



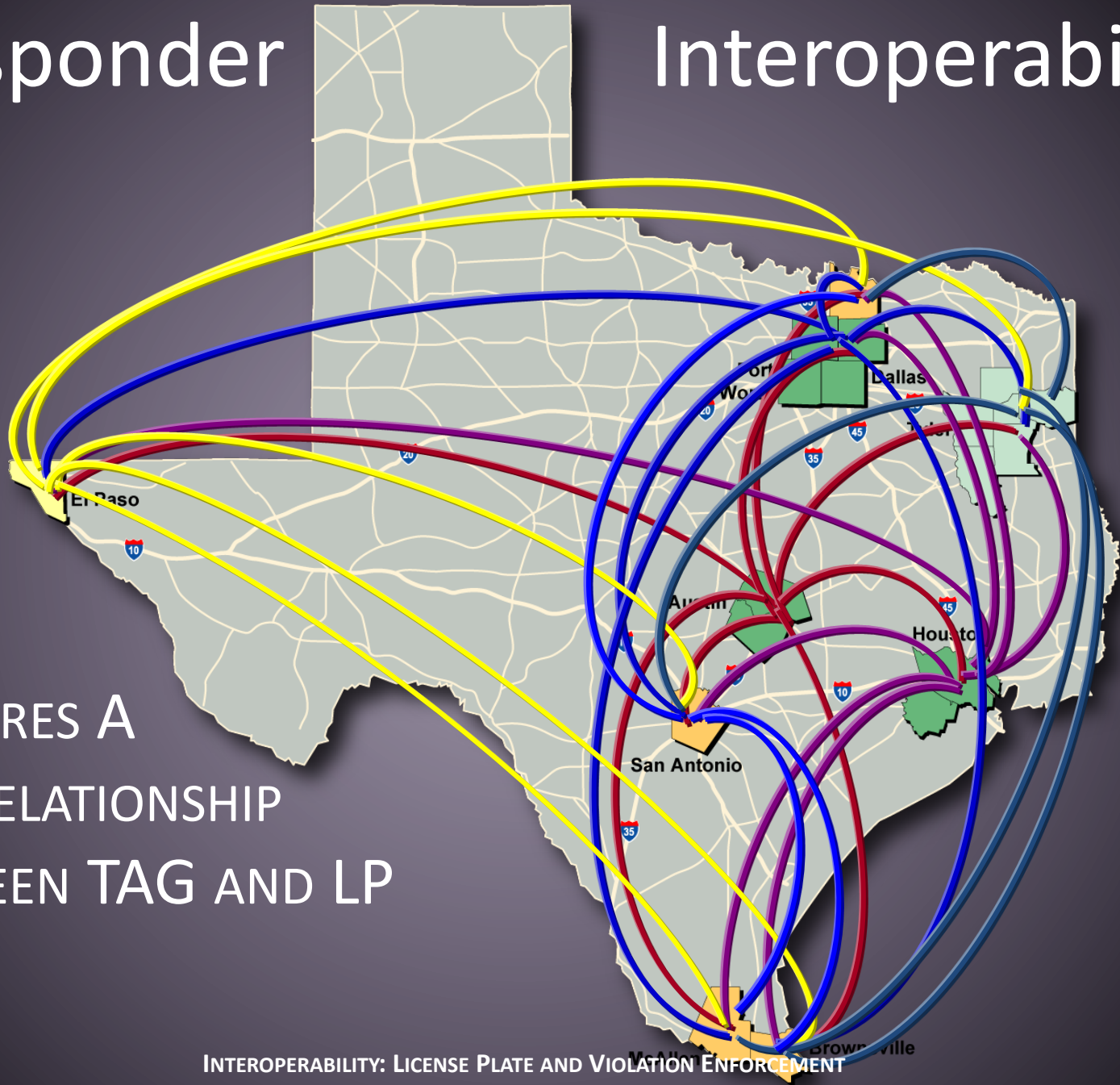
Interoperability: License Plate and Violation Enforcement



HARRIS COUNTY TOLL ROAD AUTHORITY

Transponder

Interoperability



- REQUIRES A 1:1 RELATIONSHIP BETWEEN TAG AND LP

License Plate Interoperability

- MOST AGENCIES IN TX DO NOT CURRENTLY HAVE LP IOP
- MOST AGENCIES IN TX OFFER POST-TOLL VIDEO BILLING

<u>AGENCY</u>	<u>Sends LVL</u>	<u>Receives LVL</u>
CTRMA	no	yes
TXDOT	yes	no
NTTA	no	no
HCTRA	no	no
FBTRA	no	no

