

Date	Building Address Points, as the address matching database	Maryland MVA Vehicle Registration Addresses to be geo-coded	Round 1 machine address matched	Round 1 Machine Match Rate (%)
Nov. 2011	306,151	748,798	738,390	98.61%
Nov. 2012	322,795	754,641	750,447	99.44%
Nov. 2013	330,368	755,908	751,862	99.46%

Table 1. As the quality of the Building Address Points improves, the Round 1 Machine Address Match rates increase. To process the Nov. 2013 MVA registration addresses, only 4,046 (0.54%) fallout addresses require examination and correction.

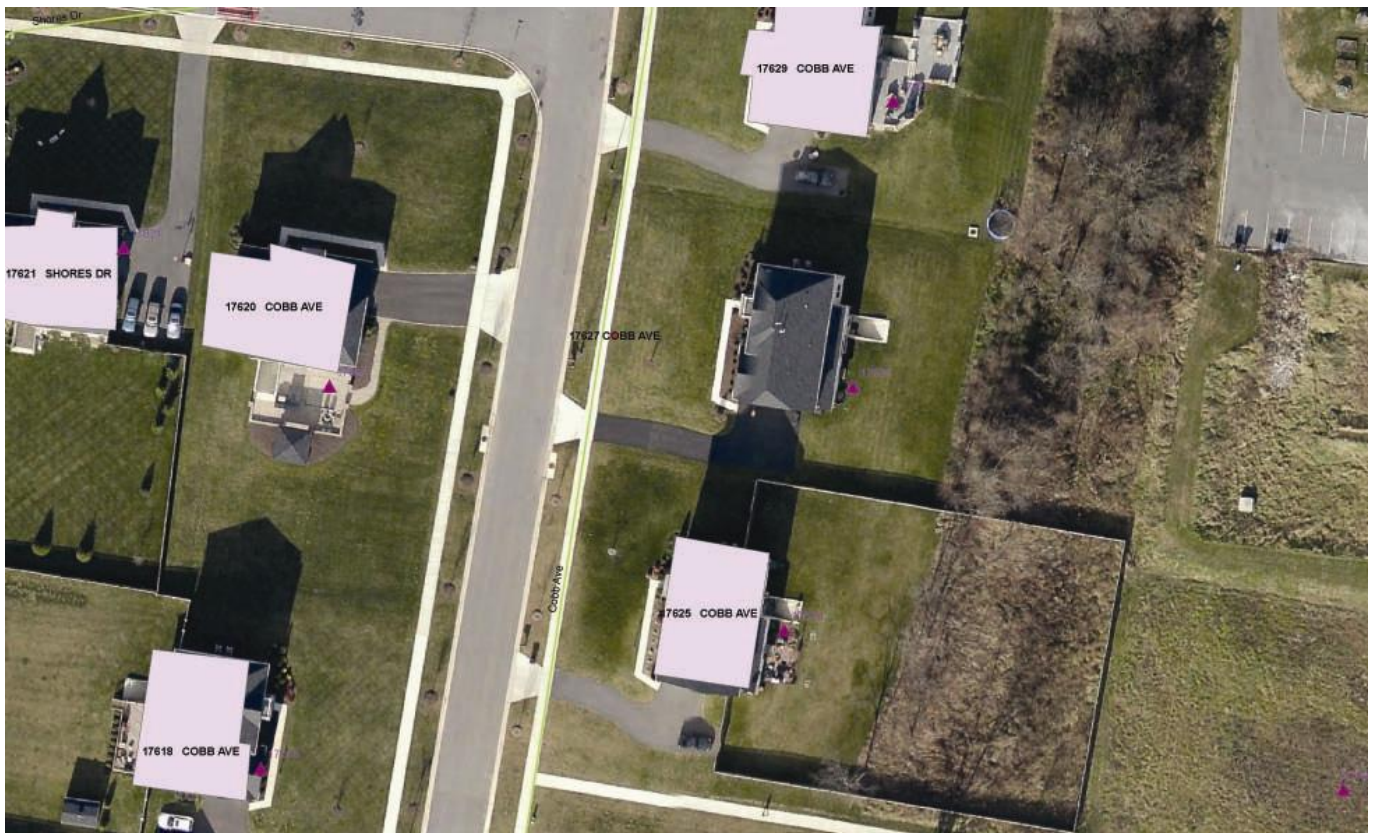


Figure 1: A location error based on a new building not recorded (the one without white polygon depicting the building footprint). With up-to-date aerial orthophotos available, the footprint can be heads-up digitized off the aerial image.



