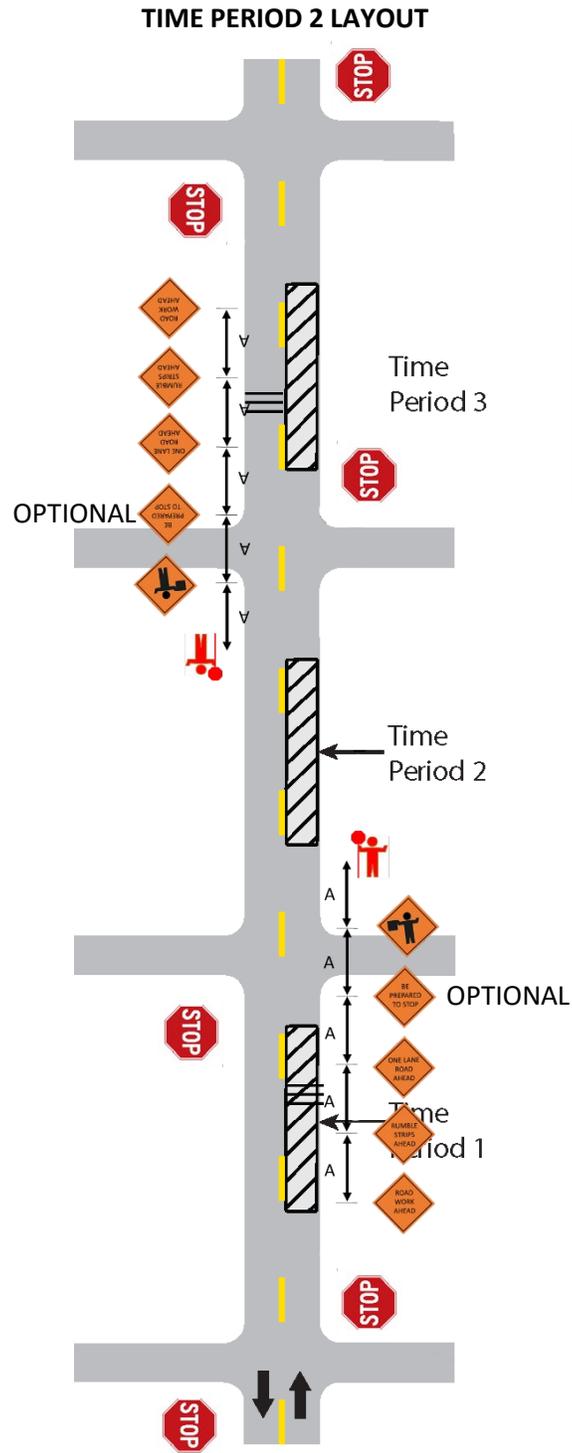
Speed limit	Spacing "A"
20-30 mph	200'
35-40 mph	350'
45-55 mph	500'



Use of W03-4 sign is optional. When used, this sign shall be located between the W20-7A and W20-4A signs, using spacing "A".

Scenario 3 Answer key:

55MPH
 A=500' sign spacing



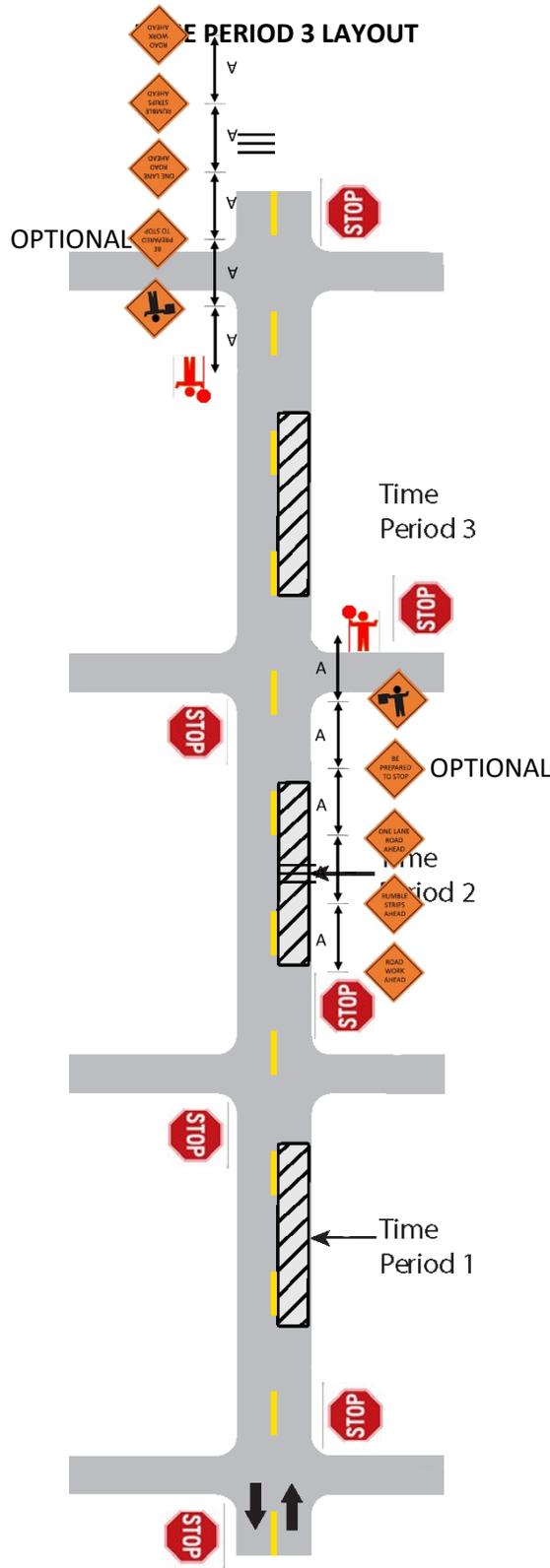
Sign spacing and temporary portable rumble strip placement

Speed limit	Spacing "A"
20-30 mph	200'
35-40 mph	350'
45-55 mph	500'

 Use of W03-4 sign is optional. When used, this sign shall be located between the W20-7A and W20-4A signs, using spacing "A".

Scenario 3 Answer key:

55MPH
A=500' sign spacing



Sign spacing and temporary portable rumble strip placement

Speed limit	Spacing "A"
20-30 mph	200'
35-40 mph	350'
45-55 mph	500'

 Use of W03-4 sign is optional. When used, this sign shall be located between the W20-7A and W20-4A signs, using spacing "A".

W03-4