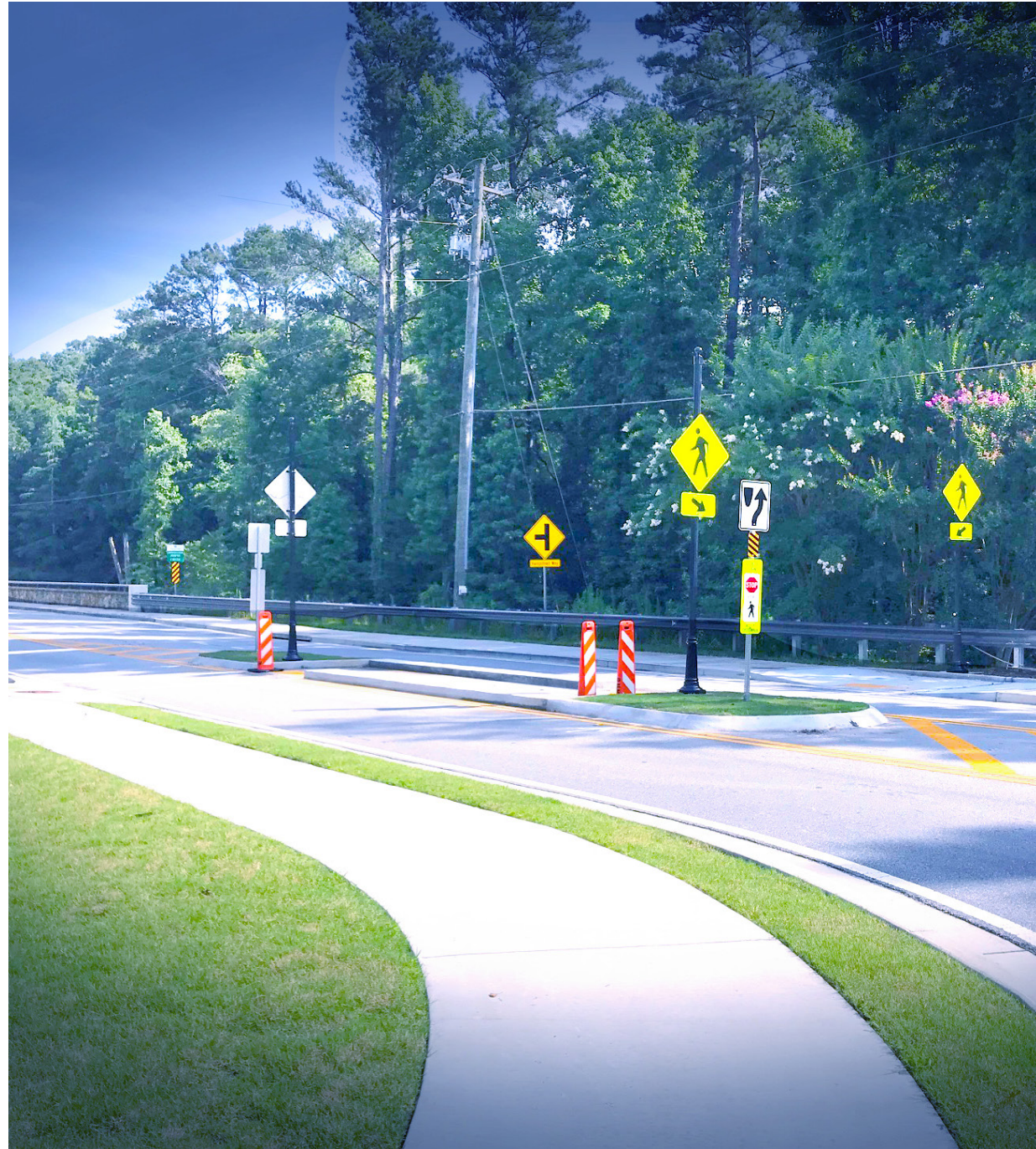


Traffic Calming TOOLBOX



What's in the TOOLBOX?

- What is traffic calming?
- Traffic calming measures in Johns Creek.
- How do I present my concerns?
- How will my concerns be addressed?
- Additional Resources.



What is TRAFFIC CALMING?



