

Grant Circle NW Safety and Operations Improvement Study

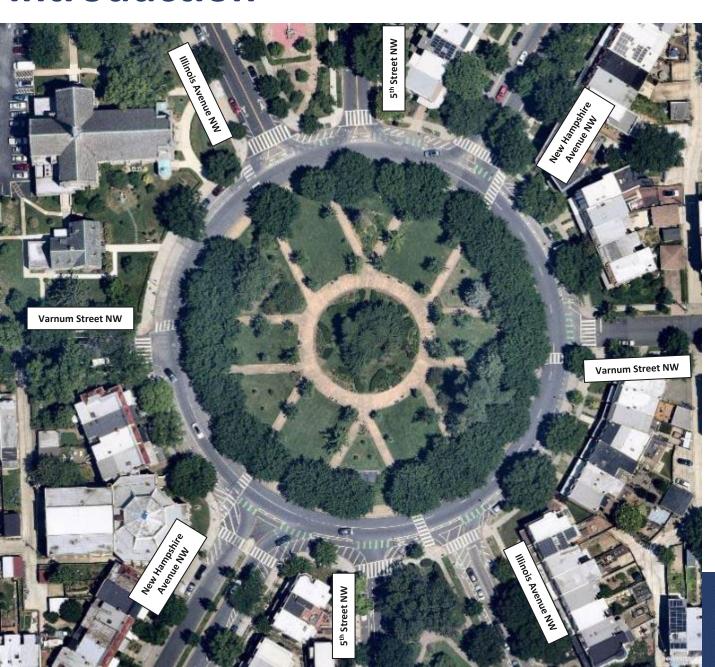
11/08/2023



DISCLAIMER

- The concept drawings and graphics included in this presentation are intended to illustrate the feasibility of the proposed improvements for Grant Circle.
- These concepts aim to: 1) address issues identified in the needs assessment, 2) advance the project's goals of safety improvements for all modes.
- All features of this concept are approximate, may not be drawn to scale, and subject to change.

Introduction



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Challenges Observed



Exiting vehicle making a turn at a poor conflict angle with the bicycle lane and crosswalk



Vehicle illegally parked in the bicycle lane



Pedestrian crossing when a vehicle is entering and exiting the circle



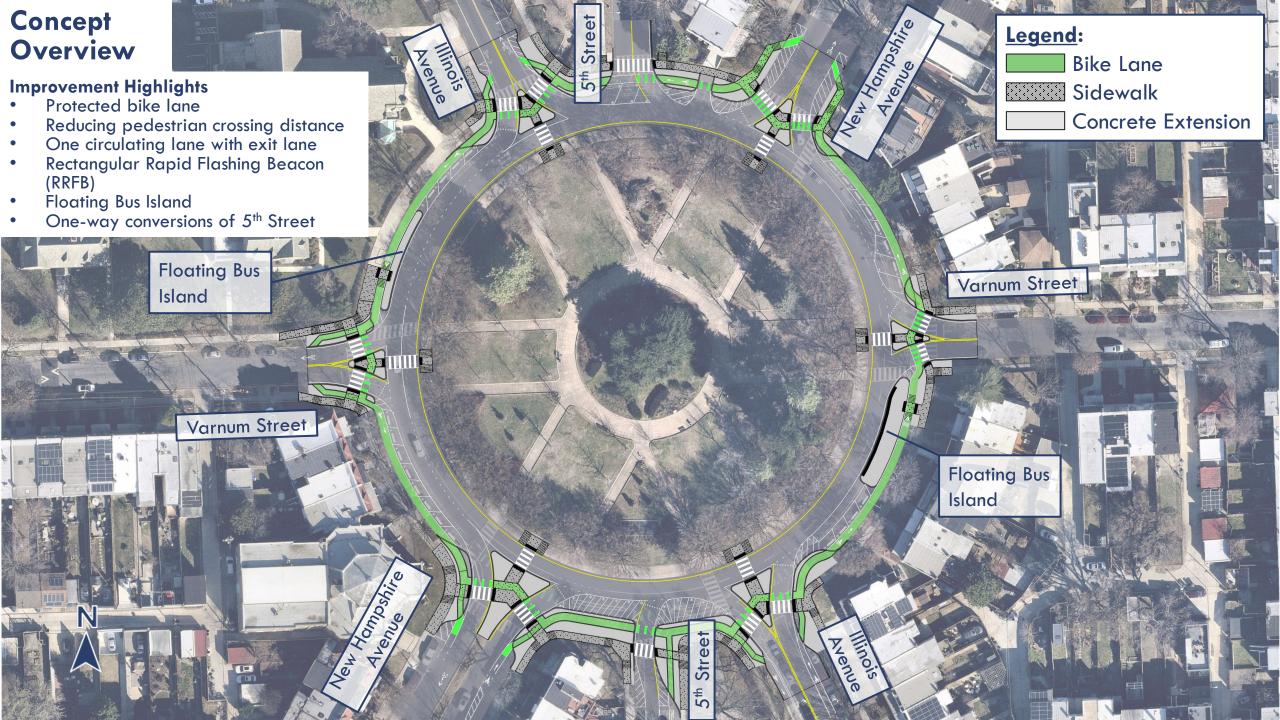
Vehicle illegally parked in the hatched area



