



2014 Executive Committee

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INTERSECTION TRAFFIC CONTROL

COMMITTEE

Meeting Minutes

March 5th, 2014

Attendees

Table with 2 columns: Name, Agency. Rows include Morgan Abbott (TKDA), Dean Chamberlain (WSB), John Fahrendorf (WSB), Joe Gustafson (Washington Co), Roger Plum (SEH), Scott Poska (SRF), Molly Stewart (Bolton and Menk), Darwin Yasis (MnDOT).

Meeting Location: SEH – Vadnais Heights

Meeting Topic: Roundabout Topics

Meeting Presenters: Darwin Yasis (MnDOT) and Joe Gustafson (Washington County)

- I. Oversize/Overweight/Trucks in Roundabouts (Darwin Yasis – MnDOT)
• See attached slides
• Additional notes from presentation:
o (Slide 1) Oversize/overweight analysis not part of joint study with WisDOT
o (Slide 3) Legal size of vehicles in Wisconsin: WB-65
o (Slide 3) Legal size of vehicles in Minnesota: WB-67
o (Slide 3) Roadway Design Manual currently has WB-62 as design vehicle
o (Slide 5) Case 1 corresponds with early thoughts on roundabout design

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- (Slide 6) Case 2 is roughly the current thinking on roundabout design
- (Slide 7) Case 3 accommodates trucks best but results in roundabouts that are quite large
- (Slide 11) Some truckers consider truck apron a sidewalk and think they can't use it
- (Slide 11) Washington State uses sign in slide to inform drivers not to drive next to trucks in roundabouts
- (Slide 15) Make sure curb between truck apron and pavement is tipped in. Low boys scrape their bottoms if tipped out.
- (Slide 15) Type R curb being evaluated for use in roundabouts in MN (in use in Wisconsin)
- Bill introduced to ban roundabout construction in Minnesota.
- MnDOT has materials for roundabout education: state map diagrams, website, brochures, etc.

II. Roundabout "diets" and striping (Joe Gustafson – Washington County)

- See attached slides
- Notes on roundabout striping diagram (in addition to notes on diagram):
 - No yellow or white lines between "sharktooth" yield line and dotted "guide" line
 - Arrows in circulatory lanes moved up farther to crossing point
 - Strong skip line between adjacent lanes in circulatory area (WisDOT uses these)
 - Tube delineators installed to cordon off unused pavement
 - Dotted "guide" stripe: 18" thickness white line with 1.5" black on sides parallel to circulatory roadway

III. Round Robin

- Dean C. – Additional multi-lane roundabout safety study in progress by WSB – to be presented as committee meeting topic or round robin
- John F. – U of M study on multi-lane roundabouts found similar strategies as Washington County for increasing safety at multi-

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lane roundabouts

- Darwin Y. – Roundabout steering committee meets at Water's Edge. See him if you are interested.

Meeting note: Attendance lower due to MN Transportation Conference on same day.