Figure 2: An error based on an incorrect street assignment to a building. The 3 buildings on the right have been assigned Quaker Knolls Rd but should be Quaker Knolls LA.

# MVA registration addresses within Montgomery County

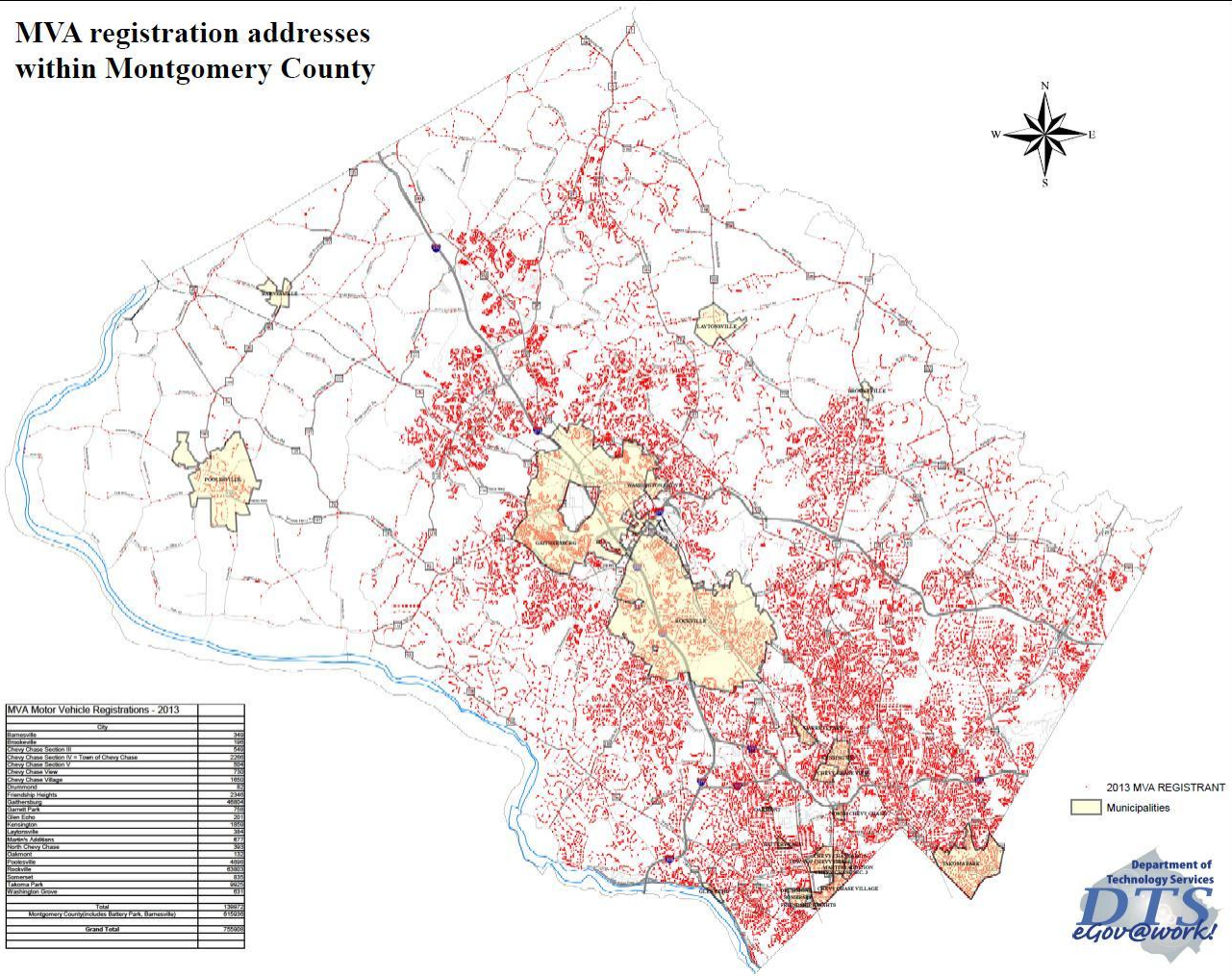


Figure 3: The MVA addresses were geocoded against the existing unique building addresses and a geographic point layer was created. Once these points were overlaid with municipal boundaries, exact MVA registration totals for the municipalities and for the County can be established. These totals have been used by Maryland State Highway Administration as the basis for administering the (equitable) revenue sharing with the County and the municipalities within the County.