

Birzeit university

Civil engineering department – highway engineering

Quiz 3

Q1 : Draw a three-leg intersection and show the inlands used to to regulate the right-turn movements .

Q2 : draw a four-level directional interchange and show the following movements .

a) WB → NB

b) EB → NB

c) WB → SB

d) NB → WB

Q3 : Design the curb line for a four-leg intersection using taper and simple circular curve with 60° turning angle and WB-62 design vehicle .