

Memorandum

To: Mike Faught, Ashland Public Works Director
From: Kim Parducci, Southern Oregon Transportation Engineering, LLC
Date: 04/30/2013
Re: North Main Street Evaluation

Comments: Southern Oregon Transportation Engineering gathered N. Main Street corridor and intersection data for the month of April. Results are summarized below.

- The average corridor travel time in April was measured to be 2 minutes 21 seconds southbound from Valley View to Maple (average speed of 36 mph) and 2 minutes 20 seconds northbound (average speed of 36 mph). The average corridor travel time southbound from Maple to Helman was 1 minute 32 seconds (average speed of 23 mph) and 1 minute 25 seconds northbound (average speed 25 mph).
- The average stopped time in April for vehicles on Wimer at N. Main (between 3:30-5:30pm) was measured to be 14.98 seconds with a maximum stopped time of 76 seconds. The average queue length was less than one vehicle and the maximum queue length was 2 vehicles. Similarly, the average stopped time for vehicles on Hersey at N. Main (same time period) was measured to be 24.85 seconds with a maximum stopped time of 166 seconds. The average queue length was 2 vehicles and the maximum queue length was 6 vehicles.
- The average stopped time in April for left turning vehicles on N. Main Street at Hersey/Wimer was 8.36 seconds (northbound left) and 15.56 seconds (southbound left). The maximum stopped time was 138 seconds (northbound left) and 91 seconds (southbound left). The average queue length for both directions was 1 vehicle and the maximum queue length was 2 vehicles northbound and 4 vehicles southbound.
- Between 3:30-5:30pm in April there were 699 gaps of adequate size on N. Main Street for right turn movements from Wimer (~100 vehicles counted in the two hour PM peak period) and 561 gaps of adequate size for right turn movements from Hersey (~220 vehicles counted in two hour PM peak period). There were 154 gaps of adequate size for left and through movements from either Wimer or Hersey (~17 vehicles from Hersey and ~20 vehicles from Wimer).