Visual & physical improvements within street or public right-of-way to slow vehicular traffic and increase pedestrian and bike safety.

BACKGROUND

The City of Johns Creek invests in creating and maintaining a community that is safe for all vehicles, pedestrians, and bicyclists.

To provide a consistent approach and add clarity to the process to address speeding in neighborhoods, the City of Johns Creek adopted a Traffic Calming Policy in March 2017.



Key features of the policy include:

- establishing thresholds of utilizing traffic calming devices.
- creating a process by which the City would survey owners and residents to determine support for installation of traffic calming devices.

TRAFFIC CALMING MEASURES in Johns Creek

- 1 Targeted Speed Enforcement
- 2 Radar Trailer
- 3 Speed Feedback Signs
- 4 Center/Edge Line Lane Striping
- 5 Optical Speed Bars
- 6 Signs
- 7 Speed Legend
- 8 Raised Pavement Markers
- 9 High-Visibility Crosswalks
- 10 Angled Parking
- 11 Neck Down/Bulbout
- 12 Center Island Narrowing
- 13 Two Lane Choker
- 14 One Lane Choker
- 15 Traffic Circle
- 16 Chicane
- 17 Textured Pavement

Targeted Speed Enforcement

Targeted speed enforcement is used to enforce speed limits and traffic laws by the Johns Creek Police Department.



Radar Trailer

A radar trailer is a mobile device that measures each approaching vehicle's speed and displays it next to the legal speed limit in view of the driver.

Radar trailers are typically placed for a fixed time period (non-permanent).



Speed Feedback Signs



Speed feedback signs are permanently mounted signs that measure each approaching vehicle's speed and display it in view of the driver. The display can be set for flags when measured speed exceeds the posted limit. Speed feedback signs are typically mounted on or near speed limit signs.

Centerline/Edge Line Lane Striping



Lane striping is a length of permanent marking, typically paint, used to delineate formally used travel lanes, bicycle lanes, parking lanes, or edge lines. The width of the delineated lanes can influence speeds of

Optical Speed Bars

Optical speed bars are a series of pavement markings, typically paint, either spaced at decreasing distances or narrowing the travel lanes, to provide the impression of increased speed or narrower travel lanes.



Signs

Signage alerts drivers of various road or traffic conditions intended to calm traffic.