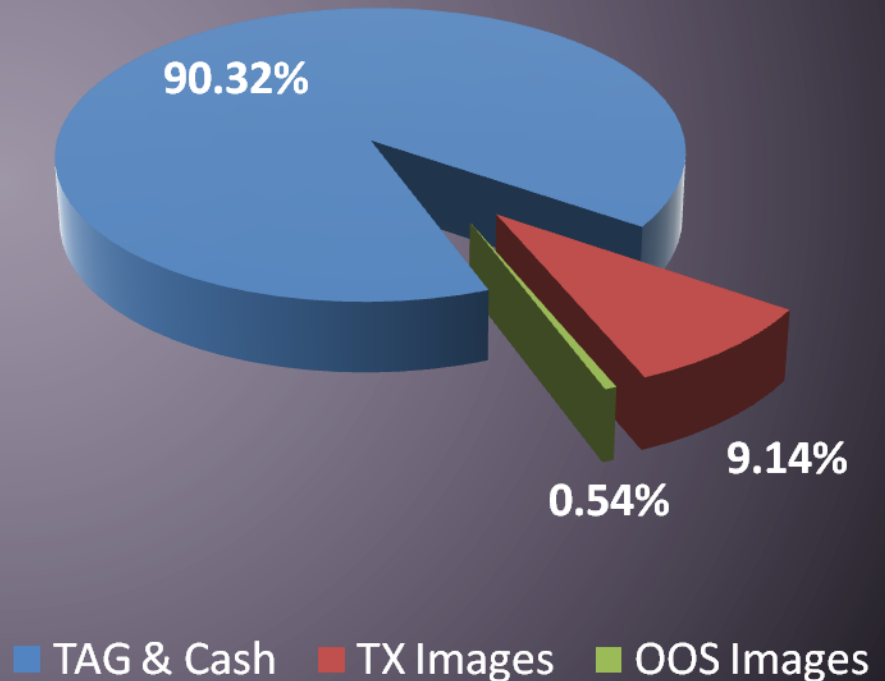
“I will gladly pay you Tuesday
for a hamburger today...”
Wimpy, 1934

Out of State License Plates

May 2010 – April 2011

TOTAL EVENTS

- 325,000,000+
- IMAGES LOADED:
31,446,796
- OUT OF STATE PLATE IMAGES:
 - 1,740,478 (5.5% of Images)
 - V-Toll to Account: 677,848
 - Violations: 1,062,630



Images: Roadway Cameras

- STATE / LOCAL OPTIMIZED

All cameras/controllers are manually checked before rush hour.

- based on character font and size with a seven character maximum
- image capture at trailing edge of exit loop
- up to three cameras per lane with overlap of outside cameras in side-by-side lanes.



Are they 'Beating the System'?



- **FINGERPRINTS**

- Visual confirmation of identical characteristics unique to each vehicle must be vetted and qualified by a trained individual(s) often spanning several photographs.
- Identifying characteristics need to be highlighted through numerous visual markers and be able to support testimony in court trials if necessary.

Patterns

- **TRACING A VIOLATOR'S TOLL USAGE IS THE BEST WAY OF DETERMINING WHEN AND WHERE TO "SET UP" FOR ENFORCEMENT.**
 - In this example, the violator pattern is between 8:20am and 9:30am.
 - Visiting Interstate Traffic often displays violator patterns around a time of week or month, as well as a route

FAKEPLT, 003D4N0 IS WHAT IS SHOWING, LIGHT COLOR DODGE


CHARGE

GESSNER ENTRANCE	LN	SB	NB
Friday, October 22, 2010	20		17:41
Friday, October 29, 2010	20		15:44
Monday, November 01, 2010	20		17:23
Wednesday, November 03, 2010	20		17:34
Friday, November 05, 2010	20		19:01
Tuesday, November 09, 2010	20		16:34
Monday, November 08, 2010	20		16:31

GESSNER EXIT	LN	SB	NB
Monday, October 25, 2010	28		8:21
Friday, October 29, 2010	28		8:32
Monday, November 01, 2010	28		8:24
Tuesday, November 02, 2010	28		9:34
Wednesday, November 03, 2010	28		8:39
Thursday, November 04, 2010	28		8:45
Monday, November 08, 2010	28		8:46
Tuesday, November 09, 2010	28		8:38
Wednesday, November 10, 2010	28		9:00

