

432 Cony Road
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Augusta, ME 04330



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May 13, 2015

Mr. Lionel Cayer
City Engineer
City Center Plaza
16 Cony Street
Augusta, Maine 04330

Subject: Charlie's Subaru Vehicle Display Expansion
480 Western Avenue
Traffic Impact

Dear Lionel,

Shuman Family Second LLC. is proposing to expand their existing Subaru display area onto lot #32 shown on tax map #16 in the City of Augusta tax maps at 480 Western Avenue in Augusta, Maine. The expansion involves erecting a new 3,500 sf showroom and vehicle display area on the parcel of land (1.1 acres) located on the west side of Charlie's Collision Center.

The peak hour trips generated are calculated from the Institute of Transportation Engineers (ITE) Manual (8th addition) under "New Car Sales" and are shown below:

Based on Building Size (3,500 sf):

AM Peak Hour Rate = 2.20

$(3,500 \text{ sf}/1,000 \text{ sf}) \times 2.20 = 7.7$ peak hour trips.

PM Peak Hour Rate = 2.72

$(3,500 \text{ sf}/1,000 \text{ sf}) \times 2.72 = 9.5$ peak hour trips.

Maximum Peak Hour Trips = 9.5 (PM)

The maximum generator is during the PM peak hour (9.5 peak hour trips) for the proposed addition. The project will not require a turning movement permit from the MDOT because it is less than the 100-trip threshold and in addition is less than the 35-trip threshold with the City of Augusta. The project will not cause unreasonable public road congestion and if you should have any questions or concerns, please do not hesitate to contact me at 623-9475.

Respectfully Submitted,



James E. Coffin, PE

