

# Neighborhood Street Traffic Calming (NSTC) Overview

---

DARREN PACK, EIT

***NDOT***

# What is Traffic Calming?

---

***“The combination of mainly physical measures that reduce the negative effects of motor vehicle use, alter driver behavior and improve conditions for non-motorized street users.”***

***- Institute of Transportation Engineers***

# The 3 “E’s” of Traffic Calming

---

- Education
- Enforcement
- **Engineering**

# Common Traffic Calming Measures

---

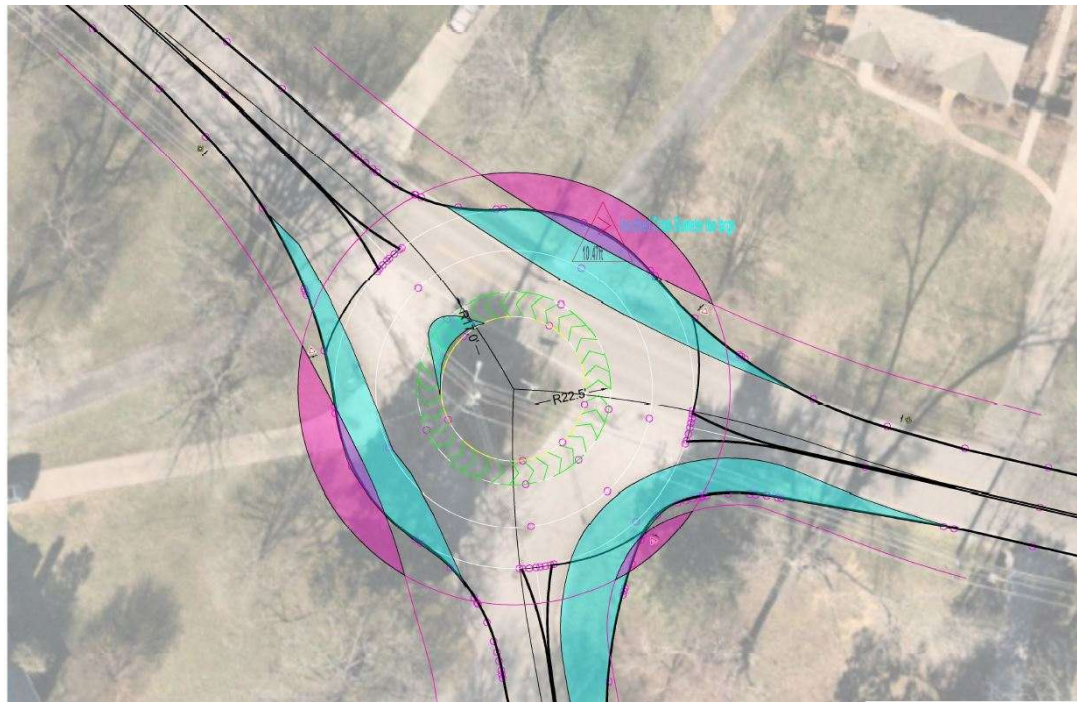