Circulating vehicle coming to a sudden stop to yield to a crossing pedestrian



Southbound Illinois Avenue NW queues entering Grant Circle during the AM



Concept Details



- One Circulating Lane with Exit Lane and Protected Bike Lane
 - Installs a fully protected bicycle lane
 - Creates one yield point for exiting and entering vehicles
 - Eliminates multilane threat at 5 of 6 crosswalks and reduces crossing distances
 - Improves vehicle conflict angle with pedestrians and bikes
 - Addresses lane changing/sideswipe crashes
 - Adds bus platforms at the two bus stops within the circle



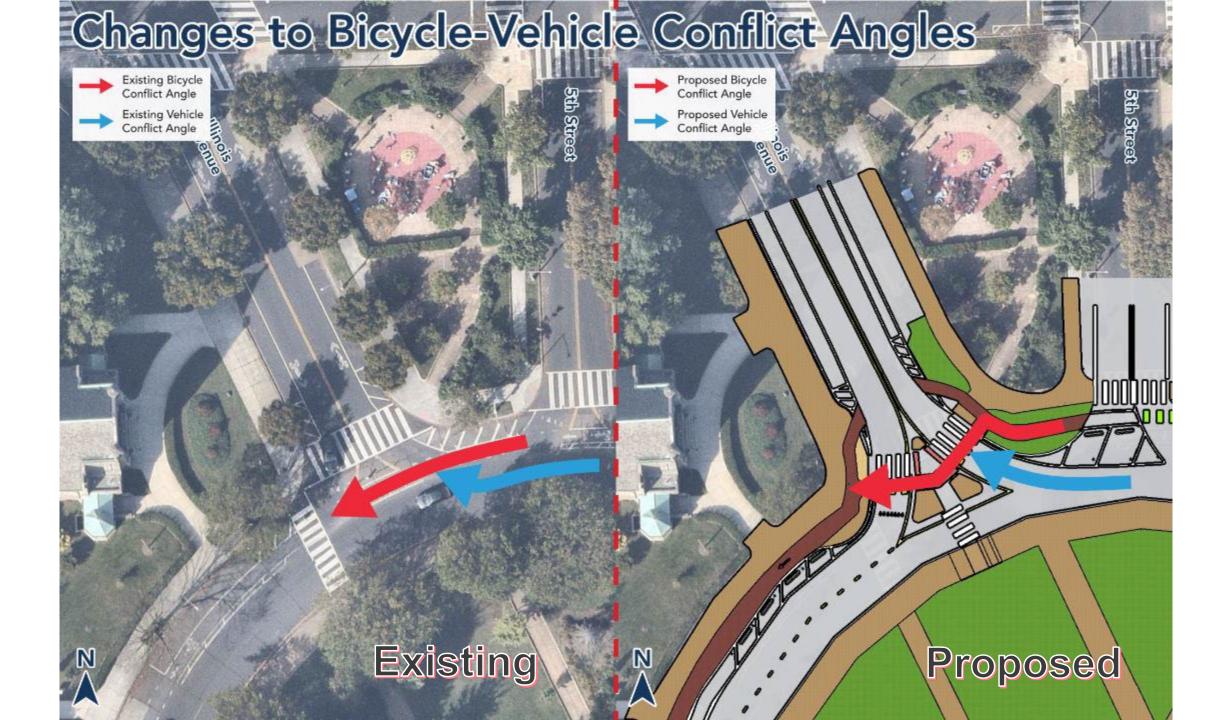


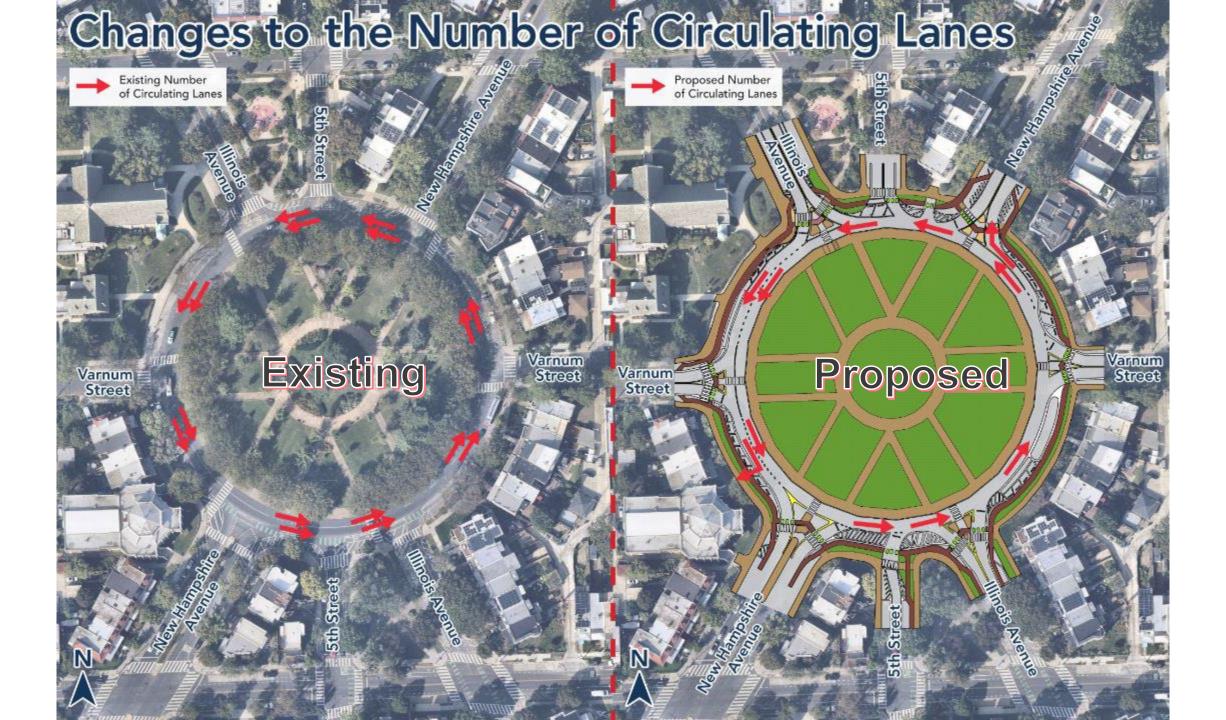
Grant Circle Looking Towards Illinois Avenue (North)

