

24c.

Technical Memorandum from John Perlic, Parametrix,
to Andy Williamson

May 2, 2014

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TECHNICAL MEMORANDUM

Date: May 2, 2014
To: Andy Williamson
City of Black Diamond Economic Development Director
From: John Perlic
Project Engineer
Subject: Submittal #2 - Traffic Monitoring Report, The Villages and Lawson Hills Master Planned Developments – Phase 2; The Villages Master Planned Development - Traffic Impact Study
cc:
Project Number: 554-3043-014
Project Name: Traffic Engineering Services MDRT

We completed a review of the following two documents and provided comments to the City in February 2014.

- *Traffic Monitoring Report, The Villages and Lawson Hills Master Planned Developments – Phase 2* (The Transpo Group, December 2013) (referred to as the Traffic Monitoring Report)
- *The Villages Master Planned Development – Phase 2C Traffic Impact Study* (The Transpo Group, December 2013) (referred to as the Traffic Impact Study)

Responses to our comments were received in the following documents:

- *The Villages and Lawson Hills MPDs – Phase 2 Traffic Monitoring Report, Response to Comments* (the Transpo Group, March 2014)
- *The Villages MPD – Phase 2 Plat C Traffic Impact Study, Response to Comments* (March 2014)

We have reviewed the response documents and determined all comments have been adequately addressed. Comments and responses for the Traffic Monitoring Report and the Traffic Impact Study are shown in Tables 1 and 2, respectively.

TECHNICAL MEMORANDUM (CONTINUED)

Table 1. Traffic Monitoring Report Comment and Response

Comment	Response
Provide information showing that November can be considered similar in traffic levels as February.	Description included in the response. Request met.
Attach existing count data in the appendix.	Data included in the response. Request met.
Provide trip generation and distributions for Sugarloaf Mountain West.	Data included in the response. Request met.
Provide information on the NCHRP report 599 methodology for adjusting PHFs.	Methodology included in the response. Request met.
Provide a description of the ERU methodology, in particular how the Elementary School trips are converted to ERUs.	Description included in the response. Request met.
Provide additional information describing how the internal trip reductions were calculated. The exhibits in Appendix C Internal Capture Calculations needs a legend or description on how to read the diagram, so that the diagrams can be reviewed.	Response includes NCHRP diagram consistent and methodology discussion consistent with exhibit in Traffic Monitoring Report. Request met.
Provide information on how the 4 th and 8 th hour volumes used in the warrant analyses were determined. .	Methodology included in the response. Request met.

Table 1. Traffic Impact Study Comment and Response

Comment	Response
The Traffic Impact Study also briefly mentions the number of equivalent residential units (ERU), but does not state in the report how they are relevant to the analysis. A discussion of the ERU relevance to thresholds established in the MPD Development Agreements would be helpful for context. .	Discussion included in the response. Request met.
The document does not state how many ERUs are included in Phase 1A. This should be provided so that the total number of ERUs with Phase 1A and Phase 2C is documented.	Data included in the response. Request met.
It should be noted if the intersection related collisions were determined “at an intersection” by WSDOT, or if there was an assumption made by the analyst that collisions along a roadway within a specified number of feet from the intersection were intersection related.	Methodology included in the response. Request met.
Provide a source for the statement that motorists generally travel at slower speeds in the presence of on street parking.	Source provided. Request met.

Stacey Welsh

From: Andy Williamson
Sent: Tuesday, May 06, 2014 3:45 PM
To: Stacey Welsh; Tracey Redd
Subject: FW:
Attachments: FinalTMVillages2C-Submittal.pdf

From: Austin Fisher [mailto:afisher@parametrix.com]
Sent: Tuesday, May 06, 2014 9:41 AM
To: Andy Williamson
Cc: John Perlic
Subject: RE:

Andy, the analysis is good to go from our perspective. Tech memo is attached for your consideration.

Thanks,

Austin

From: Andy Williamson [mailto:AWilliamson@ci.blackdiamond.wa.us]
Sent: Monday, May 05, 2014 3:41 PM
To: Austin Fisher
Subject:

Can I have an update as to your work progress for mdr
Andrew Williamson



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