# Traffic Circle



**NDOT**

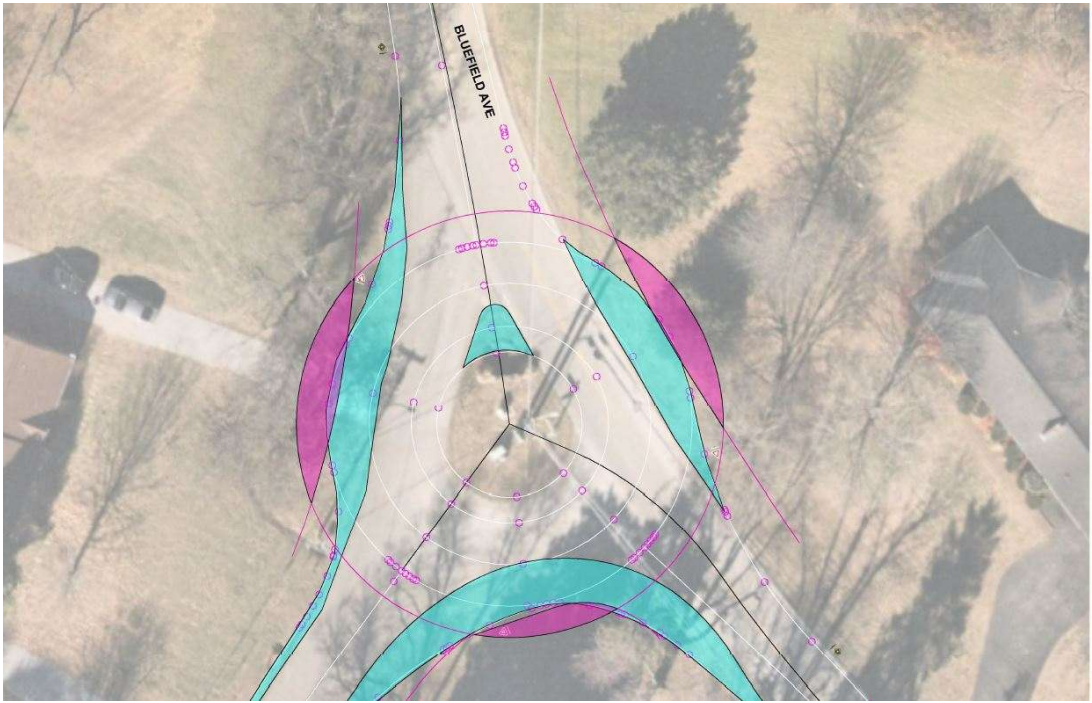
# Traffic Circle -1

---



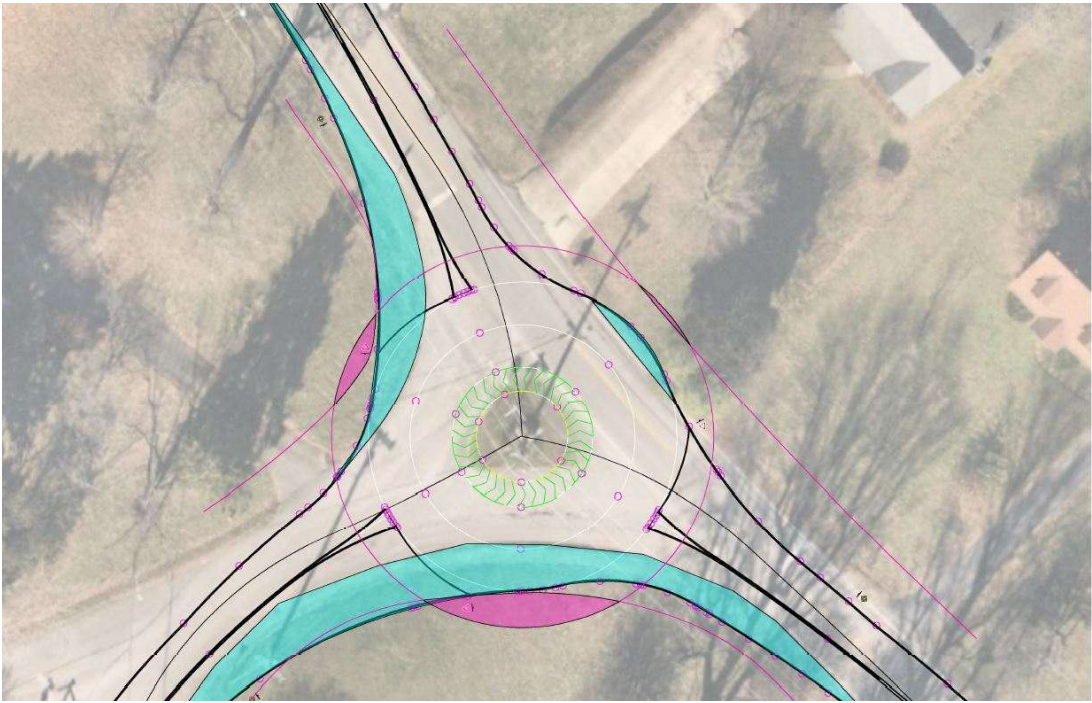
# Traffic Circle – 2

---



# Traffic Circle – 3

---

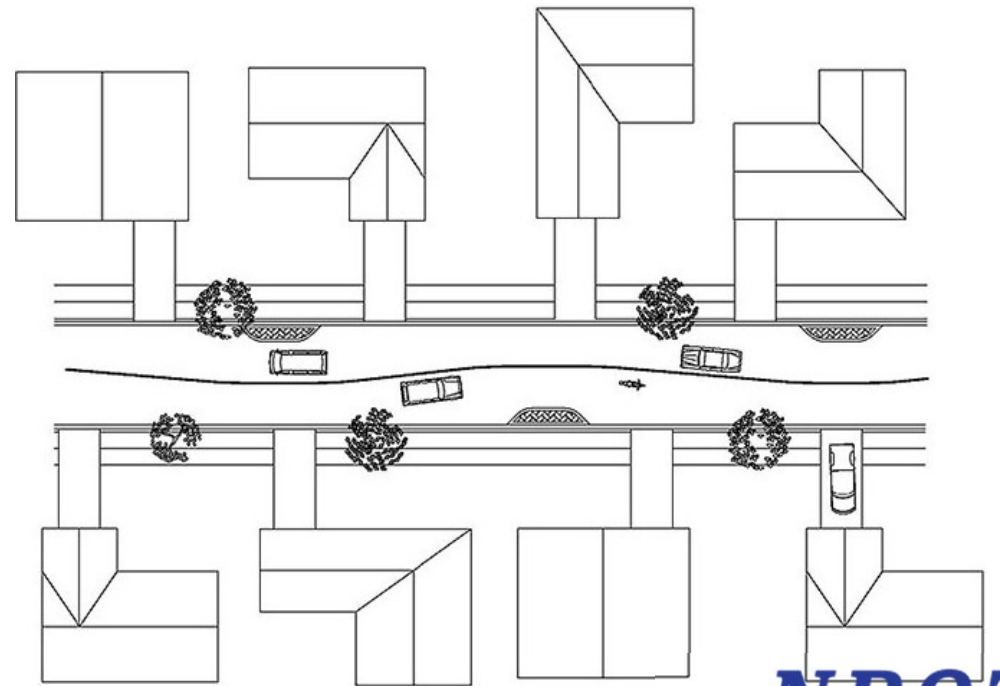




# Chicanes



Source: <https://www.nycstreetdesign.info/geometry/chicane>



Source: [https://safety.fhwa.dot.gov/speedmgt/ePrimer\\_modules/module3.cfm](https://safety.fhwa.dot.gov/speedmgt/ePrimer_modules/module3.cfm)

**NDOT**

# Chicane Concept



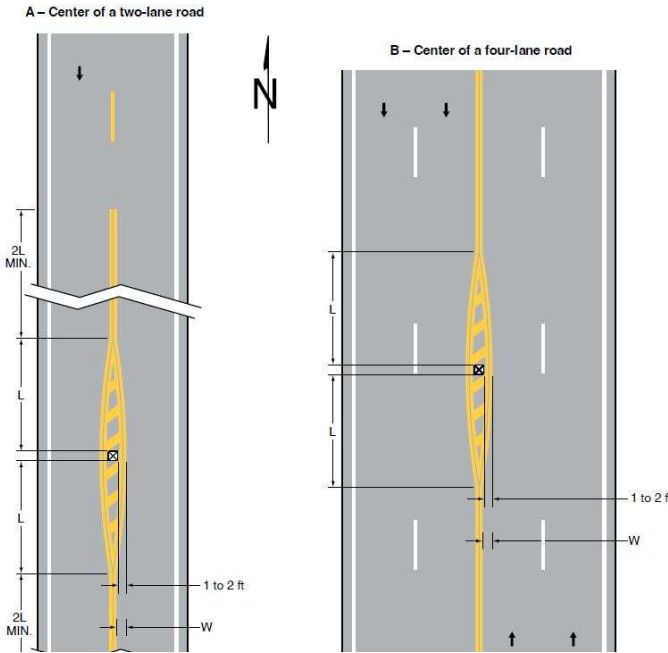
# Roadway Obstruction

---



# MUTCD Reference

Figure 3B-15. Examples of Applications of Markings for Obstructions in the Roadway  
(Sheet 1 of 2)



# Blackman Rd example

---

- Results:


- East of Briarwood Dr:
  - 50<sup>th</sup> Percentile Speed dropped from 41 to 32 (22% decrease).
  - 85<sup>th</sup> Percentile Speed dropped from 47 to 37 (21% decrease).
- West of Darlington:
  - 50<sup>th</sup> Percentile Speed dropped from 36 to 33 (8% decrease).
  - 85<sup>th</sup> Percentile Speed dropped from 42 to 38 (10% decrease).

