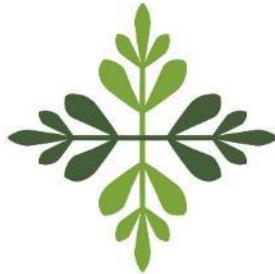


January 31, 2022

Moreland Neighborhood Traffic Calming



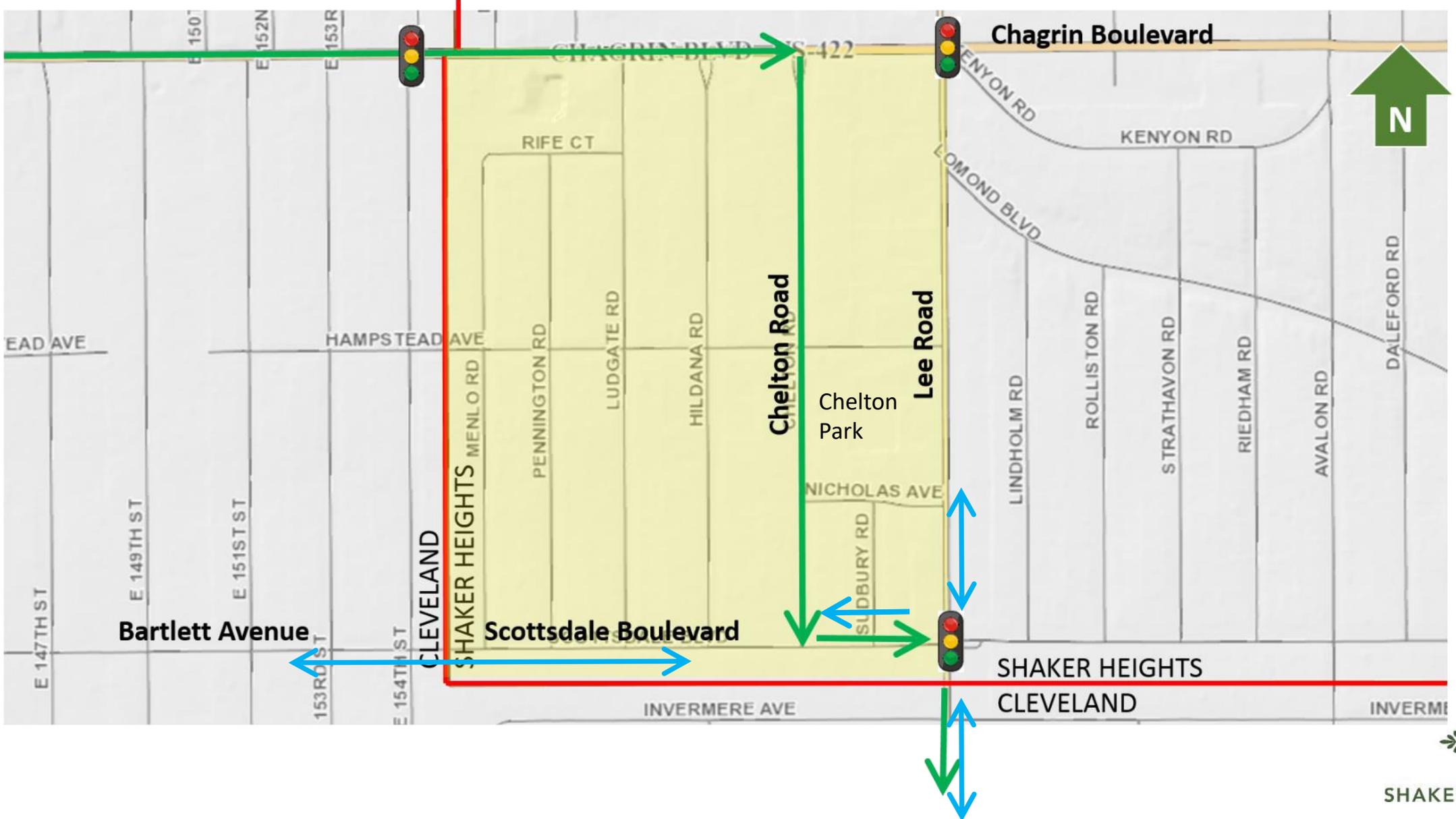
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Meeting Agenda

1. Introductions
2. Project Background & Progress To-Date
3. Project Funding
4. Traffic Calming Examples (to be recorded)
5. Discussion
6. Next Steps



