



# License Plate Recognition



**Therese Kucera, Manager**  
**Dell Hamilton, Manager**

*Texas A&M Transportation Services*



## LPR Overview

- **How it works**
- **Common Uses**
- **Current Use at Texas A&M University**
- **Future Use at Texas A&M University**





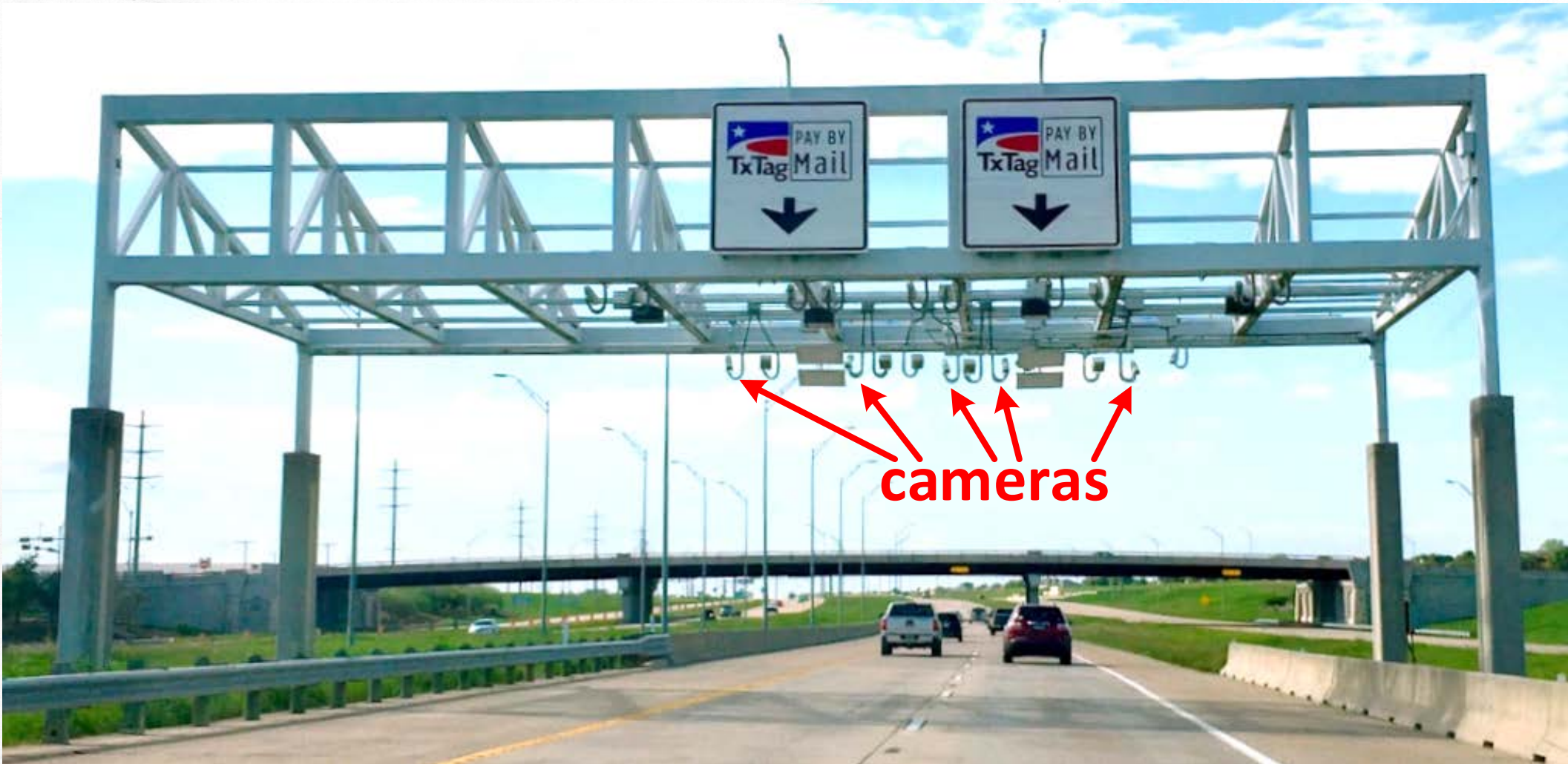
# How It Works







# Common Uses





## Common Uses







## Common Uses



camera