# Outside of the NSTC program

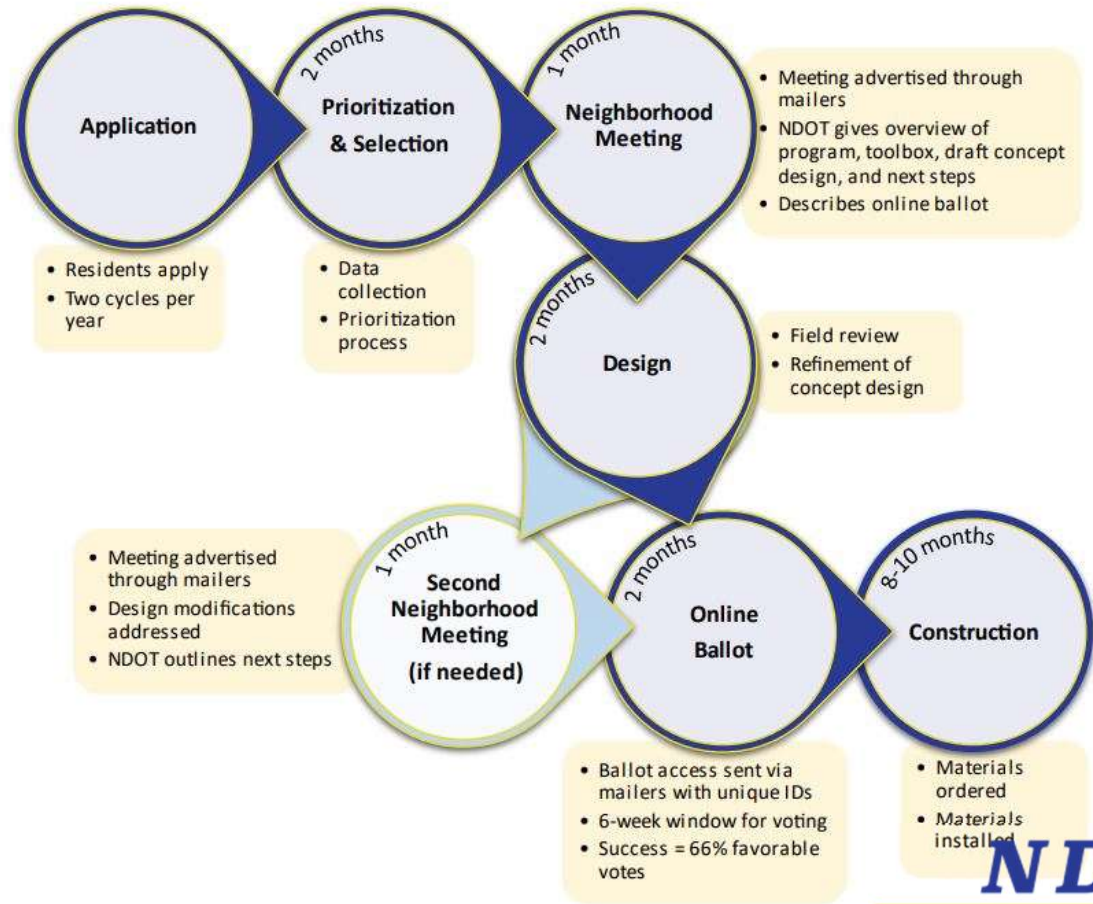
---

-  **hubNashville**

- One stop shop for Metro & NDOT issues | Call 311 (M-F 8am-5pm), online, or via app
- Easiest way to connect to make service requests, ask questions, or share feedback
- New sign requests, new signal requests, and many other things!

-  | Anna Dearman, Walking and Biking Manager, [anna.dearman@nashville.gov](mailto:anna.dearman@nashville.gov)

# Program Flow Chart



# Questions

---

***NDOT***

Darren, Pack, EIT,  
Program Manager  
[darren.pack@nashville.gov](mailto:darren.pack@nashville.gov)

***NDOT***