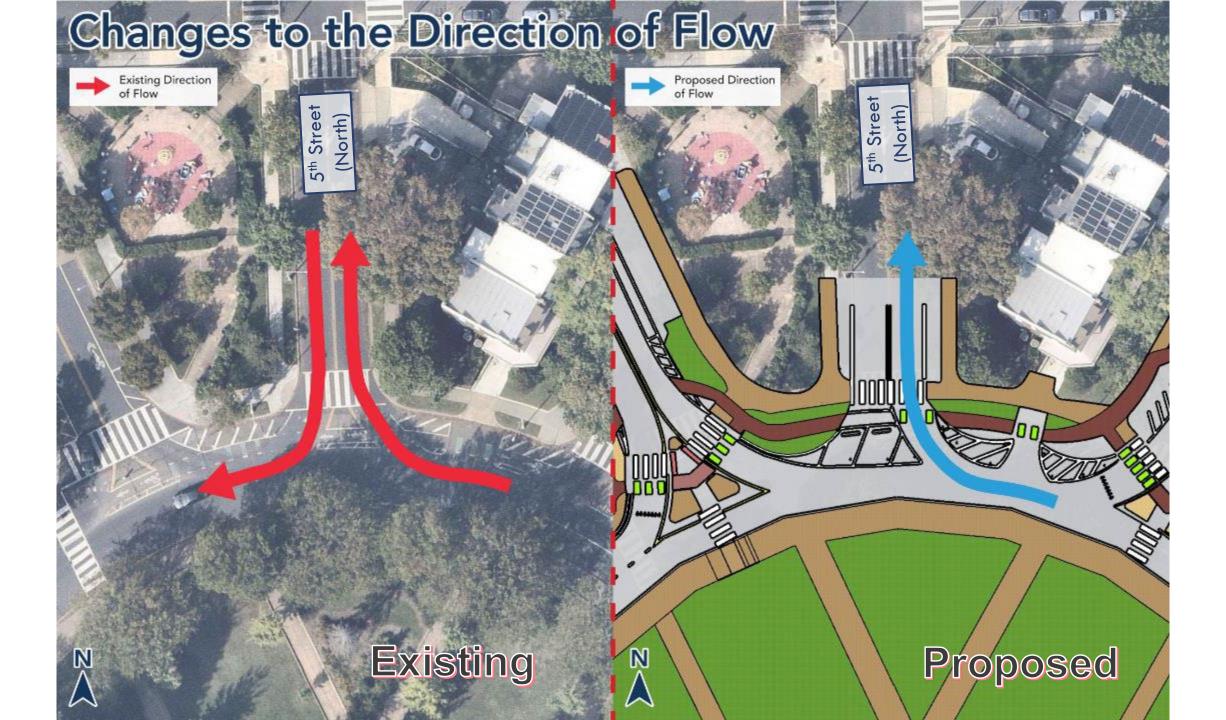


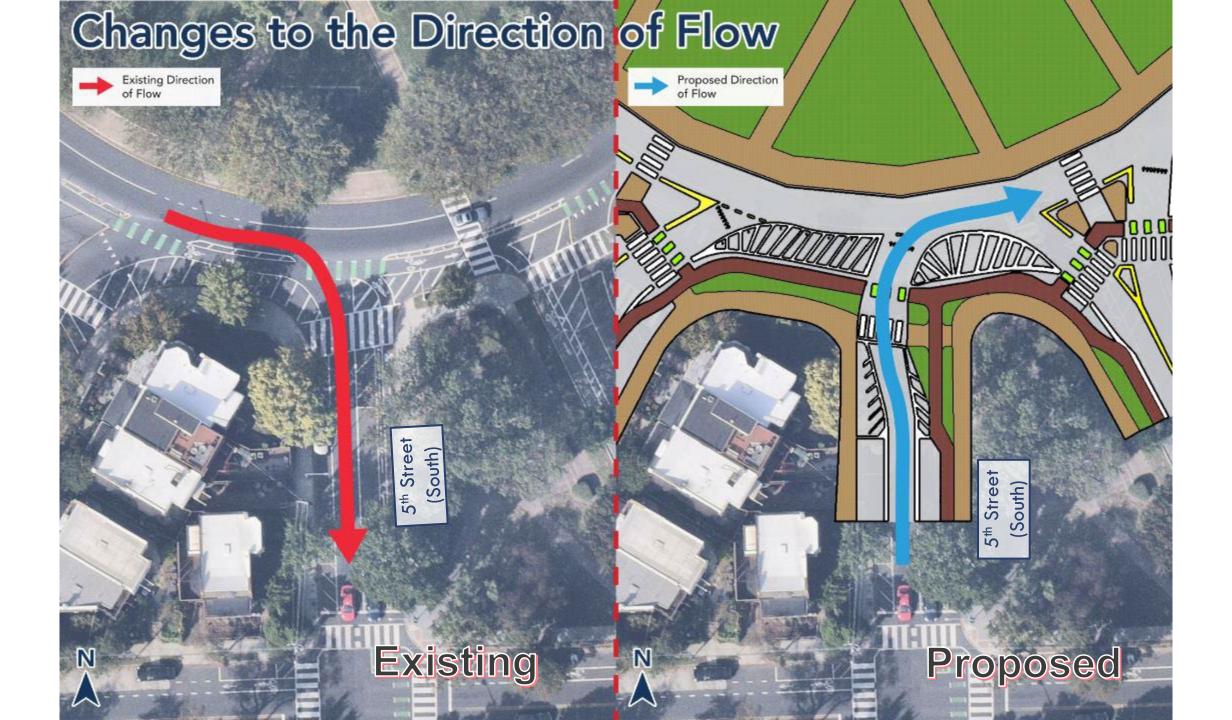


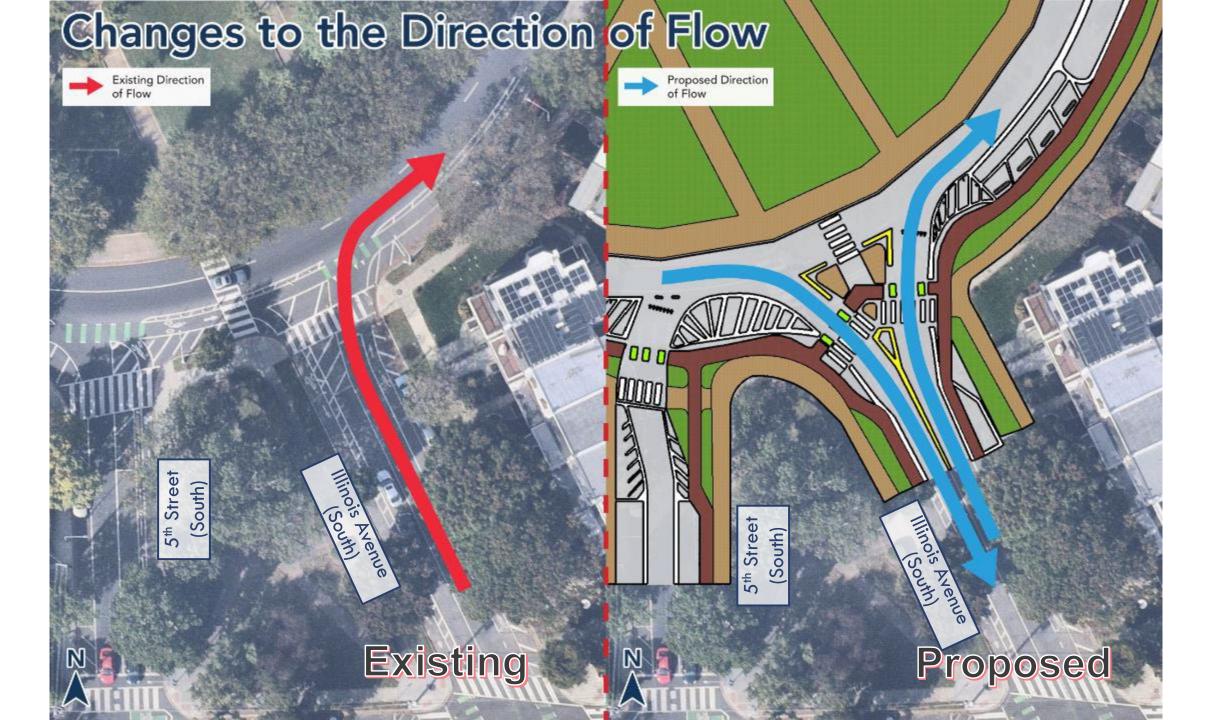














Next Steps

- Review of Community Feedback (2023)
- Preliminary Design (2024)
- Final Design (2024)
- Construction (2025)



District Department of Transportation