# Common Uses





## Common Uses







## Common Uses





## Current Use







## Current Use







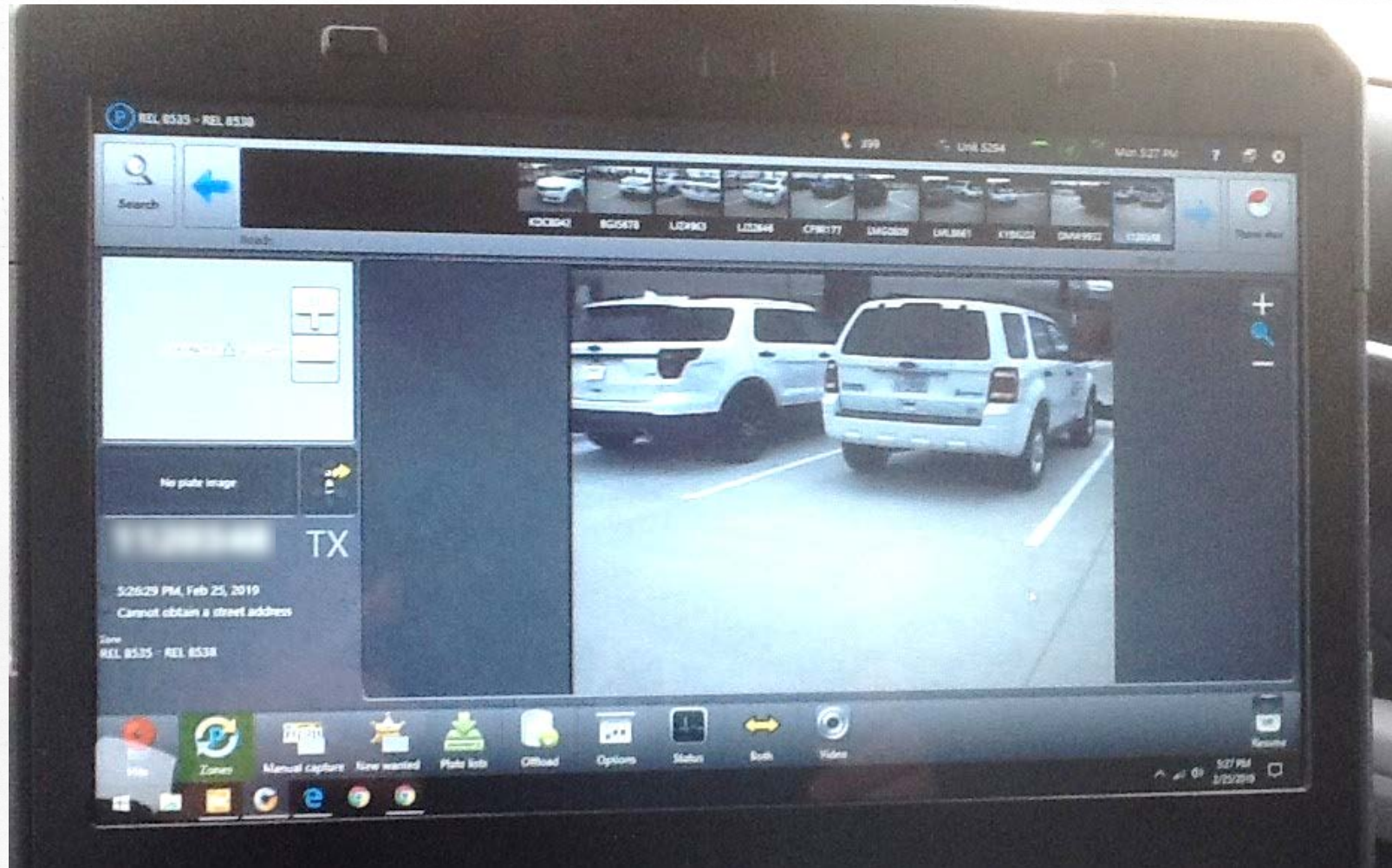
## Current Use







# Current Use

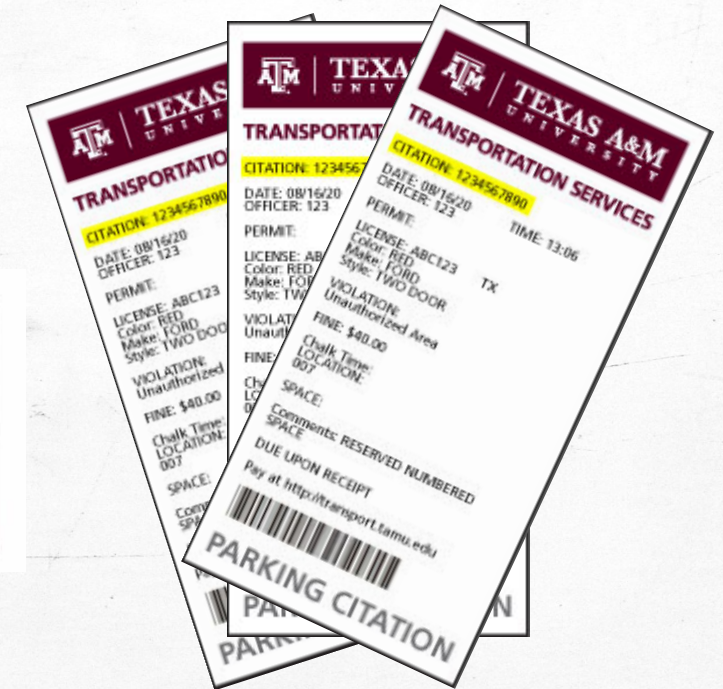






## Current Use

- **Enforcement (Repeat Offenders)**
  - 3 or more citations due
  - \$160+ due
  - Balance due over 90 days

