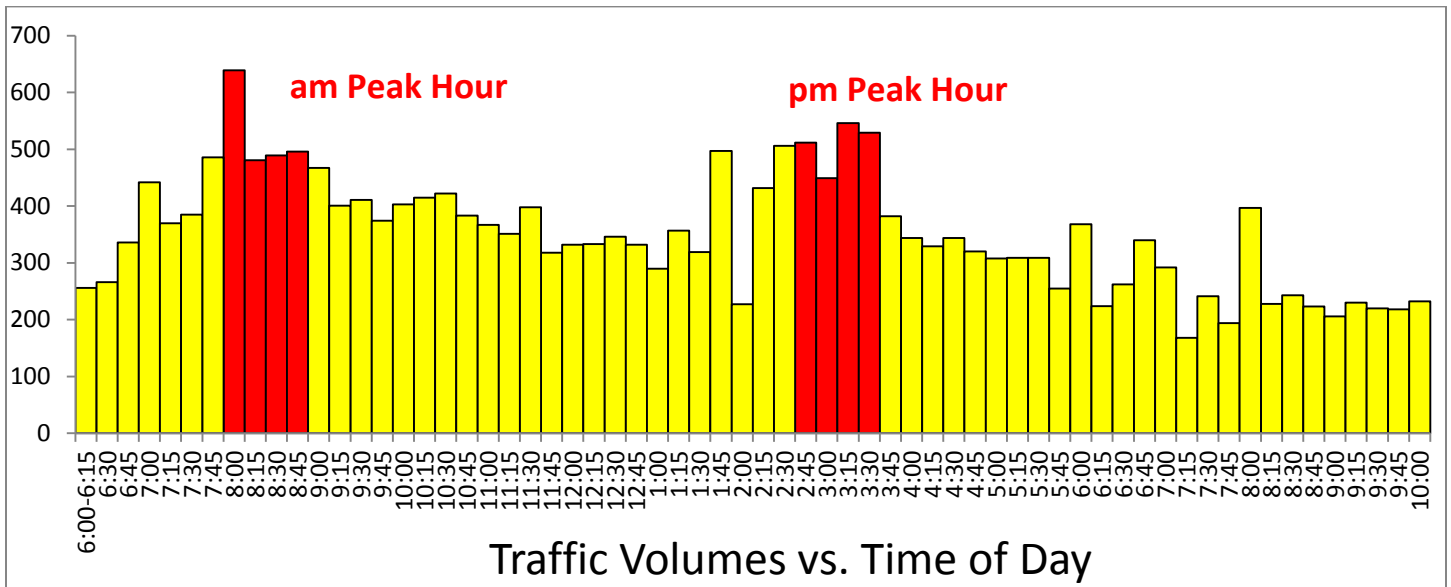


## Sheet 1 Final Answers

- 1) a) Time Mean Speed = 83.6 km/hr  
 Modal Speed = 90 km/hr  
 b) Speed Index = 0.7  
 Buffer Time Index = 0.21

2) a)



- b) am Peak Hour Volume = 2105 vph  
 pm Peak Hour Volume = 2036 vph  
 c) Peak Hour Factor = 0.82

3) a)

Month	Factor	Month	Factor
Jan	0.58	July	1.74
Feb	0.53	August	2.02
March	0.65	September	1.68
April	0.93	October	1.56
May	1.29	November	1.17
June	1.49	December	0.85

b)  $ADT_{R2} = 2046$  vpd

$ADT_{R2August} = 1013$  vpd