

An aerial photograph of a road intersection, likely SR 52 and SR 82, showing the road layout, surrounding greenery, and utility lines. The text is overlaid on the image.

HSIP NCC SR 52 & SR 82 INTERSECTION IMPROVEMENTS

INTRODUCTION

This intersection was placed in the Highway Safety Improvement Program (HSIP) due to the high rate of accidents as compared to other sites throughout the State. To help improve the safety of the intersection this project will require milling, overlaying and restriping the northbound and southbound SR 52 approaches to the SR 82/Campbell Road/Kirk Road intersection to provide a left-turn lane, a through lane and a right turn lane. This will also require reconstructing SR 52 shoulders and SR 82/Campbell Road/Kirk Road pavement edge. In addition there are some considerations to place bike lanes through the right turn lane and lighting the intersection.

PROJECT SCHEDULE (Based upon available funding)

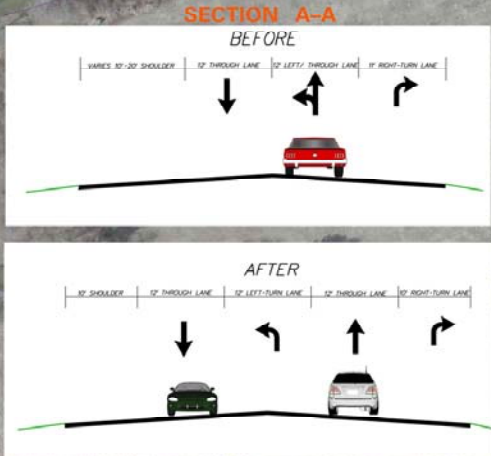
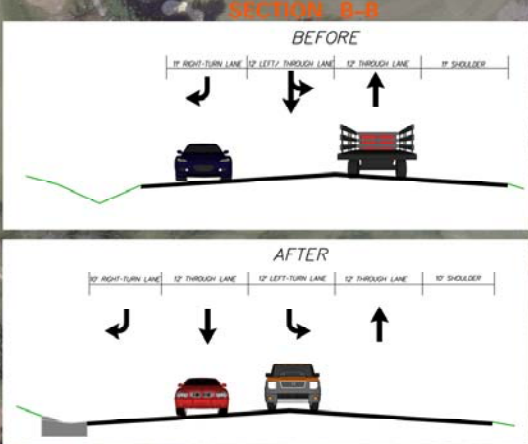
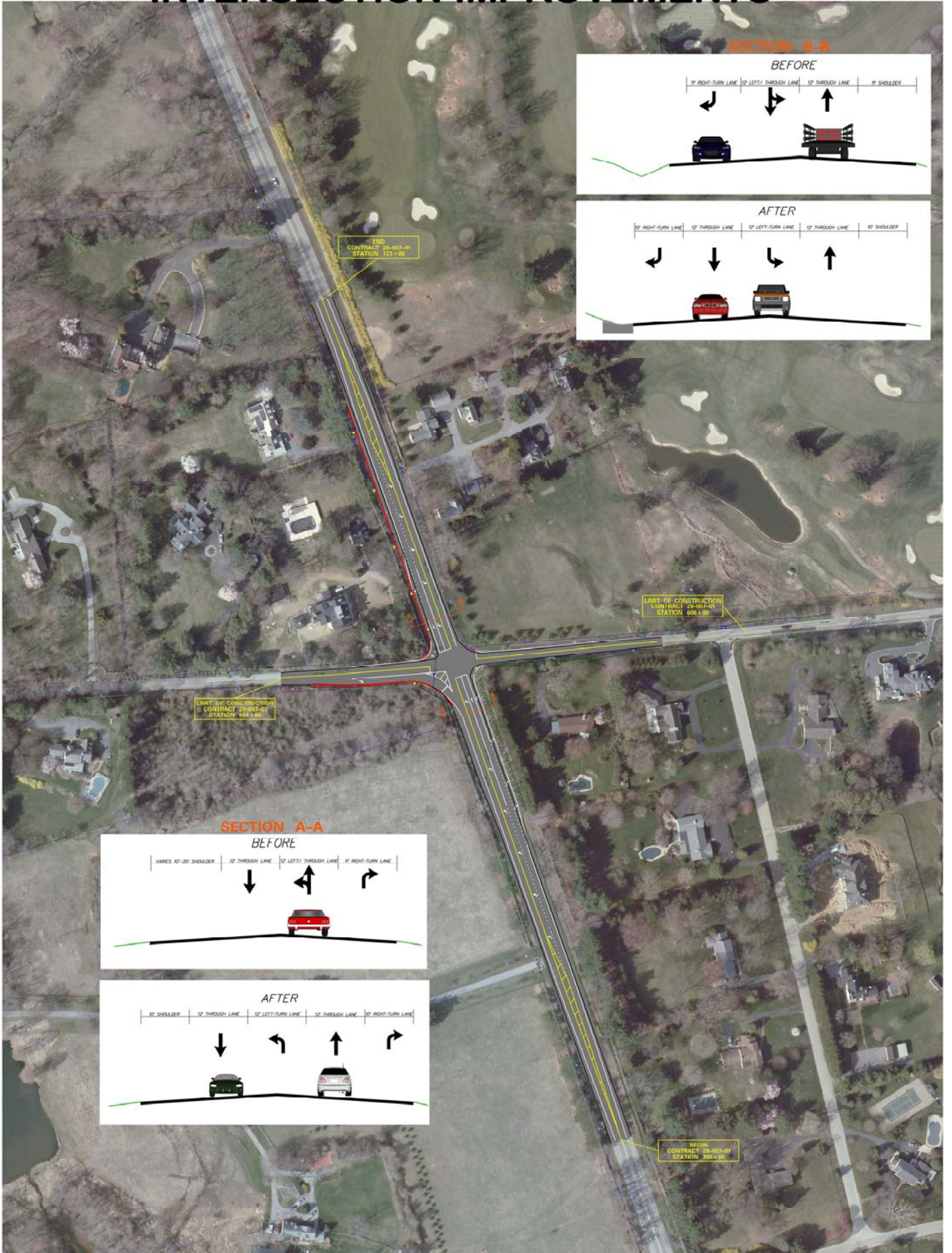
Design Phase - Summer 2008 - Spring 2010

