

CPC Question: Describe anticipated impacts on Woodward road conditions, if any.

Per MDOT, the Amazon truck traffic will impact Woodward and 8 Mile road in the following ways:

Woodward Ave was designed to carry up to 860 trucks per day (3.5% CAADT). In 2019, Commercial Average Annual Daily Traffic (CAADT) or truck traffic was 491 or 2% of AADT. The maximum projected CAADT with Amazon is 693 or 2.8%. This will still be less than Woodward's capacity. Furthermore, MDOT has committed to perform any emergency repairs and maintenance work necessary to keep Woodward in good condition.

8 Mile road was designed to carry up to 2,356 trucks per day (4% CAADT). In 2019 CAADT was 1,766 or 3% of AADT. The maximum projected CAADT with Amazon is 1,924 or 3.2%. This will be less than the design capacity of 8 Mile road. Furthermore, in 2022, MDOT will perform a major rehabilitation project on 8 Mile Road between Southfield Road and Van Dyke in 2022.

The map identifies that there are no weight restrictions on 8 Mile Road or Woodward Avenue since both roads are deemed Special Designated Highways that are "For Year-Round Service". Additionally, both 8 Mile Road and Woodward Avenue are state routes and according to MDOT's National Functional Classification map (PDF linked below) both roads are classified as principal arterials which provide direct access to interstates / freeways.