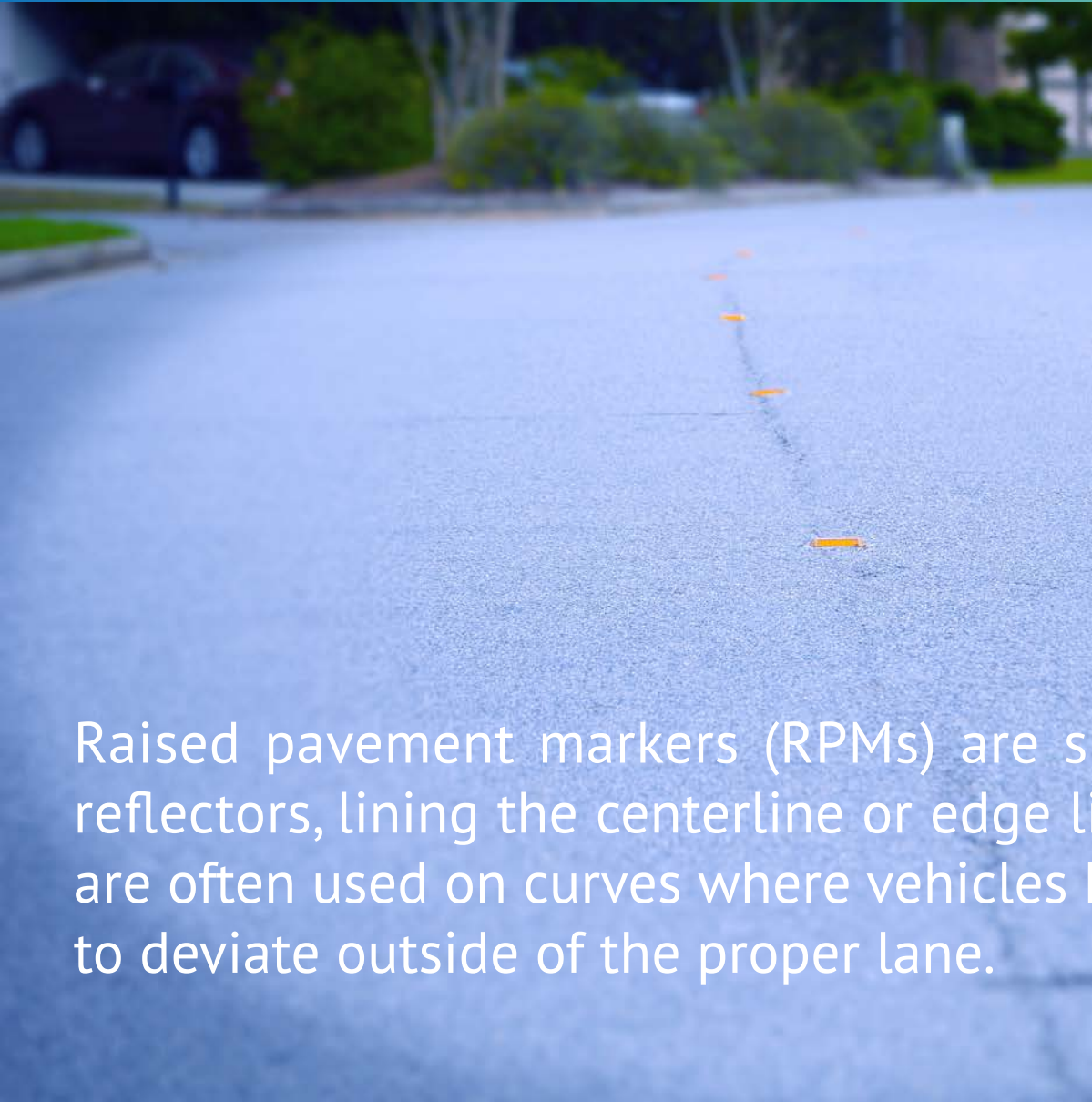


Speed Legend



Speed legends are numerals painted on the roadway indicating the current speed limit in miles per hour.

Raised Pavement Markers



Raised pavement markers (RPMs) are small bumps, including reflectors, lining the centerline or edge line of a roadway. RPMs are often used on curves where vehicles have a higher tendency to deviate outside of the proper lane.