Construction Phase Starts Fall 2010

PROJECT IMPACTS

Throughout the duration of this project, shoulders and lanes will be closed one side at a time on SR 52 and flagger operated on SR 82/Campbell Road/Kirk Road with the possibility of night work. It will also require right of way acquisition along SR 52 & SR 82, relocation of utility poles and some tree removal. Tree impacts will be addressed in keeping with the State's tree mitigation policy.

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An aerial photograph of a residential neighborhood. A road intersection is visible in the center, with several cars parked or moving. To the right, there is a swimming pool surrounded by trees. The area is lush with greenery and houses are scattered throughout.

ACCIDENT DATA

- 73 ACCIDENTS HAVE OCCURRED WITHIN 4 YEARS (2004-2008)**
- 56 PERCENT WERE REAR-END ACCIDENTS MOSTLY ATTRIBUTED BY THE SHARED LEFT/ THROUGH LANE**
- 36 PERCENT RESULTED IN INJURIES INCLUDING 2 FATALITIES**
- 20 PERCENT OCCURRED AT NIGHT**

DESIGN WITHOUT BIKE LANES



DESIGN WITH BIKE LANES



ISSUES TO RESOLVE

Feedback from comments received by the public

- Construction at night - Less impact to traffic and will allow us to complete work in less amount of time.
- Option of bike lane through the right turn lanes on SR 52.
- Addressing existing bus stops on SR 52 and pedestrian access.
- Consistency with the Brandywine and Red Clay Valley Scenic Byways
- Tree Mitigation
- Lighting

You can find this workshop at www.deldot.gov