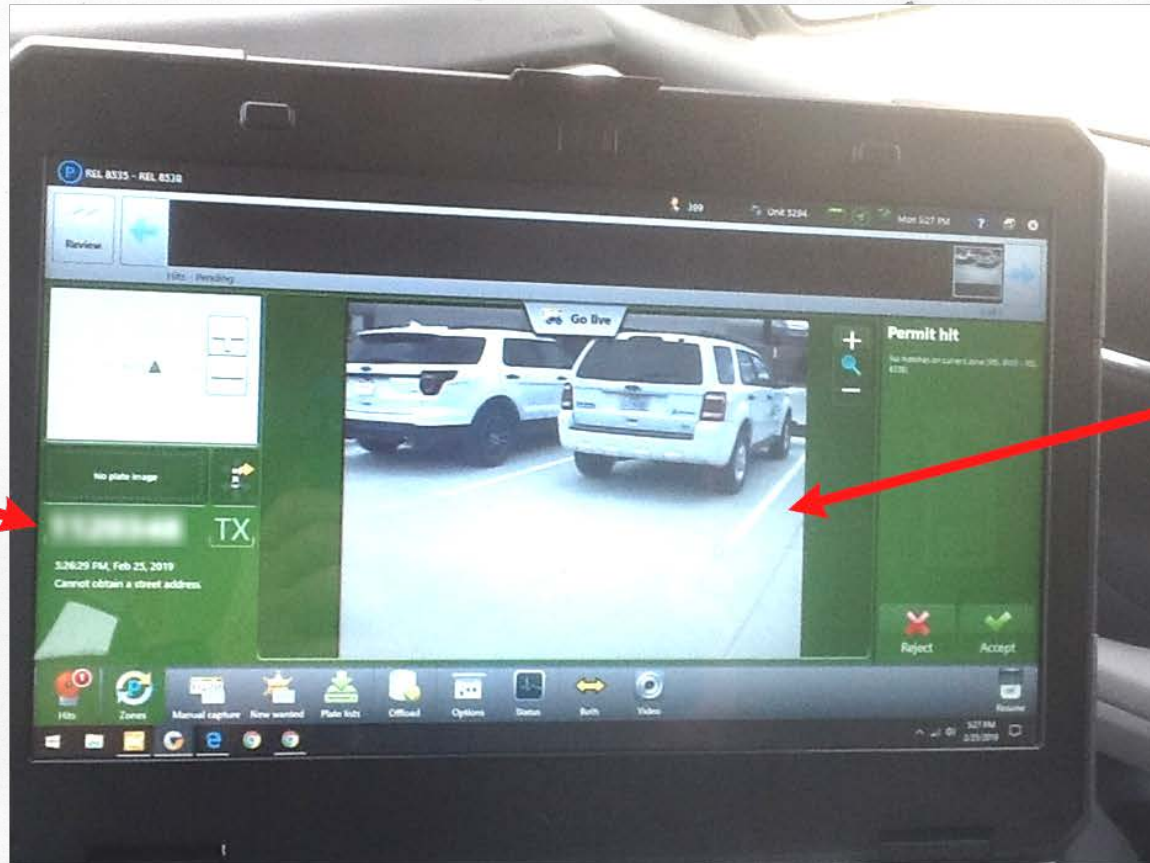






## Current Use

### ▪ Enforcement of Repeat Offenders



Plate

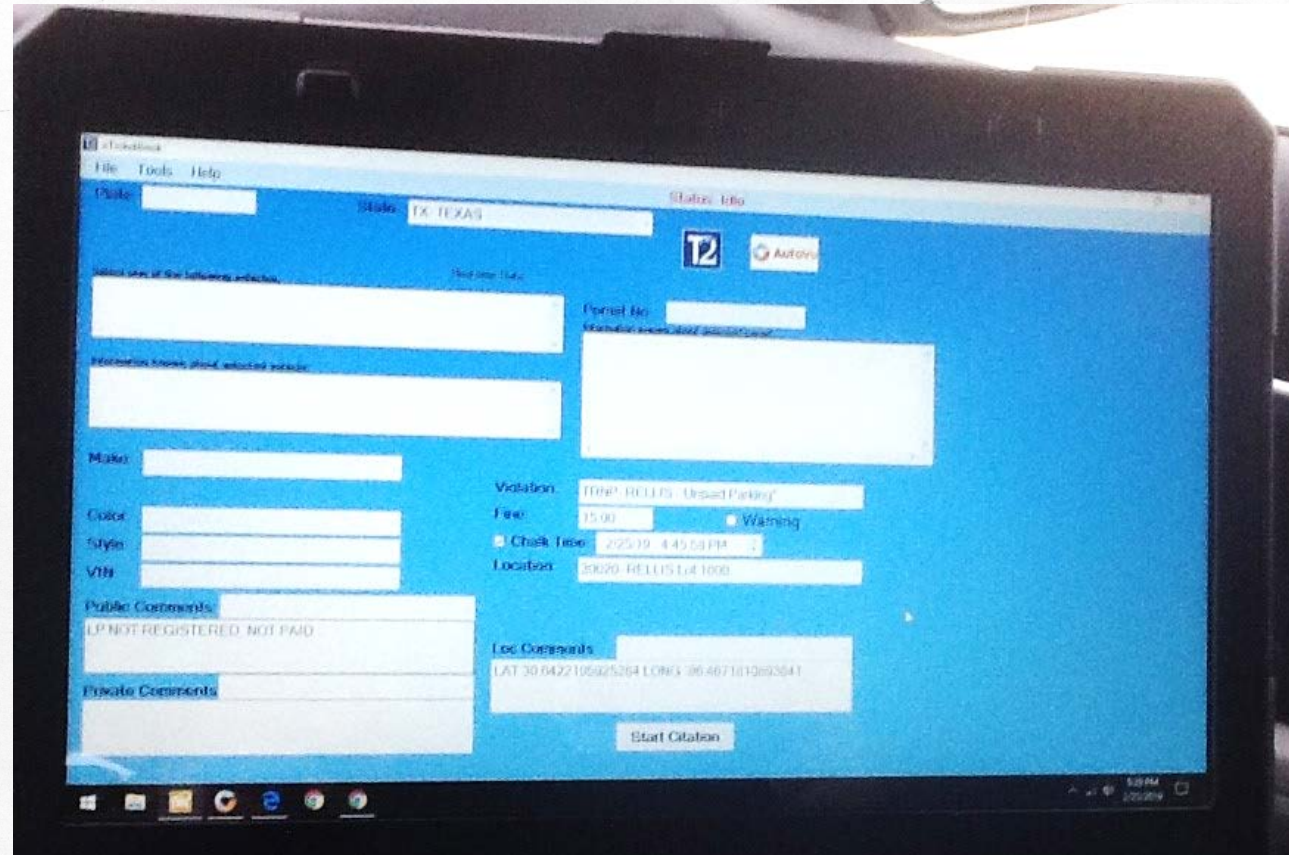
Context  
Image





## Current Use

- **Enforcement of Repeat Offenders**

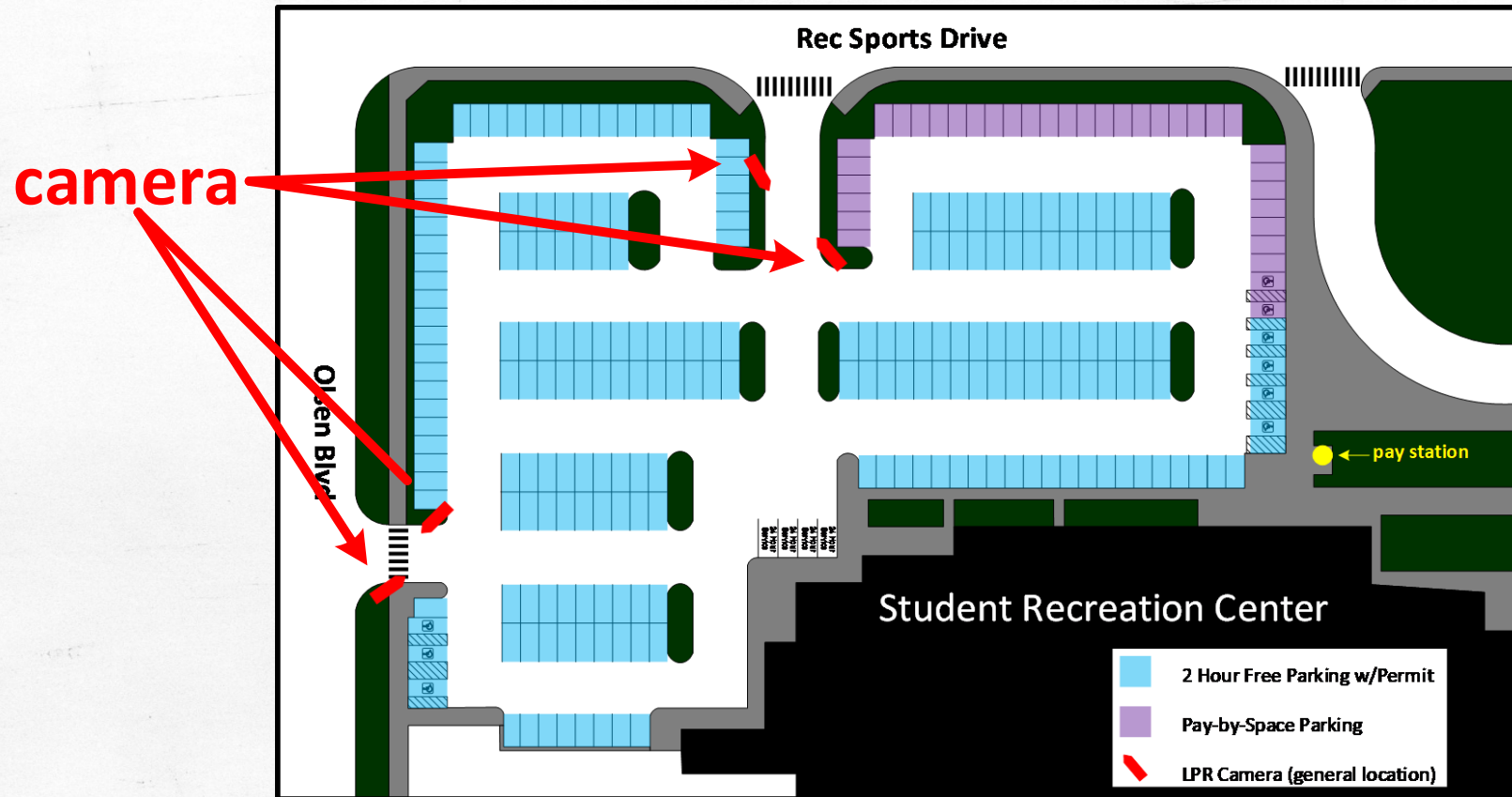






# Current Use

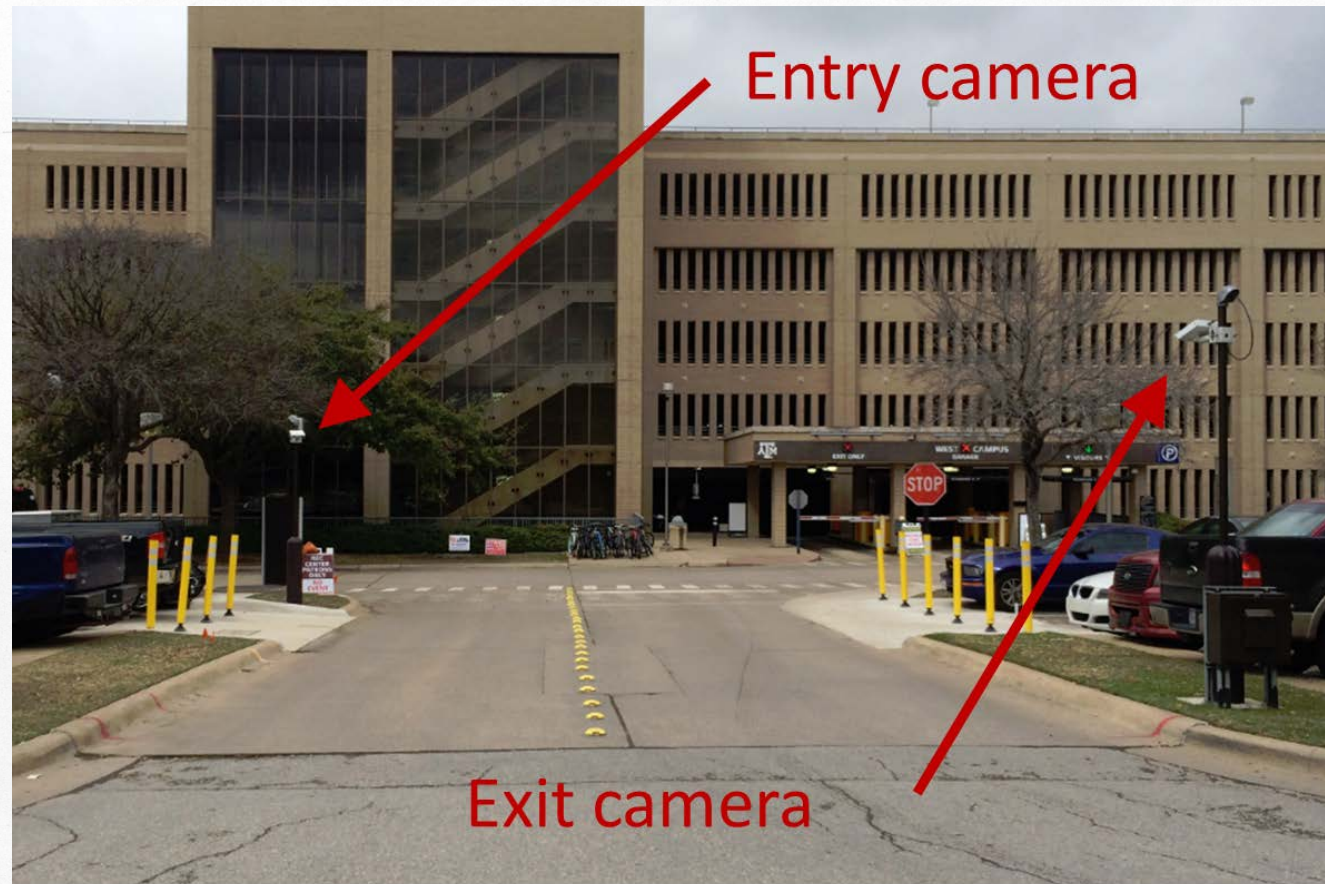
## Timed Parking Enforcement





## Current Use

- **Timed Parking Enforcement**







## Current Use

- **Timed Parking Enforcement**





## Current Use

- **Law Enforcement Requests**

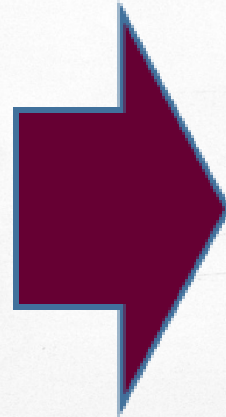






## Current Use

### ▪ Permitless Parking





# Current Use

## ▪ Permittless Parking







## Current Use

# ▪ Data Privacy

### **STANDARD ADMINISTRATIVE PROCEDURE**

**29.01.03.M0.28**

**Information Resources – Audiovisual Surveillance**

*Approved April 13, 2010*

*Revised September 15, 2010*

*Revised March 8, 2013*

*Revised August 14, 2013*

*Revised January 17, 2019*

*Next scheduled review: January 17, 2024*

Texas A&M Information Technology  
Audio Visual Surveillance Technology Committee

