

### Worksheet 3.3: Work Zone and Circuity (Detour) Delays

**Work Zone Delay**

3.3(A)	3.3(B)	3.3(C)	3.3(D)	3.3(E)	3.3(F)
Work Zone Length (mile)	Work Zone Speed (mph)	Unrestricted Speed (mph)	Work Zone Travel Time at Unrestricted Speed (hr/veh)	Work Zone Travel Time at Work Zone Speed (hr/veh)	Added Time to Travel Work Zone (hr/veh)

**Circuity (Detour) Delay**

3.3(G)	3.3(H)	3.3(I)	3.3(J)	3.3(K)	3.3(L)
Travel Length without Detour (mile)	Travel Length with Detour (mile)	Added Travel Length (mile)	Travel Time without Detour (hr/veh)	Travel Time with Detour (hr/veh)	Added Time to Travel Detour (hr/veh)

**Alternating Traffic (Flagging) Delay**

Flagging Zone Length (mile)	Flagging Zone Speed (mph)	Unrestricted Speed (mph)	Flagging Zone Travel Time at Unrestricted Speed (hr/veh)	Flagging Zone Travel Time at Flagging Zone Speed (hr/veh)	Added Time to Travel Flagging Zone (hr/veh)	Approach Vehicle Wait Time (hr/veh)

**Project:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Description:** \_\_\_\_\_