

## **Analysis & Request for Traffic Calming**

4400 Block of Clydesdale Ave - Baltimore, MD 21211

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### **Prepared by:**

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### **Request:**

Additional analysis of current traffic demand, rightsizing of speed restrictions, and implementation of traffic calming measures at the 4400 block of Clydesdale Ave. This request is expected to receive universal support from all neighbors of the 4400 Block.

### **Traffic Calming Measures Requested:**

- **Reduced Speed Limit:** Current speed limit of 25 Miles Per Hour to be reduced to 15 Miles Per Hour
- **Speed Humps/Bumps:** Multiple Speed Humps/Bumps to be installed in increments to limit excessive speed over posted speed limit of 15 Miles Per Hour (Speed Humps/Bumps should be designed with adjusted speed limit).

### **Summary:**

The 4400 block of Clydesdale Avenue is a quiet residential street with approximately 22 single family homes stretching a span of ~1,090ft. The street is tucked away in the neighborhood of Medfield in the 20211 zip code. The street varies in width, and allows for parking in some areas. For the majority of the street, there is not ample room for two vehicles travelling in opposite directions to pass each other, certainly not at the posted speed limit of 25 Miles Per Hour. The street also features two crests that block visibility of oncoming traffic completely. The street, in parts, feels more like an alley than an avenue.

While the street itself has limited traffic to serve its 22 households (many of which with children ages 0-5), the street is used as a pass through to access other portions of the neighborhood that are best served through other streets. Because of the increased demand from surrounding and nested developments, the street sees a significant amount of traffic passing through it. It can be understood that the utilization of the 4400 Block of Clydesdale Avenue is so high because of the existing traffic calming in the surrounding and adjoining streets, and because of the more direct routing for one apartment complex in particular. The street, however, is not designed to handle such volume of traffic, particularly at the speeds of which pass-through traffic travels. While only 22 households for primary demand, the street takes on the demand of far more.

Traffic volume, though, is not the problem. The problem is this is a pass through street with widths unaccommodating to two way, 25 Mile Per Hour traffic. With that comes significant conflict zones as vehicles have to slow to a stop, or pull off into driveways to allow other passenger vehicles pass. Delivery vehicles do not accommodate for any passing and can sometimes block the road (which is not an issue if the demand were rightsized/re-directed).

On top of all of this is the excessive speed. As noted, significant portions of demand of the street comes from neighboring developments. It is a daily occurrence that vehicles will reach an estimated speed of 10 miles per hour or higher over the posted speed limit. Even vehicles travelling at the posted speed limit appear to be speeding due to the narrow road quiet alley-like feel.

### **Demand & Primary Access Points for Nested Developments**

Beyond the single family demand on the street, there is a large apartment complex called Roland Ridge that sits to the west of Clydesdale Ave. Much of the traffic, and many of the speeders, have their destination as Roland Ridge.

Roland Ridge is accessed through La Plata Ave to the west. For traffic heading to the southern portion Roland Ridge, Clydesdale Ave is favored (while not particularly more convenient, less one of the buildings at the corner of Wood Heights and La Plata.

For Roland Ridge, La Plata should be considered the primary access road as it accommodates two way traffic and parking on both sides. La Plata too has a 25 MPH speed limit.

In addition to this, the Medfield Heights Elementary School is at the bottom of Clydesdale Ave and because of the traffic calming in place on Buchanan Ave and Grandview, Clydesdale takes on more traffic. Much of the school traffic speeds as well.

### **Existing Traffic Calming Measures**

Other traffic calming exists in the form of speed humps along Wood Heights, Buchanan Ave, as well as Grandview Ave. All of these streets serve as access to the demand drivers from Cold Spring Lane and Falls Road. As a result of these traffic calming measures, and the lack of on Clydesdale Ave, Clydesdale takes on more utilization.

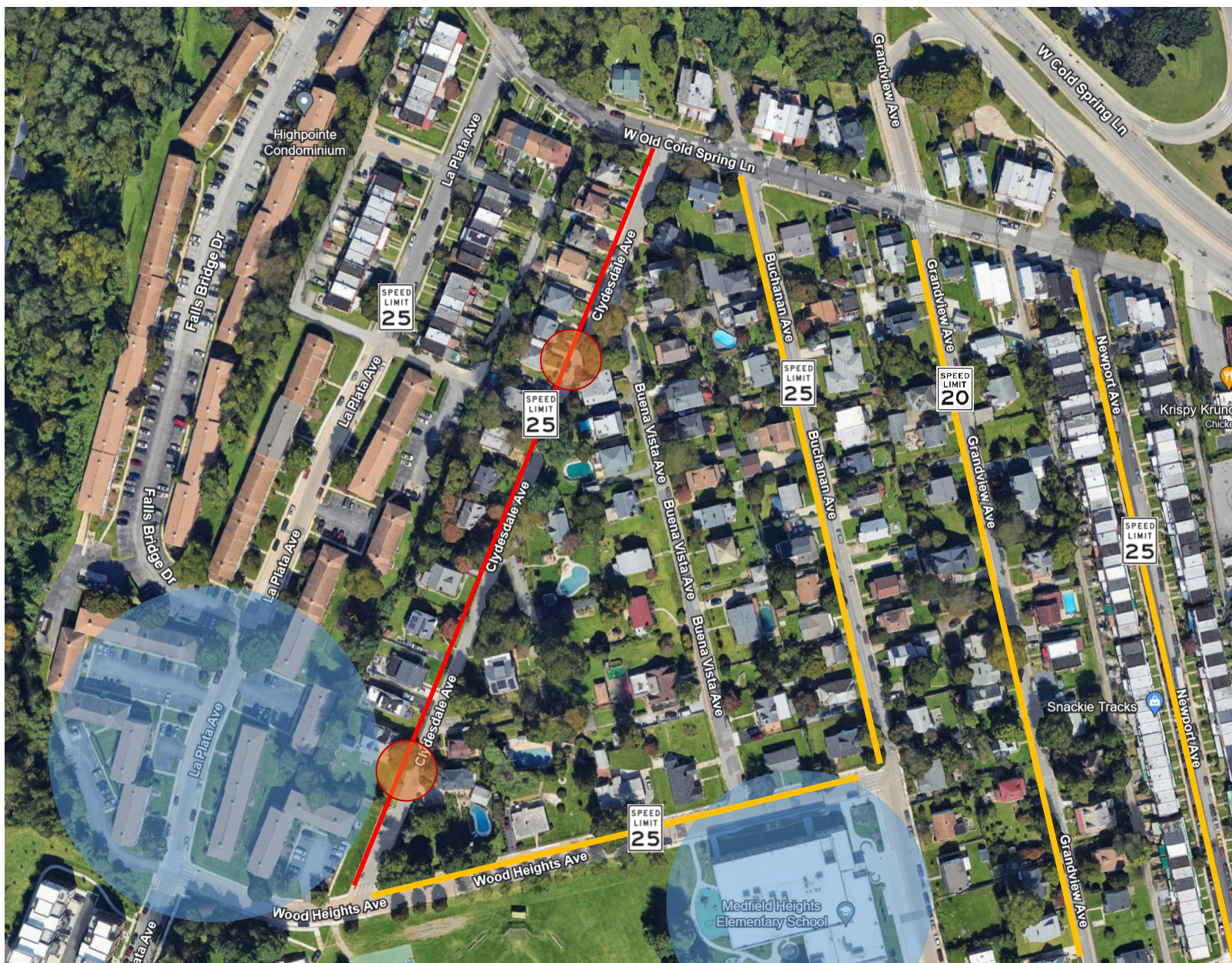
Most recently, Wood Heights Ave received speed humps.

Thank you for your consideration to help keep our neighborhood safe. There have been countless near collisions and there are several families with small children that are threatened by excessive speeding on our street.

Justin Donaldson



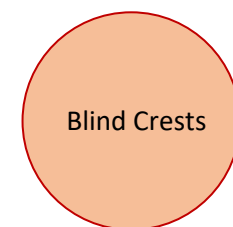
See next page for map to illustrate current traffic calming, speed limits, and conflict zones:



Clydesdale Ave



Existing Speed Humps



## Blind Crests on Clydesdale Ave

*4432 Clydesdale Ave facing South*



*Same as above on other side, now facing north. Note how narrow street is.*



*Clydesdale/Woodheights Ave facing North*