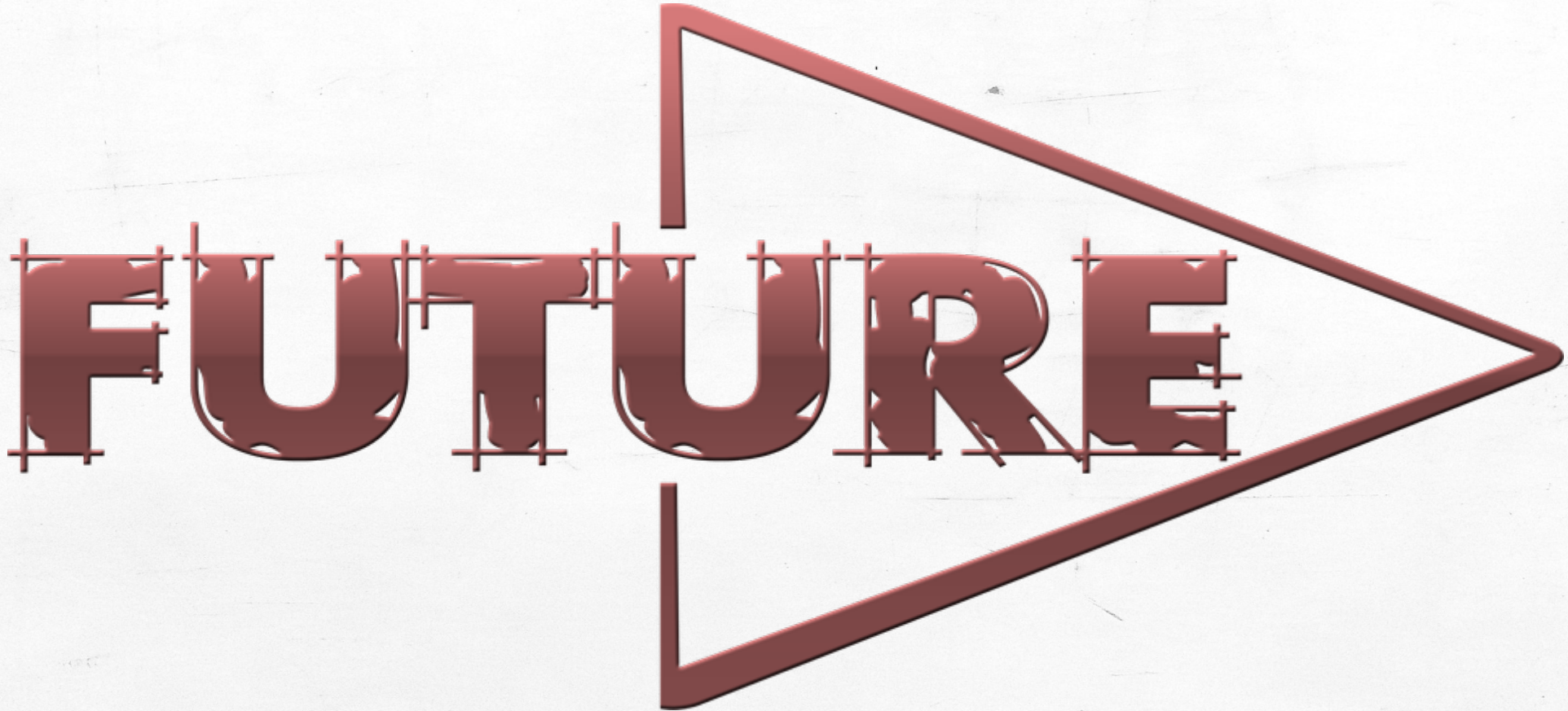
**Audio Visual Surveillance Technology Operational Standards**





TEXAS A&M UNIVERSITY  
Transportation Services

# Possibilities

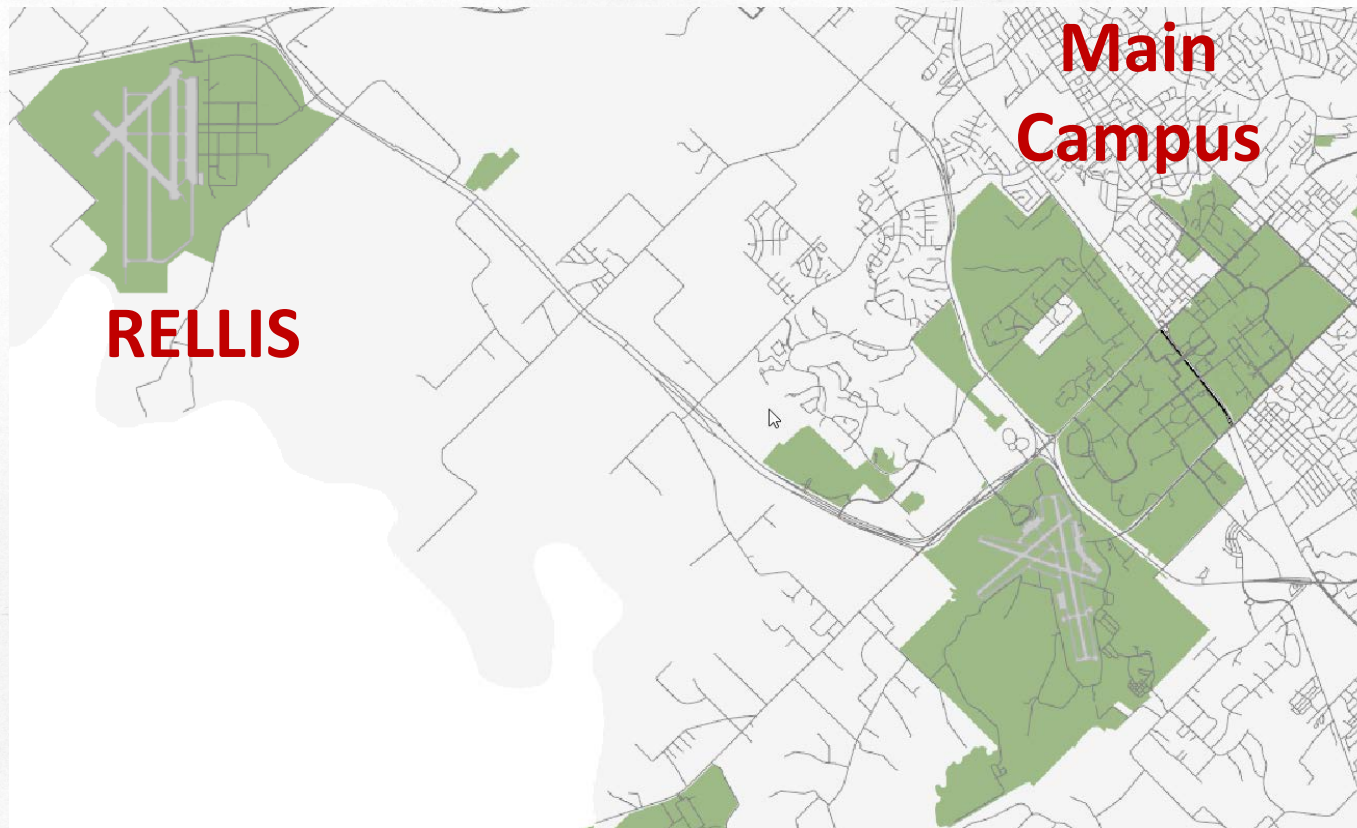






## Possibilities

- Permitless for main campus?





## Possibilities

- One Permit with multiple vehicles

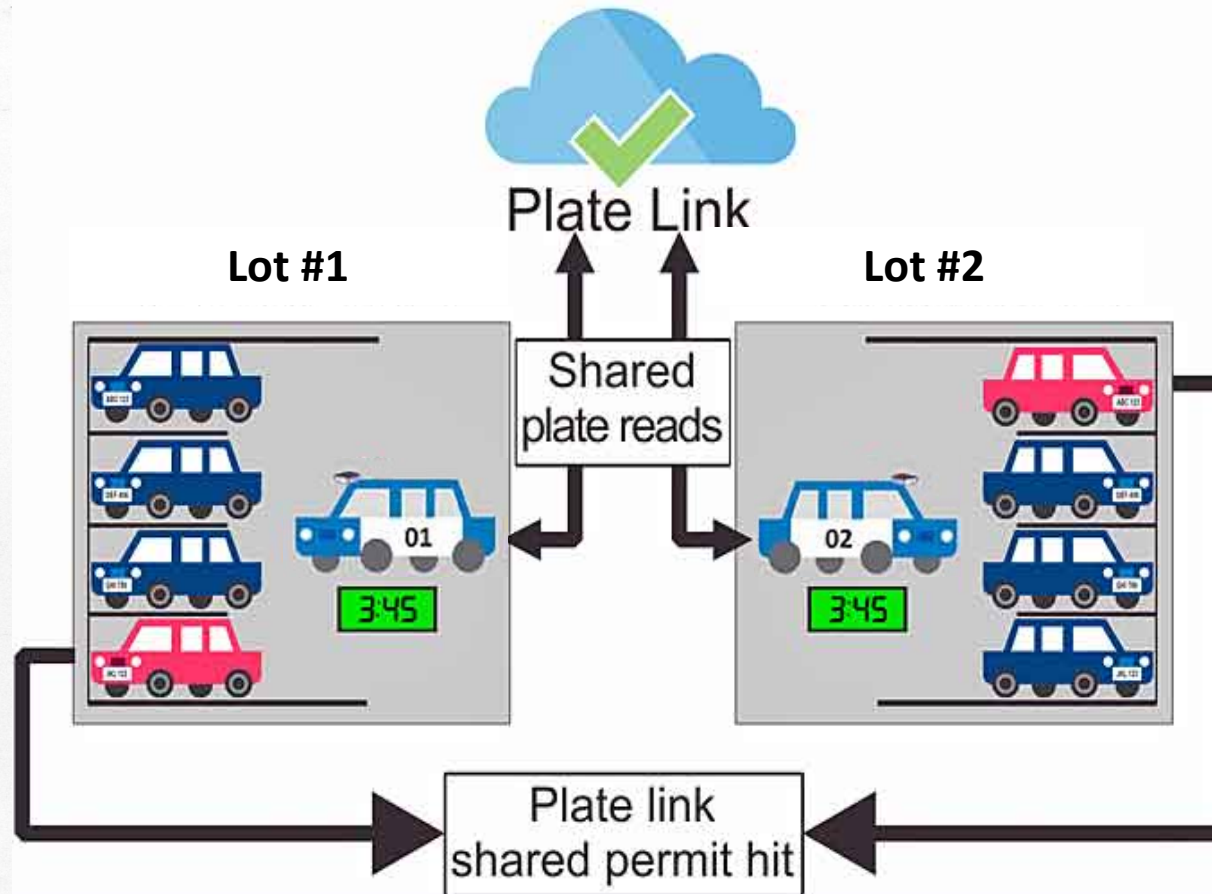






# Possibilities

- One Permit with Multiple Vehicles





# Possibilities

## ■ One Permit with Multiple Vehicles

2478, Av Marie-Curie (Rue Albert-Einstein - Rue Alexander-Fleming) P1 - Genetec P1 4:06 PM

Review Hits 14 of 14

026VDX 027SSD 027WMW 029AFH 031KYF 033ASK 034XMW 469YXF P43CTR

Go live

Shared permit hit

Elapsed 0 min  
PermitID 101  
EffectiveDate 2012-01-01  
ExpiryDate 2012-12-31  
DurationViolated 2 H

469YXF QC  
26/04/2012 5:36:00 PM  
2478, Av Marie-Curie

P43CTR QC  
26/04/2012 5:36:13 PM  
2478, Av Marie-Curie

Reject Accept

Hits Zones Manual capture Offload Options Status Video Pause





## Possibilities

- Switching Vehicles





# Possibilities

## Switching Vehicles

The screenshot shows the user interface for updating a permit link to vehicles. The page title is "UPDATE PERMIT LINK TO VEHICLES". The permit details are: Permit Type: 2018-19 CCG Garage, Permit Number: 9CCG54756. The current vehicle(s) linked to this permit is empty. A yellow callout box states: "You can choose up to three vehicles to link to this permit. The vehicle license plate you choose is linked to your parking credential. Texas A & M College Station permit holders are still required to display their permits while parked on campus." Below this, there is a section for "Your Vehicle(s)" with a list of license plates: TX 1145956, TX 1151959, TX 1151960, TX 1151961, TX 1266219, TX 1266221, TX 887024. To the right, there is a section for "Your vehicle(s) already linked to this permit" with the license plate TX AM57983. Navigation arrows are present between the two lists. An "Add Vehicle" button is also visible.

RV Exchange ▾ Permits ▾ Citations ▾ Appeals ▾ AggiEpass ▾ Bikes ▾ More ▾ Account Home

ATM TEXAS A&M UNIVERSITY Transportation Services

DELMOS HAMILTON | Logout

ACCOUNT HOME

My Permits  
My Waitlists  
Access Method  
Payroll Deduction

Purchase Permits

View Citations  
Pay Citation  
Search Citations

View Appeals  
Appeal a Citation

AggiEpass

Bike Registration  
Registered Bikes

Contact Info  
My Vehicles  
Correspondence

### UPDATE PERMIT LINK TO VEHICLES

Permit Type: 2018-19 CCG Garage  
Permit Number: 9CCG54756

Vehicle(s) linked to this permit :

---

Your vehicle(s) link to this permit

You can choose up to three vehicles to link to this permit. The vehicle license plate you choose is linked to your parking credential. Texas A & M College Station permit holders are still required to display their permits while parked on campus.

If you don't find your vehicle in the following list you may add a new vehicle. [Add Vehicle](#)

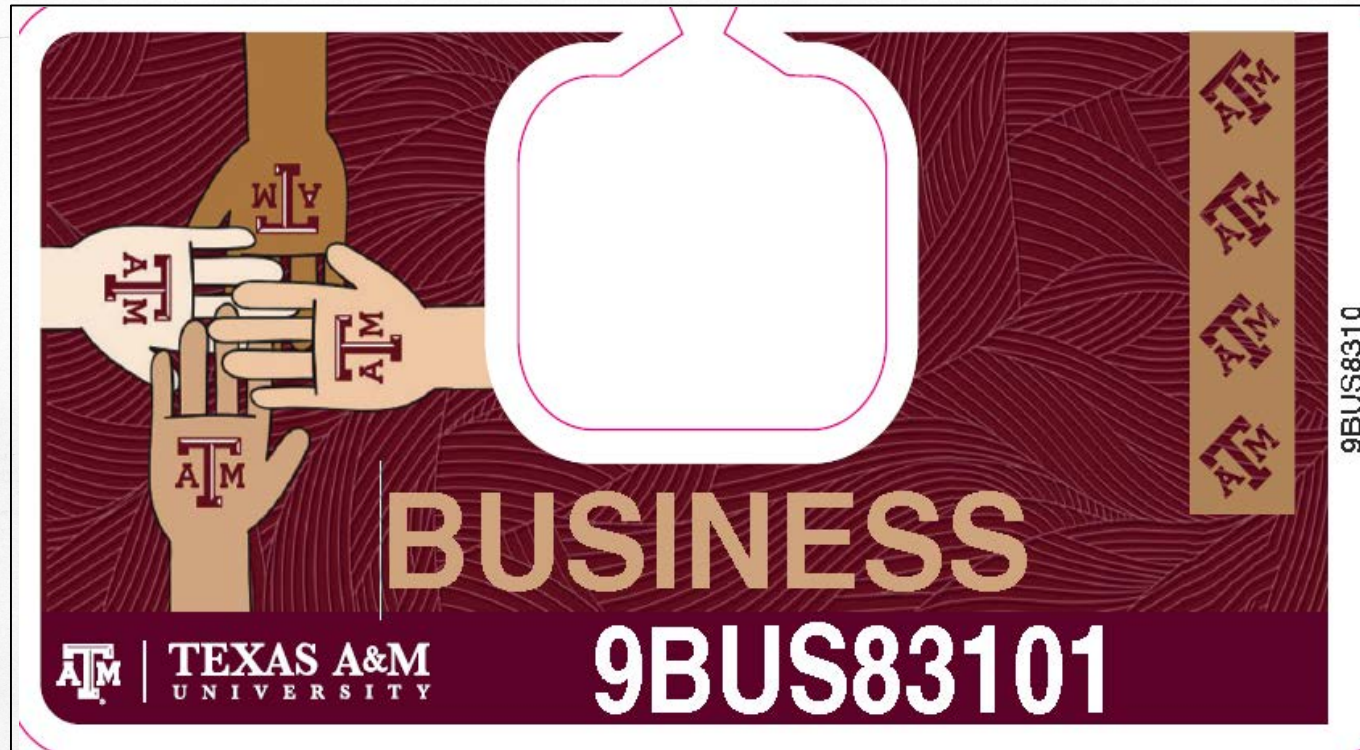
Your Vehicle(s)	Your vehicle(s) already linked to this permit
TX 1145956 TX 1151959 TX 1151960 TX 1151961 TX 1266219 TX 1266221 TX 887024	TX AM57983





# Possibilities

## Business Permits





# Possibilities

- **Access**








# Possibilities


## Hourly Parking Verification

**Cain  
Garage**

Insert ticket  
this end first



Pay by credit directly in exit lane  
from your vehicle.



Cash/credit payment may be  
made in the Level 1 pay area  
prior to returning to your vehicle.

**CUSTOMERS HAVE 15  
MINUTES TO EXIT THE  
GARAGE AFTER PAYMENT.  
LOST OR STOLEN TICKETS ARE  
CUSTOMER'S RESPONSIBILITY.**

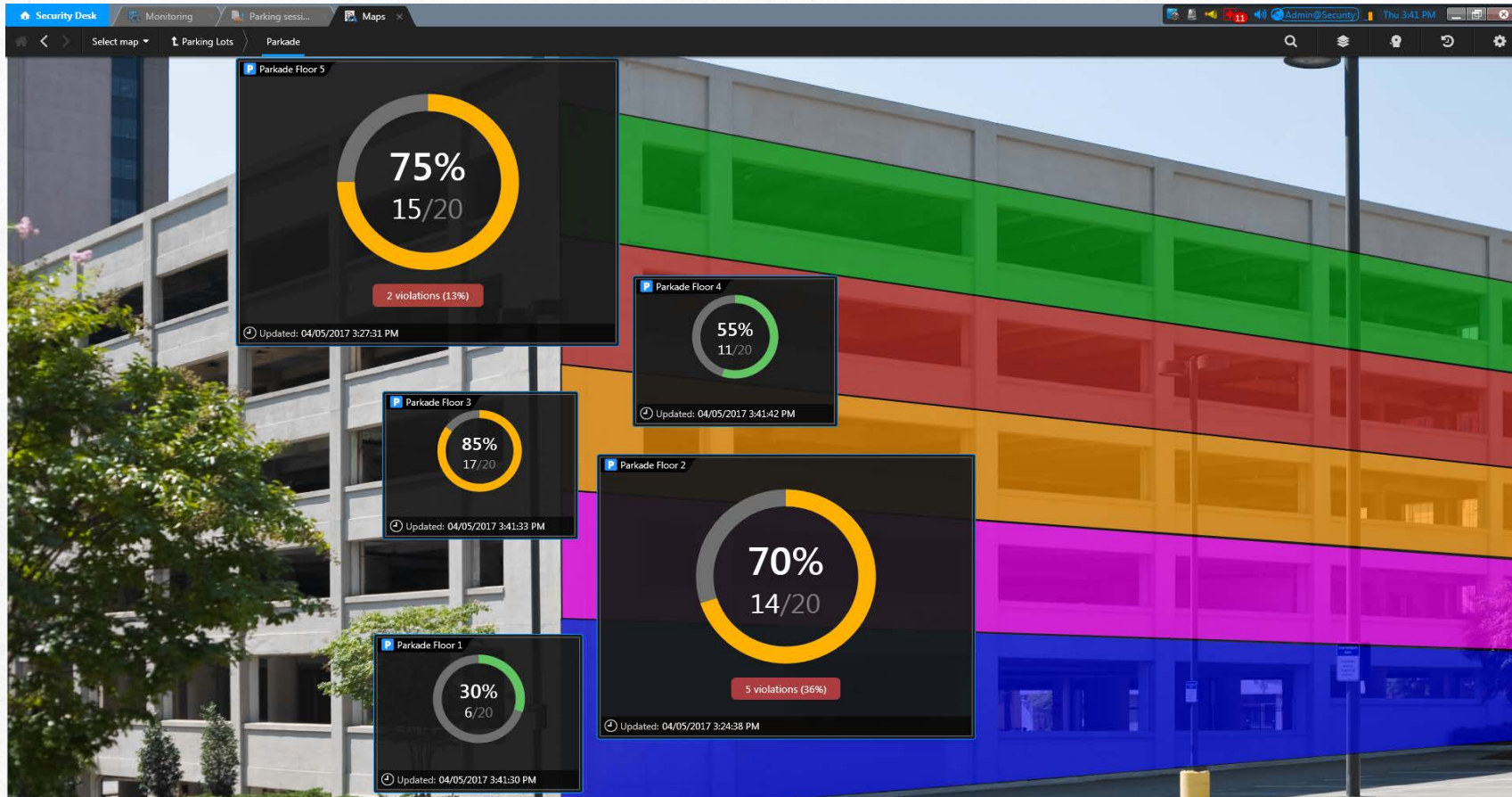
Changes are for the use of space  
only. Transportation Services is  
not responsible for damage or  
loss to vehicle or contents.

2019/ 02/ 25 08:34:03 L01



# Possibilities

## ■ Counts





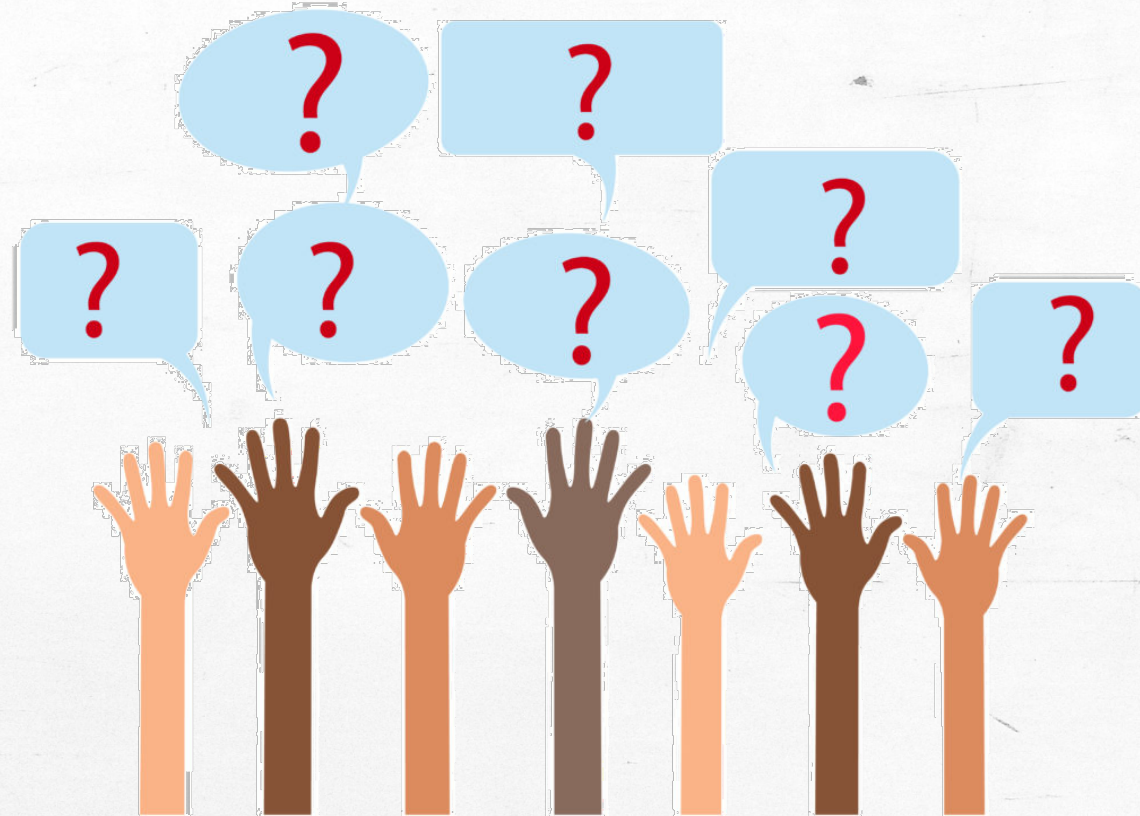


## Wrap Up

- **How it works**
- **Common Uses**
- **Current Use at Texas A&M University**
- **Future Use at Texas A&M University**



# Questions







# Contact

**Therese Kucera**  
*Manager*

[tkucera@tamu.edu](mailto:tkucera@tamu.edu)  
862-2548

**Dell Hamilton**  
*Manager*

[deh@tamu.edu](mailto:deh@tamu.edu)  
862-3439