Grosvenor Ln @ MD355 and Rock Creek Parkway Intersection

Requested Intersection Re-Configuration to address Pedestrian and Bicyclist Safety Issues

Vision Zero Crash Data (2016-2020)
Grosvenor Ln @ MD355 and Rock Creek Parkway Intersection
Demographics

5,800 nearby residents:
- Elevated concentrations of People with Disabilities
- Elevated concentrations of Older Adult
Grosvenor Ln @ MD355 and Rock Creek Parkway Intersection

- Intersection carries significant volume of pedestrians and bicyclists
  - Rock Creek Parkway “Open Streets” success has increased driver conflicts with bikes/peds at intersection
  - Bicyclists use intersection to transition between Trolley Trail and Rock Creek Parkway
  - Pedestrians use intersection to access trails from Grosvenor Park Condominiums / Towers, King Charles Way Townhomes, and Strathmore Townhomes
- Intersection sidewalk too narrow to accommodate two-way bicyclist and pedestrian traffic.
- Bicyclists and pedestrians spill into travel lanes.
- Intersection lane divider and merge paint and signage erased or non-existent.
- Intersection is, by design, confusing, chaotic, and dangerous for drivers and vulnerable users.
Grosvenor Ln @ MD355 Intersection
Requested Intersection Re-Configuration

A. Install Bike Lane WB Grosvenor Ln through MD355 intersection
B. Install Bike Lane EB Grosvenor Ln through MD355 intersection
C. Install Hi-Vis Crosswalk west leg of intersection on Grosvenor Ln
Grosvenor Ln, east side
Ramp to NB MD355 and U-Turn to SB MD355

A. Install Protected Bike Box
B. Install Stop Sign for NB MD355 Ramp
C. Install Protected Bike Lane
D. Install Yield Line
E. Install Merge Sign
Grosvenor Ln @ MD355 Intersection
Requested Intersection Re-Configuration

Grosvenor Ln, west side Ramp to SB MD355 and Median

A. Extend Sidewalk 15ft
B. Align ADA Curb Cuts and Install Hi-Vis Crosswalk
C. Narrow Right Turn Lane from 17ft to 14ft
D. Install “Stop for Pedestrians in Crosswalk” Signage
Grosvenor Ln @ MD355 and Rock Creek Parkway Intersection
Requested Travel Lane, Turn Lane and Bike Lane Width

1. Grosvenor Ln EB @ MD355 (west side)
   - 5ft
   - 11ft
   - 11ft
   - BL
   - 2 LTL

2. Grosvenor Ln WB @ MD355 (west side)
   - 17ft
   - 5ft
   - 1 thru
   - BL

3. Grosvenor Ln WB @ MD355 (east side)
   - 11ft
   - 11ft
   - 8ft
   - 1 thru
   - Bike Box
   - 1 merge

4. Grosvenor Ln WB @ to MD355 NB ramp
   - 10ft
   - 5ft
   - 1 merge
   - PBL

5. Ramp to Grosvenor Ln WB or MD355 NB ramp
   - 12ft
   - 5ft
   - 1 thru
   - PBL

6. Ramp to MD355 U-Turn (2 lanes), Grosvenor Ln WB or MD355 NB ramp
   - 11ft
   - 11ft
   - 11ft
   - 5ft
   - 2 LTL, 1 thru
   - PBL

7. Grosvenor Ln WB ramp @ Rock Creek Parkway
   - 14ft
   - 6ft
   - 1 merge
   - PBL