

## FATAL CRASH REVIEW

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**Location:** Norbeck Road (MD 28) and Llewellyn Manor Way  
**Crash Date/Time:** Friday, October 23, 2020 at approximately 8:20 PM  
**Local Case No.:** 200041917  
**Police District:** District 4  
**Review Date:** Monday, November 2, 2020

### Description of Crash:

The preliminary investigation by law enforcement indicated that around 8:20 PM a 2014 Yamaha FZ-09 motorcycle travelling westbound on Norbeck Road, struck a northbound 2007 Toyota Prius crossing Norbeck Road departing Llewellyn Manor Way to the Northwest Branch Recreational Park (NBRP) access across Norbeck Road. The operator of the motorcycle eventually died as a result of his injuries.

### Location and Site Description:

Norbeck Road is County maintained and classified as a Major Highway oriented east-west with a 45 MPH posted speed limit at the collision site. The intersection of Norbeck Road and Llewellyn Manor Way is a four-legged intersection, with stop signs at Llewellyn Manor Way and the NBRP access to Norbeck Road. Norbeck Road through the intersection is a 4-lane divided roadway with right and left-turn bays on both the eastbound and westbound approach. The southbound approach from Llewellyn Manor Way is a 26' wide unmarked 2-lane undivided approach. The northbound approach from the NBRP access is a 3-lane undivided approach marked with one inbound lane and two outbound lanes. The right-turn movements from both side streets are provided a short acceleration lane along Norbeck road. An 8' bituminous shared use path is present on the north side of Norbeck with a grass buffer. An unmarked crosswalk with pedestrian ramps is present across the Llewellyn Manor Lane approach.

### Site observations:

An on-site evaluation of the intersection was conducted on November 2, 2020 around 9:30 AM. The following was noted during the evaluation:

- **Road Geometry:** The intersection is located on a tangent portion of Norbeck Road. Immediately to the east of the intersection, Norbeck Road curves to the (east or west?). The stopping sight distance was determined to be 650 feet on all approaches, meeting MdMUTCD requirements.
- **Pavement markings:** Pavement markings were found to be in good condition and visible.
- **Signing:** Existing signing was found to be good condition, visible, and placed properly.
- **Pedestrian Facilities:** An 8' bituminous shared use path is located on the north side of Norbeck Road. Pedestrian ramps with no marked crosswalk span the Llewellyn Manor Way approach and these ramps were found to be non-compliant with current ADA requirements.

- **Lighting:** The single light located in the northwestern quadrant of the intersection was determined to be functional based on the MCDOT Streetlight Map. A visible confirmation of the streetlight operation was not performed.
- **Drainage:** No evidence of pooling or drainage issues was observed at or near the intersection where the crash occurred.

**Conclusion and Recommendations:**

The following improvements are recommended:

- On the Llewellyn Manor Way approach upgrade the existing pedestrian ramps to current ADA requirements.

**Photo:**



Picture 1: Looking towards the northwestern quadrant of the Llewellyn Manor Way approach from the southeastern quadrant.