

Green Road, Gettysburg Road to Plymouth Road

The City's proposal for this location included the following design features:

- Four (4) to three (3) lane conversion between Commonwealth Boulevard and Burbank Drive
- Addition of bike lanes along both sides of roadway between Plymouth Road and Burbank Drive
- Narrow traffic lane(s)
- Asphalt patching together with joint and crack filling in preparation for a pavement preservation treatment
- Placement of a two (2) course "Cape Seal" pavement preservation treatment that includes:
 - A chip seal as the first course
 - Micro-surfacing as the second course
- Installation of permanent pavement markings

Metrics for evaluating this design:

- Before and after implementation crash studies
- Measured queuing and delay studies for vehicles.



Green Road at Plymouth Road, Intersection Options

The City originally developed two design options for this intersection. Both options are acceptable engineering solutions. City engineers are interested in understanding user preferences while evaluating the pros and cons of these designs.

The proposed design features for **Option A** are:

- Fully buffered bike lanes up to the intersection
- Bike box for better lane alignment
- Removal of the right turn lane

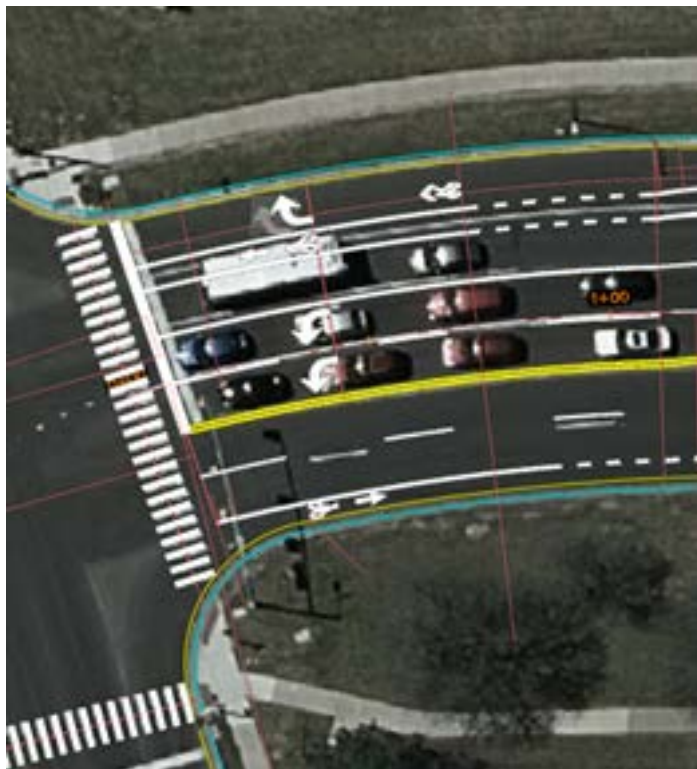
The proposed design features for **Option B** are:

- Continuous bike lanes up to the intersection
- Right turn lane crossing the bike lane
- Retains the right turn lane

Option A:



Option B:



Green Road at Plymouth Road, Intersection Options

The City has developed a third design option for this intersection after the public meeting in response to comments received at the meeting. This solution is a hybrid of the first two options. City engineers are interested in understanding user preferences while evaluating the pros and cons of these designs.

The proposed design features for **Option C** are:

- Fully buffered bike lanes up to the intersection
- Right turn lane crossing the bike lane
- Retains the right turn lane
- Removes one northbound through movement to provide buffered bike lane without impacting intersection operations

Option C:

