

UTGCC HOA

Traffic & Safety Committee

TRAFFIC CALMING PRESENTATION TO UTGCC HOA
BOARD OF DIRECTORS

SEPTEMBER 24, 2019

UTGCC HOA Traffic & Safety Committee

Traffic Calming Presentation – 9/24/2019

The following traffic calming alternatives have been assessed and considered:

- Speed Enforcement by State or County Agencies
- Lane Striping
- Speed Tables
- Speed Control Cameras
- Speed Detection Signs

Details on each alternative are set forth in the following slides.

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Speed Enforcement by TxDot/Travis County

- After numerous contacts with TxDot and Travis County officials, the Committee was **unable to obtain definitive guidance** on how to implement statutory regimen. Current regulations include requirements not contemplated by statute (e.g., existing agreement with County to enforce speed limits).
- Committee recommends **deferral** of this option **for possible future consideration** as clearer guidance may become available.

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Lane Striping

Four vendors were solicited; two provided proposals. After proposal review and a site visit.

Proposal:

- Center line lane striping plus bike lanes and buffers from Quinlan Road to Golf Club rotary; or from Quinlan to Shoreview at our option. Includes:
 - Refresh of current lane markings from Quinlan to gate;
 - 28 bike symbols to Golf Club; 46 to Shoreview
 - 28 bike arrows to Golf Club; 46 to Shoreview

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Lane Striping Price

- From Quinlan to Golf Club rotary
- From Quinlan to Shoreview
- Options:
 - Add glass beading (not recommended)
 - Substitute all striping for 60 mil Thermoplastic: (not recommended)

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Speed Tables

Proposal:

- At designated locations: chalk, sawcut perimeter, excavate, haul off, and place TxDoT type D hot asphaltic mix to form 1 speed hump across roadway, slanted to a 3" elevation in a 10' table top design terminating at the concrete curbs and extending 22' in length. Includes traffic control, one mobilization.
- Option: Second speed table during same mobilization ***Optimal cost-effectiveness can be achieved by installing all desired speed tables at the same time.***

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Speed Control Cameras

Bids were solicited (product manufacturer). Camera functions:

- Detects and photographs speeding vehicles
- Tickets are issued automatically as PDF to HOA Manager; Manager then emails or mails to resident
 - Integrated system would email tickets directly to resident (add'l set up fee)
- System provides regular reporting as desired/scheduled
 - weekly, monthly, etc.
- May be used with or without speed detection signs

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Camera Color and
Setup Options
(hard wired)

The screenshot displays the Adobe Acrobat Reader DC interface. The main content area shows a document titled "GUARDIAN WARNING TEMPLATES". The text reads: "The Guardian camera systems offer the ability to generate warnings based on a choice of customizable templates. These warnings can be automatically generated and mailed to speed violators to help you better enforce speed limits on your streets." Below this text are two images of camera setups on poles. The left setup features a black camera and a yellow sign that says "YOUR SPEED" with a digital display showing "45". The right setup features a white camera and a white sign. In the center, two sample warning notices are shown. Each notice includes a header "SPEED NOTICE # 90909", a "Custom Information" section with fields for Name, Address, and Phone Number, a "Location of Speed Camera" map, and a "Photo Evidence" image of a car. The right sidebar contains the "Export PDF" panel, which includes a search bar, a list of PDF files (TL_CAM_TRI_1118.pdf), a "Convert to" dropdown menu set to "Microsoft Word (*.docx)", and a "Convert" button. The Windows taskbar at the bottom shows various application icons and the system clock indicating 10:11 AM on 9/3/2019.

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Sample
Neighborhood
Views
(cameras + signs)



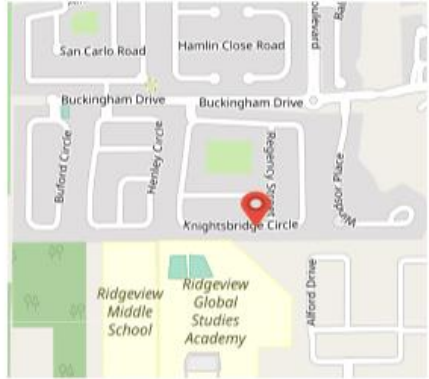
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Sample
Ticket

Ticket Details - SafePace Enforcer Camera

Ticket ID	Status	Note
<u>3573255</u>	verified	



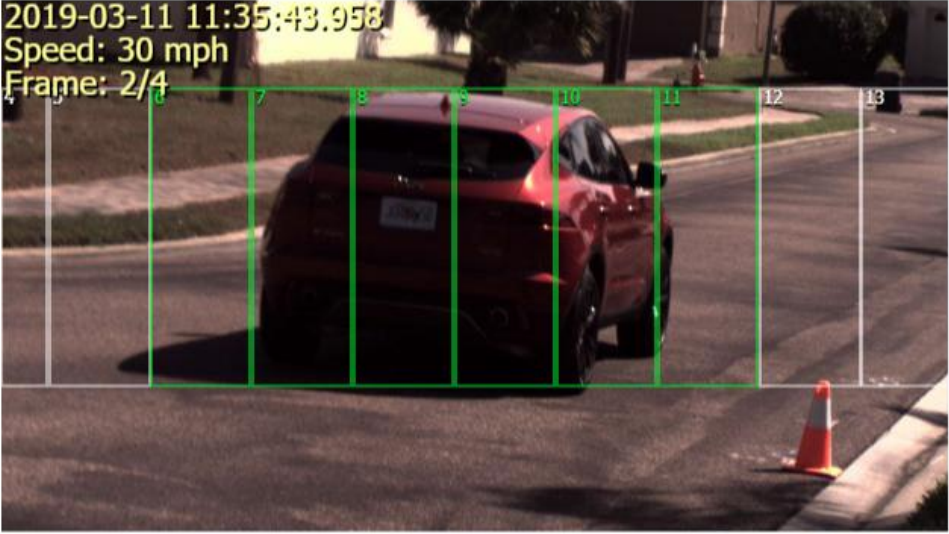
Data CC-BY-SA by [OpenStreetMap](#)


Location	Knightsbridge Circle
Speed Limit	10 mph
Speed	30 mph
Date	2019-03-11 11:35:47
Licence Plate	JGHW58

2019-03-11 11:35:43.958

Speed: 30 mph

Frame: 2/4






Display Image

Image info

Beams

Lat/Long

Animation



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Speed Control Camera Prices and Costs

- Cameras:
- Cloud fee: annually per camera
- Network fee: annually per camera
- Onsite software setup*: one-time labor fee – all cameras
- Dummy cameras (if wanted): per dummy

- **Prices** by camera quantity including first year annual fees
 - **One = Two = Three = Four =**

**Does not include wiring, electrical hookup, trenching, ladders, mounting post, etc.*

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Speed Detection Signs

Bids were solicited from and (product manufacturer). Radar operated

- 2 Types:
 - Solar powered;
 - Hard wired;

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Speed Detection Sign – Sample Photo

TL_EV_12.pdf - Adobe Acrobat Reader DC

File Edit View Window Help

Home Tools Quote - Traffic Logi... ev11 - standalone ... UT Golf Club Subdi... [UT Golf Club] Lett... 215515210d_golf_... TL_EV_12.pdf x

1 / 2 112%

Share

SIGNS

TRAFFIC LOGIX SafePace® Evolution 12

The Traffic Logix SafePace® The TL SafePace Evolution 12 driver feedback sign is the compact, economical sign with MUTCD approved 12" digits.

The SafePace Evolution 12 is a compact, portable sign with the cost benefit and small footprint of an entry-level sign but larger 12" digits that meet MUTCD approval. Offering speed activated digit color changes as well as the ability to display up to 3 digits, the SafePace Evolution 12 is a small sign with big impact.

ACCESSORIES

EV 12 Specifications Features

YOUR SPEED 100

YOUR SPEED 100

YOUR SPEED 100

Search 'Add Link'

Export PDF

Adobe Export PDF

Convert PDF Files to Word or Excel Online

Select PDF File

TL_EV_12.pdf

Convert to

Microsoft Word (*.docx)

Document Language: English (U.S.) Change

Convert

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Learn More

10:15 AM 9/3/2019

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Speed Detection Sign Setup and Price Options – Solar



Option A
plus pole &
Install costs



Option B



Option C



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Speed Detection Signs – Rental Options



\$720/month



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Recommendation – Phased Approach

The T&SC recommends the Board authorize the following actions and expenditures for implementation now:

- **Install pavement striping** from Quinlan to Golf Club rotary as proposed
- **Purchase 2 Option A speed signs** and place along UCD near map locations 1 and 2 on next slide. Secure to streetlight or dedicated poles.
- **Future actions:**
 - Monitor remedial effect on speed control and consider other actions (e.g., additional striping, speed cameras, speed tables) as warranted.
 - Identify potential speed table locations, survey nearby residents on desirability, plan for possible installation of all tables at the same time in order to conserve costs.



Search 'Watermark'

Export PDF

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Convert PDF Files to Word or Excel Online

Select PDF File
UCD speed...on map.pdf

Convert to
Microsoft Word (*.docx)

Document Language:
English (U.S.)

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End of Presentation

Questions, Discussion, Actions