

To: David Martinelli, Ph.D.
Paradigm Development Group, LLC

From: Scott LeRose, P.E.
E.L. Robinson Engineering Co.
Transportation Manager

Re: Intersection of University Avenue with Third Street and Beverly Avenue
Morgantown, Monongalia County, West Virginia

Date: July 8, 2013

At the request of Paradigm Development Group, LLC (PDG) a field visit was conducted on June 26, 2013 of the intersection of University Avenue with Third Street and Beverly Avenue. The purpose of this visit was to assess the issues that currently exist at this location. Upon completion of the site visit, E.L. Robinson Engineering Co. (ELR) was asked to propose several options that would provide for the safe and efficient movement of vehicular and pedestrian traffic at this problematic intersection.

Existing Intersection

University Avenue currently serves as a primary connector between the Sunnyside area and WVU's Downtown Campus. Based on a recent traffic count that was performed through the Sunnyside area, the Average Daily Traffic (ADT) on University Avenue was approximately 10,000 vehicles per day.

The alignment of the existing intersection of University Avenue with Third Street and Beverly Avenue is extremely undesirable. Beverly Avenue's approach to University Avenue is highly skewed (see Photos #1 & #2). Third Avenue is very steep at this location (see Photo #3). A dwelling that is located on the corner of Beverly and University Avenues, as well as the curvature of University Avenue, significantly reduce sight distance. On-street parking along Beverly Avenue reduces the sight distance of motorists on Third Street as they approach the intersection (see Photo #4). There is also a substantial grade change at the intersection of University Avenue and Beverly Avenue (see Photo #5). Although there is a significant amount of pedestrian traffic in the area, the City of Morgantown has indicated that speeding is an issue in the vicinity of the intersection.