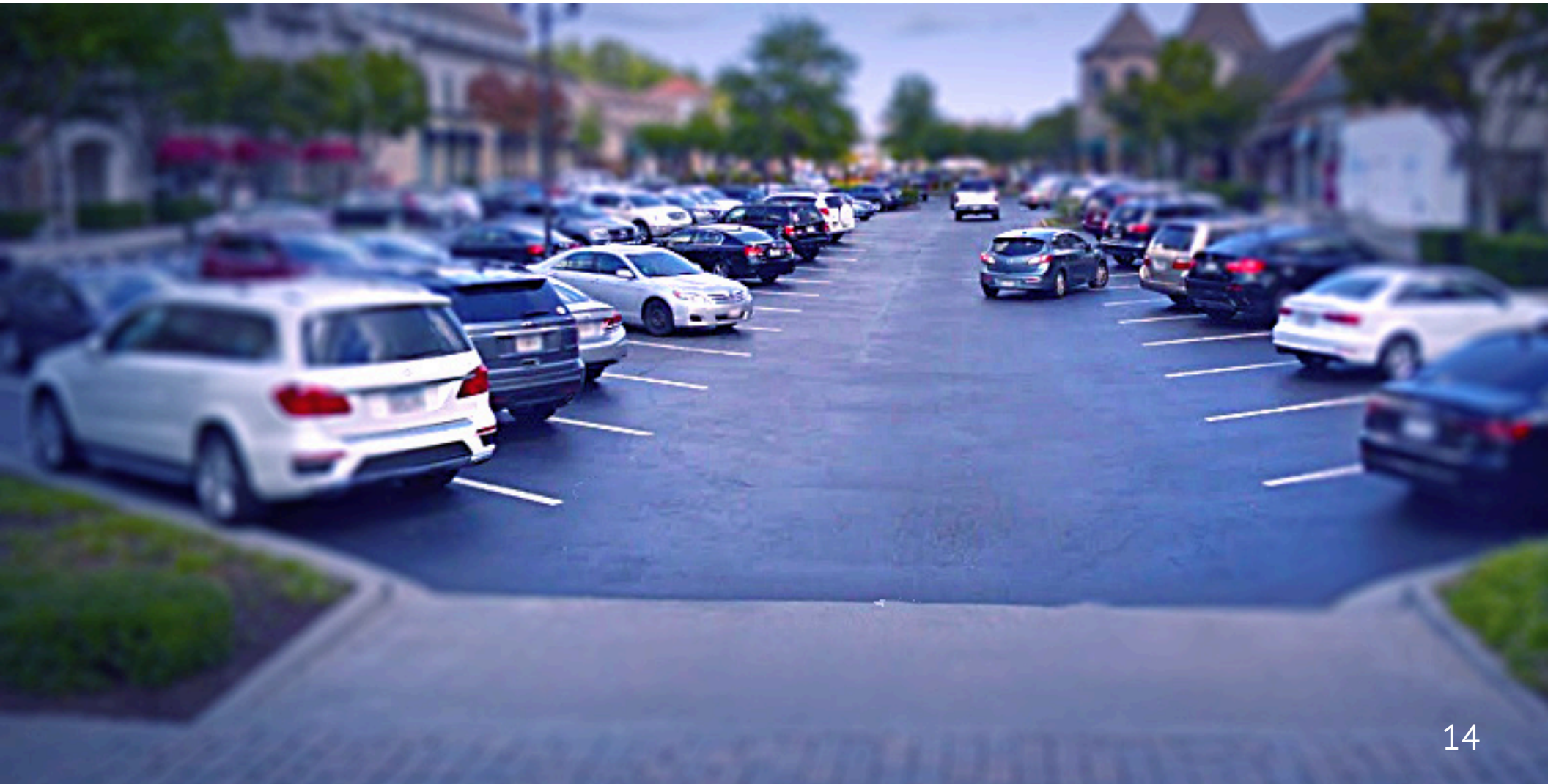
High-Visability Crosswalks



High-visibility crosswalks use special marking patterns and/or raised reflectors to increase the visibility of a crosswalk.

