

**Evaluation of High Crash Locations
Dark Criteria Study
Location 7**

Improvement Recommendations Matrix - SR 52, MP 2.4-4.29

| Site | Recommended Improvement | Status |
|---|--|---|
| SR 52 @ Methodist Country Home / Golf Club Intersection (MP 2.84) | 1 Evaluate for simple or complex intersection lighting as per Section 4.3.2 of the DelDOT Lighting Design Guidelines. At a minimum, an additional luminaire on the southwest corner of the intersection would improve lighting levels. Also, the lighting levels may benefit from increasing the wattage of the existing 250 Watt luminaires to 400 Watts. | 9/20/2013 - Handed off to Traffic Design. Awaiting prioritization within Intersection Improvements Program |
| | 2 Install a new W3-3 sign north of the intersection on the right side at the road (SB approach) at the location of 325 feet from the stop bar based on 55 mph design speed based on Table 2C-4 in MUTCD 2009. | Maximo work orders 571297 and 571299 issued to signing and pavement markings on 7/26/13 Complete 9/11/2013 |
| | 3 Change the lane marking on the left lane of the westbound approach to a left/through arrow from left only arrow. | Maximo work orders 571297 and 571299 issued to signing and pavement markings on 7/26/13 Complete 8/9/2013 |
| | 4 The utility-owned luminaire on the utility pole located on the northeast corner should receive maintenance attention, as the luminaire is malfunctioning. | |
| SR 52 @ Hillside Rd Intersection (MP 4.07) | 5 Evaluate for simple or complex intersection lighting as per Section 4.3.2 of the DelDOT Lighting Design Guidelines. The roadway section is composed of 4 lanes with a median at south of the intersection; however, the speeds of vehicles on SR 52 (35 miles per hour speed limit) and the geometry of the roadway section north of the intersection (2 lanes with a median) indicate that simple intersection lighting may be more appropriate. | 9/20/2013 - Handed off to Traffic Design. Awaiting prioritization within Intersection Improvements Program |
| | 6 Pedestrian pushbuttons should be relocated to meet ADA standards. <i>A Pave & Rehab project is expected to include this intersection, and would address the ADA concerns.</i> | Complete |
| | 7 The signal heads for the eastbound approach on Hillside Road indicate the approach has a shared left/through lane and a separate right-turn lane, however the lane striping shows only one lane on the approach although the lane is wide enough for two lanes. The combination of the signal heads and lane striping confuses drivers and creates an unsafe condition. It is recommended that pavement markings be restriped with arrows on the eastbound approach. | Complete |