



*City of Annapolis*

**DEPARTMENT OF TRANSPORTATION**

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J. RICK GORDON, DIRECTOR

March 16, 2017

To: Jacquelyn M. Rouse, Planning Administrator

From: Kwaku Agyemang-Duah *KAD*

Re: Public Works Maintenance Facility at 935 Spa Road

**Project Description**

The proposed project consists of two (2) new buildings to replace the existing buildings. The total square footage of 21,000 square feet will not change.

**Trip Generation Potential**

Estimated average daily traffic volume based on the current facility is 240 trips. The proposed facility is not expected to generate any significant new trips because there will be no change on land use or footprint. Estimated AM and PM Peak Hour total trips for the proposed facility are 62 and 71 trips respectively (see attachment).

**City of Annapolis Code of Ordinances**

Chapter 22.21 of the Annapolis Code of Ordinances requires a traffic impact study if:

- a. The proposed development and/or additions to existing structure is expected to generate 250 daily trips or more based upon trip generation rates published in the latest edition of the Trip Generation Manual, published by the Institute of Transportation Engineers (ITE); or
- b. There are current traffic problems or issues in the project area, e.g. high traffic accident frequency; or
- c. The proposed entrances and exits from the site are too close to an intersection.

**Certification**

It is estimated that the average daily trips from the proposed facility will remain the same since the total square footage of the facility will not change. The proposed facility does not meet the requirements of the City of Annapolis Code of Ordinances, *Chapter 22.21*, for a traffic impact analysis.

Public Works maintenance Facility  
 Summary of Trip Generation Calculation  
 For 21 Th.Gr.Sq.Ft. of Automobile Care Center  
 March 15, 2017

	Average Rate	Standard Deviation	Adjustment Factor	Driveway Volume
Avg. Weekday 2-Way Volume	0.00	0.00	1.00	0
7-9 AM Peak Hour Enter	1.91	0.00	1.00	40
7-9 AM Peak Hour Exit	1.03	0.00	1.00	22
7-9 AM Peak Hour Total	2.94	2.15	1.00	62
4-6 PM Peak Hour Enter	1.69	0.00	1.00	35
4-6 PM Peak Hour Exit	1.69	0.00	1.00	35
4-6 PM Peak Hour Total	3.38	2.15	1.00	71
Saturday 2-Way Volume	15.86	0.00	1.00	333
Saturday Peak Hour Enter	0.00	0.00	1.00	0
Saturday Peak Hour Exit	0.00	0.00	1.00	0
Saturday Peak Hour Total	0.00	0.00	1.00	0

N/A;  
 no work  
 on Saturdays

Note: A zero indicates no data available.  
 Source: Institute of Transportation Engineers  
 Trip Generation, 7th Edition, 2003.

TRIP GENERATION BY MICROTRANS