INTERSECTION TRAFFIC CONTROL COMMITTEE

Meeting Minutes
May 6th, 2015

ATTENDEES

<table>
<thead>
<tr>
<th>Name</th>
<th>Agency</th>
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<tr>
<td>Dean Chamberlain</td>
<td>WSB</td>
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<tr>
<td>Mark Wagner</td>
<td>SEH</td>
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<td>Matt Allwood</td>
<td>Traffic Control Corp.</td>
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<td>Allen Eisinger</td>
<td>Traffic Control Corp.</td>
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<td>Joe Gustafson</td>
<td>Washington County</td>
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<td>Luke James</td>
<td>SRF</td>
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<td>Sean Jenkins</td>
<td>City of Bloomington</td>
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<td>Jerry Kotzenmacher</td>
<td>MnDOT</td>
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<td>Nick Ollrich</td>
<td>SRF</td>
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<td>Roger Plum</td>
<td>SEH</td>
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<tr>
<td>Brian Vitek (Presenter)</td>
<td>City of St. Paul</td>
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<td>JoNette Kuhnau (Presenter)</td>
<td>Kimley-Horn</td>
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MEETING LOCATION: City of Bloomington Public Works

I. Remaining meeting times/locations for 2015

June-August: No meetings
September 2, 2015 (cancelled at a later date) (8:00-10:00am): MnDOT Water’s Edge, Room 403
October 7, 2015 (8:00-10:00am): SRF – Plymouth
November 4, 2015 (8:00-10:00am): HDR – Golden Valley
December 2, 2015: Time and location to be determined

II. Presentation – Green Line LRT Signal Retiming – JoNette Kuhnau (Kimley-Horn) and Brian Vitek (City of Saint Paul)
The following is a summary of Matt’s presentation.

1. Green Line Background
2. What is TSP?
3. Green Line Operations
4. New Approach – Predictive Priority
5. Predictive Priority Process
6. Predictive Priority – Before Conditions
7. Predictive Priority – After Conditions

www.nc-ite.org
8. Predictive Priority – Results
10. After Conditions – December 2014
11. Predictive Priority Results
12. Lessons Learned
13. Acknowledgements
14. Questions

a. Jon K. – What detection was used for LRT?
   i. Brian V. answered that a railroad-type loop was used
   ii. JoNette K. added that the loops have been fairly reliable
       but it would have been nice to integrate them further with
       vehicle detection loops
   iii. Brian and JoNette added that more loops could have been
        used in the downtown portions of the line.

b. Jerry K. – How has the public reacted?
   i. Brian V. – not a lot of delay complaints, pedestrian
         behavior is relatively good.

c. Jerry K. – What is the longest cycle length?
   i. 130 seconds at Snelling/University, 70-90 seconds in the
      downtown areas

d. Jon K. – Why the difference in the bar signal being on/off
   when the train isn’t there?
   i. JoNette K. – Due to a difference in software between
      Minneapolis & St Paul.
   ii. Jon K. – Do drivers understand the bar signal?
   iii. Matt Allwood – Observations indicate that drivers don’t
        give it a second thought.
   iv. Brian V. – No complaints regarding bar signal.

e. Joe G. – Any remaining safety and operations issues?
   i. Brian V. – Continuing to address minor issues as they
      occur. Mostly related to pedestrian behavior and vehicles
      turning on red into trains.
   ii. JoNette K. – Driver behavior still a challenge. Tough to
       determine if drivers intentionally violate or don’t know
       what’s going on.

f. Paul J. – The switch from TSP to Predictive Priority, what
   effects has this had on vehicular travel time?
   i. JoNette K. – Travel times weren’t monitored, but
      adjustments to offsets are being made to improve
      progression.

g. Joe G. – What are the train speeds?
   i. JoNette K. – 35-45 mph

h. Jon K. – What is the plan for future timing changes?
   i. Brian V. – Committed to adjustments for a few years,
       though traffic in St Paul is fairly static.
i. Jon K. – Has ridership been affected by the travel time improvements?
   i. Brian V. – Ridership is above projections but not sure if there is a cause-effect relationship.

III. Round Robin
1. Brian V. asked if anyone knew more about the bicycle indications in Minneapolis. Jerry K. answered that MnDOT was not involved with the installation of those, but they do have interim FHWA approval.
2. No further comments from group. End of round robin.

NEXT MEETING:

Date: Wednesday, September 2nd, 2015 (8:00-10:00am)

Location: MnDOT Water’s Edge Building
1500 W. County Road B2
Roseville, MN 55113

Topics: Meeting was later cancelled

Presenting:

Minutes Submitted By: Mark Wagner