Traffic Calming Project Report

N King Charles – S between New Bern Ave and Oakwood Traffic Circle



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1) Project Overview and Existing Conditions

Project Overview:

The N King Charles - S traffic calming project focuses on addressing the identified speeding and speed related crash issues identified through engineering evaluations along the street.

This project is along N King Charles between New Bern Ave and the Oakwood Traffic Circle.

N King Charles - S was prioritized as #8 out of the highest-ranking propriety traffic calming projects that meet warrants for action. This priority list was presented to City Council with the Neighborhood Traffic Management Program's Annual Report and approved to begin design and engagement work at the May 5, 2026 City Council meeting.

Existing Conditions:

- 85th Percentile Speed: 36 mph in the 25 mph zone
    - This is the speed at which 85% of drivers are going at or under.
- Volume: 1501 average daily vehicle trips
- Crashes: 0 speed related crash in the previous 3 years

2) Desired Outcomes

The goal of this project is to slow drivers down to approximately the speed limit and work to eliminate/minimize future speed related crashes. This will be measured with an after-study to be performed approximately 6 – 9 months after the project's completion.

Staff will define the project as successful if the 85th percentile speed of the street is within 3 mph of the posted speed limit and secondarily a 95th percentile speed of the street within 8 mph of the posted speed limit.

A second after-study will be performed approximately 3 years after the project has been completed to compare crash rates along the street to measure if speed related crashes have decreased.

3) Project Timeline & Engagement

City Council Approval for Design/Engagement: May 5, 2026

Touchpoint 1 – Learn & React: September 14, 2026 – October 2, 2026

- Views: 69
- Participants: 2
- Responses: 2
- Comments: 2

Touchpoint 2 – Review: October 12, 2026 – October 30, 2026

- Views: 67
- Participants: 1
- Responses: 0
- Comments: 1

Touchpoint 3 – View Final Design: November 10, 2026

Construction: Construction bidding spring 2028

4) Touchpoint 1: Preliminary Layout & Feature Options and Resident Feedback

Preliminary Layout:



The preliminary layout recommended 3 vertical devices along the street spaced at approximately 500' intervals.

Resident Feedback:

The general sentiment of the comments is mixed but centered on concerns about speeding and the most effective measure of traffic calming.

Residents voted 50% for speed humps and 50% for speed cushions.

Updated Design Considerations:

Staff is not recommending adjusting the proposed device locations or quantity based on resident feedback. Staff is also recommending Speed Humps be the device that advances. With the split vote of 50%/50% choice, Staff recommends Speed Humps to provide a consistent driver experience since adjacent neighborhood streets also have speed humps.

5) Touchpoint 2: Advanced Layout & Feature Selection and Resident Feedback

Revised Layout:



The revised layout recommended 3 vertical devices along the street spaced at approximately 500’ intervals.

Resident Feedback:

The general sentiment was positive and supportive of the project. A resident emphasized the desire for traffic calming to be installed as soon as possible.

Updated Design Considerations:

Staff is not recommending any changes in response to resident feedback.

6) Touchpoint 3: Final Design and Design Recommendations

Final Design Recommendations:



Staff is recommending 3 vertical devices along the street spaced at approximately 500' intervals.

General Sentiment Breakdown and how engagement informed the design:

First round of engagement found general project sentiment:

- Positive: 50%
- Neutral: 0%
- Negative: 50%

Second round of engagement found general project sentiment:

- Positive: 100%
- Neutral: 0%
- Negative: 0%

Based on neighborhood feedback, Staff has recommended a traffic calming design for N King Charles – S that meets their concerns of speeding traffic and a need for improved safety on the street.