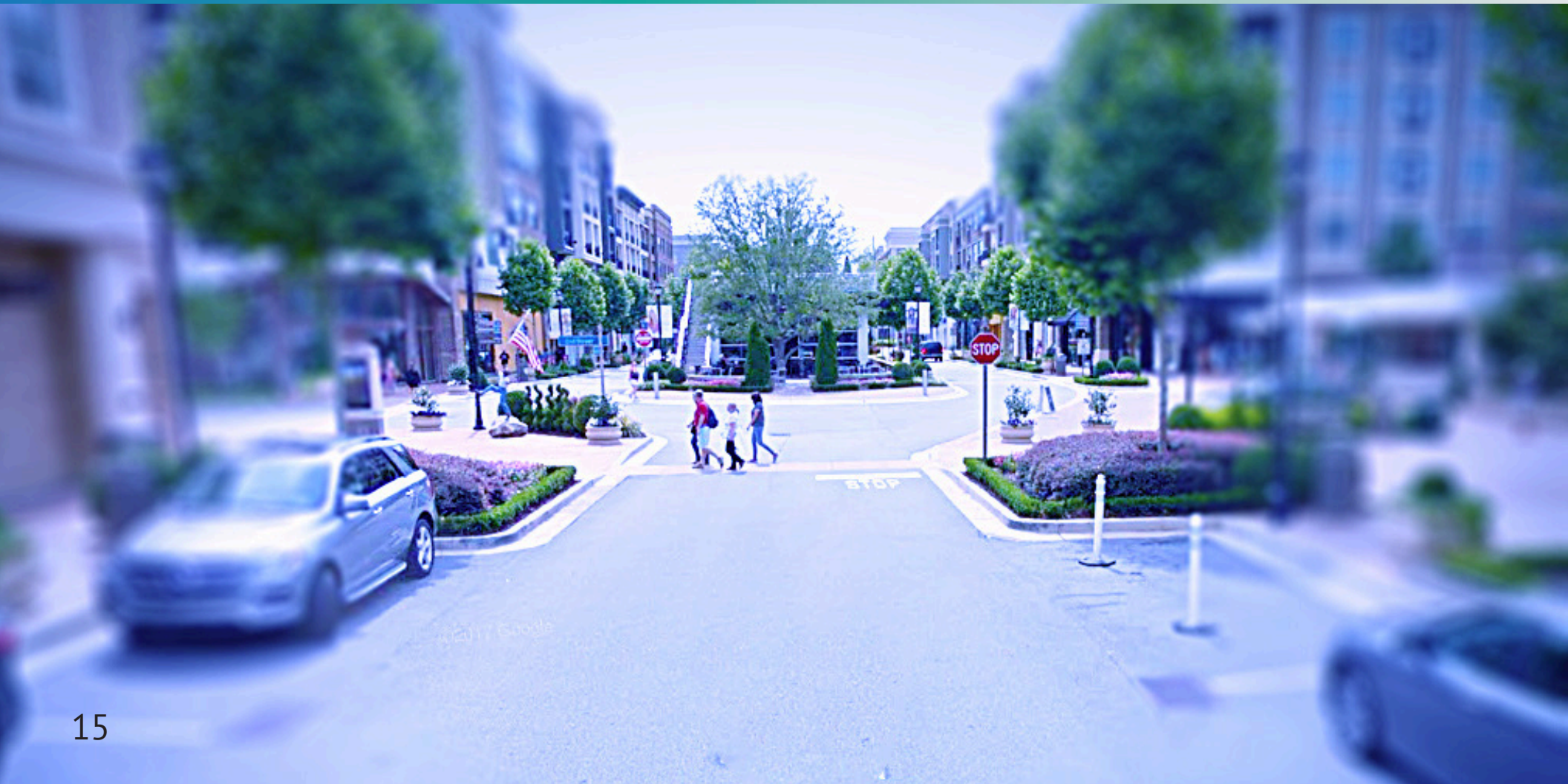
Angled Parking

Angled parking re-orientates on-street parking spaces to a 45-degree angle, reducing the width of the roadway available, which encourages slower travel.



Neck Down / Bulbout

Neck Down/Bulbouts are raised curb extensions that narrow the travel lane at intersections or mid-block locations.



Center Island Narrowing

Center island narrowings are raised islands located along the centerline of a street that narrow the travel lanes at that location. When fitted with a gap to allow pedestrians to walk through at a crosswalk, they are also called “pedestrian refuges.”



Two Lane Choker



Chokers are curbing extensions at mid-block that narrow a street. Chokers leave the street cross section with two lanes that are narrower than the normal cross section which calms traffic.

One Lane Choker



Image Source: U.S. Department of Transportation Federal Highway Administration

One-lane chokers narrow the roadway width such that there is only enough width to allow travel in one direction at a time. Cars approaching on one side must wait until all traffic in the other direction has cleared before proceeding.

Traffic Circle



Traffic circles are raised islands, placed in intersections, around which traffic circulates. Traffic circles are used in conjunction with yield signs at the approaches of the traffic circle.

Chicane



Chicanes are curb extensions that alternate from one side of the street to the other, forming S-shaped curves. The curvilinear travel pattern helps calm traffic.

Textured Pavement



Textured pavement includes the use of stamped pavement (asphalt) or alternate paving materials to create an uneven surface for vehicles to traverse. The texture is designed to alert drivers to slow down.

How do I present CONCERNS?



Resident submits traffic calming issue to the City



If measures are appropriate, City prepares traffic calming plan



Staff reviews to determine if traffic study is appropriate



Residents provide input during a public comment period.



*City determines which, if any, traffic calming measures are appropriate



The plan is presented to City Council for their approval

Additional RESOURCES

Traffic Calming Request

Submit an [online form](#) and staff will review your request.

City of Johns Creek Traffic Calming Policy

View the approved Traffic Calming Policy.

Other Resources:

- City of Johns Creek [Transportation Master Plan](#)
- City of Johns Creek [Comprehensive Plan](#)

