



MEMORANDUM

DATE: September 14, 2016

TO: Don Grotting

SUBJ: West TV/Beaverton High School Practice Run

COPY: High School Boundary Technical Team

Transportation Department personnel performed a practice run on 9/13/16 of the primary travel path from the West TV area to Beaverton High School. A 40-foot, 84-passenger bus was used to determine actual traffic conditions and elapsed time which would likely be encountered during school transportation times.

The route utilized Hwy 217 and West TV Elementary School and Beaverton High School as the origin and destination points. Each route was run twice to authenticate the data. West TV Elementary was used as a central point for the area as actual routes cannot be determined until student data is confirmed. Total travel times will be longer once bus stops are added. The table below summarizes the findings:

Date	Day	Origin	Start Time	Destination	Arrival Time	Elapsed Time	Traffic Conditions
09/13/16	Tue	West TV Elem	6:45 AM	Beaverton HS	7:00 AM	14:53	Light
09/13/16	Tue	West TV Elem	7:18 AM	Beaverton HS	7:30 AM	12:11	Light
09/13/16	Tue	Beaverton HS	2:31 PM	West TV Elem	2:47 PM	15:22	Light
09/13/16	Tue	Beaverton HS	3:00 PM	West TV Elem	3:12 PM	12:36	Light

In all cases, traffic was light and flowed smoothly. As previously reported by staff, Hwy 217 has a congestion issue when examined on a macro basis. However, when traffic is considered during school-transportation times on the targeted travel path, we find mild conditions having a steady flow at posted speed limits.

Attached are photos taken from the on-board bus video of the test trips. The first 8 photos are the morning trips; the second 8 photos are the afternoon trips. The entire video is stored on a server and available for viewing upon request.



On Ramp @ Barnes & HWY 217 South @ 06:51:36



HWY 217 South @ HWY 26 On Ramp @ 06:51:50



HWY 217 South @ Walker Rd @ 06:52:18



HWY 217 South @ Beaverton/Hillsdale Hwy @ 06:52:32



On Ramp @ Barnes & HWY 217 South @ 07:23:11



HWY 217 South @ HWY 26 On Ramp @ 07:23:30



HWY 217 South @ Walker Rd @ 07:23:56



HWY 217 South @ Beaverton/Hillsdale Hwy @ 07:24:33



On Ramp @ Bev/Hills Hwy & HWY 217 North @ 14:41:08



HWY 217 North @ Walker Rd Overpass @ 14:41:27



HWY 217 North @ HWY 26 Off Ramp @ 14:41:50



Off Ramp @ Barnes & HWY 217 North @ 14:42:33



On Ramp @ Bev/Hills Hwy & HWY 217 North @ 15:08:11



HWY 217 North @ Walker Rd Overpass @ 15:08:32



HWY 217 North @ HWY 26 Off Ramp @ 15:09:17



Off Ramp @ Barnes & HWY 217 North @ 15:09:21