Existing Conditions



City Traffic Count Data

- Chelton
 - 49% of vehicles violated the speed limit
 - Hourly maximum speeds ranged from 32 to 49 MPH
- Scottsdale
 - 42% of vehicles violated the speed limit
 - Hourly maximum speeds ranged from 35 to 60 MPH



Neighborhood Walks & Traffic Calming demonstration



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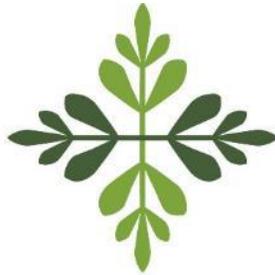
Funding Breakdown

Green Infrastructure Grant	\$221,389
Tree Planting Grant	\$ 30,000
County Grant Funds (Tentative)	\$ 50,000
City Traffic Calming Funds	\$ 85,000
City Scottsdale Resurfacing Funds	\$202,000
TOTAL:	\$590,889



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Moreland Neighborhood TRAFFIC CALMING EXAMPLES



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Traffic Calming Examples

Traffic calming is the use of interventions (traffic calming measures) that provide the following:

- Reduce cut-through traffic
- Slow vehicle speeds
- Improve pedestrian safety



Traffic Calming Examples

Traffic calming consists of physical design elements in place on existing roads to reduce vehicle speeds and improve safety for pedestrians and cyclists.

Traffic calming measures can be implemented at targeted intersections or targeted areas of the street within the neighborhood.



Bump Outs



Pros

- Highly visible
- Reduces road width
- Enhance landscape
- Incorporates Green Infrastructure

Cons

- Requires infrastructure improvements
- Landscape maintenance
- Loss of parking



Curb Extensions at Intersection



Pros

- Highly visible
- Reduces road width
- Improves pedestrian crossing
- Enhances landscape
- Incorporates Green Infrastructure

Cons

- Requires infrastructure improvements
- Landscape maintenance



Choker



Pros

- Highly visible
- Enhances landscape
- One-lane road (15'-18')
- Incorporates Green Infrastructure

Cons

- Requires infrastructure improvements
- Landscape maintenance
- Loss of parking
- Decision point



Chicanes



Pros

- Highly visible
- Challenging
- Enhances landscape
- Incorporates Green Infrastructure

Cons

- Requires infrastructure improvements
- Landscape maintenance
- Loss of parking



Tree Lawn Trees



Pros

- Beautification
- Uptake rainwater
- Creates feeling of enclosure
- Length of the road
- Incorporates Green Infrastructure

Cons

- Less effective
- Landscape maintenance



Mini-Circle



Pros

- Slows traffic at intersection
- Unique element
- Enhances landscape
- No impact to parking
- No stop sign needed

Cons

- Requires infrastructure improvements
- Landscape maintenance



Speed Tables



Pros

- Physical element in roadway
- No impact to parking

Cons

- Snow plowing
- Maintenance to repair
- Can be noisy



Raised Crosswalk



Pros

- Physical element in roadway
- Pedestrian safety
- No impact to parking

Cons

- Requires infrastructure improvements
- Snow plowing
- Can be noisy



Decorative Crosswalks



Pros

- Visual element
- Pedestrian safety
- No loss of parking
- Not noisy

Cons

- May require infrastructure improvements
- Maintenance
- Least effective



Gateway/Public Art



Pros

- Visual enhancement
- Neighborhood identity

Cons

- Landscape maintenance
- Infrastructure improvements



Bollards/Traffic Delineators



Pros

- Minimal infrastructure
- Combine with other tools

Cons

- Snow plowing
- Maintenance
- Loss of parking



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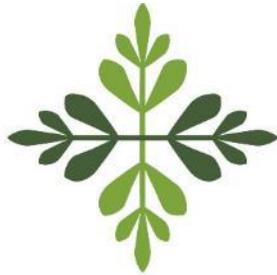
Green Infrastructure Constraints

- Existing vegetation
- Grading
- Drainage Network
- Available Tree Lawn



January 31, 2022

Questions, Comments, & Suggestions



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Next Steps

- Visit shakeronline.com/morelandtraffic to stay up-to-date
- Encourage neighbors to watch the video recording and complete the online survey between tomorrow afternoon and Sunday, February 6
- Attend Neighborhood Meeting #2:
 - Thursday, March 3, 7-8pm via Zoom
- Contact us if you have any questions or additional thoughts:
 - cameron.roberts@shakeronline.com or 216-491-1433





Save the Date: Lee Road Action Plan Public Meeting February 24, 6:30 – 8:30 pm

Virtual or in-person meeting details will be determined soon.

To learn more about the plan and to sign up to receive project communication emails:

www.shakeronline.com/LeeActionPlan



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