GESSNER ENTRANCE	LN	SB	NB
Friday, October 22, 2010	7		17:46
Monday, October 25, 2010	10		8:16
Friday, October 29, 2010	9		19:10
Friday, October 29, 2010	9		15:49
Friday, October 29, 2010	10		8:27
Monday, November 01, 2010	8		17:28
Monday, November 01, 2010	10		8:19
Tuesday, November 02, 2010	10		9:29
Wednesday, November 03, 2010	9		17:39
Friday, November 05, 2010	7		19:06
Monday, November 08, 2010	8		16:37
Monday, November 08, 2010	10		8:41
Tuesday, November 09, 2010	8		16:39
Tuesday, November 09, 2010	10		8:33
Wednesday, November 10, 2010	10		8:55

SOUTH	LN	SB	NB
Thursday, September 23, 2010	8		17:35
Friday, October 29, 2010	7		19:16
Friday, October 29, 2010	9		15:55
Friday, October 29, 2010	11		8:20
Monday, November 01, 2010	9		18:06
Tuesday, November 02, 2010	10		9:23
Wednesday, November 03, 2010	10		8:26
Thursday, November 04, 2010	10		8:34
Monday, November 08, 2010	10		8:35
Tuesday, November 09, 2010	11		8:27
Wednesday, November 10, 2010	11		8:49



Toll Violation

INVOICE CREATED WHEN THREE (3) VIOLATIONS ARE IDENTIFIED FOR A LICENSE PLATE

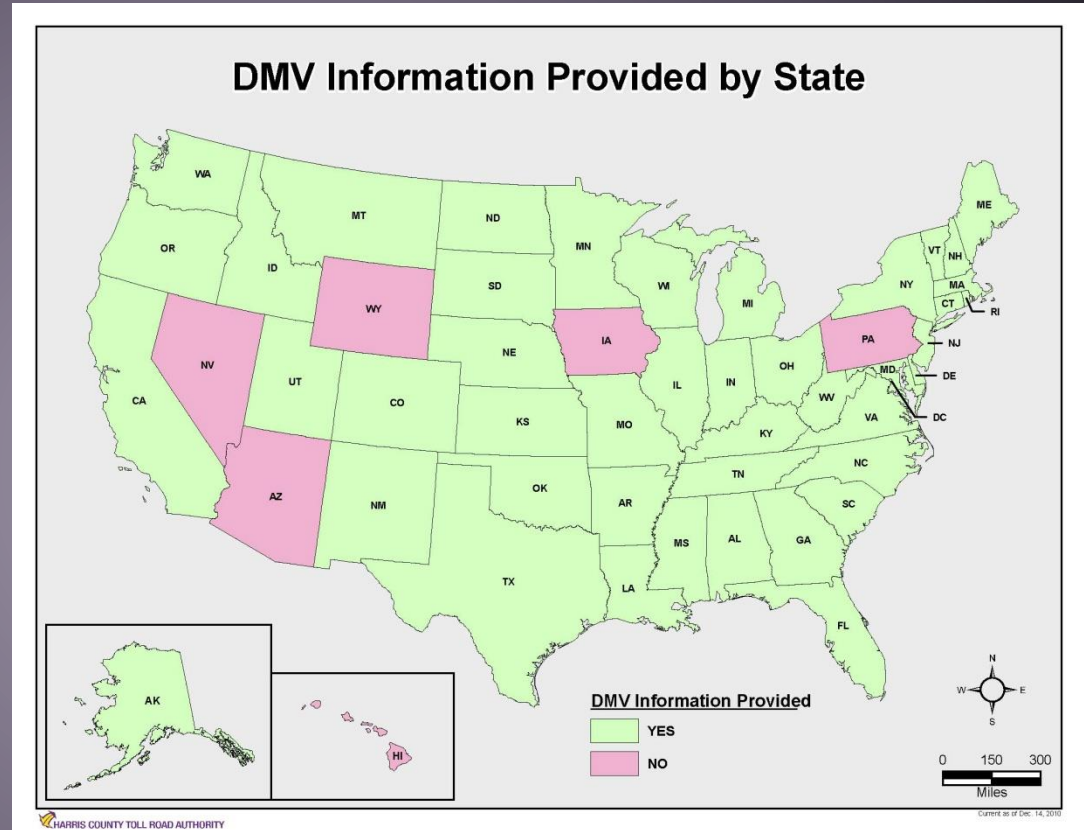
ALL 3 VIOLATIONS MUST OCCUR WITHIN 365 DAYS IN ORDER TO INVOICE

ADMINISTRATIVE FEES (\$10/EVENT) AND COUNTY ATTORNEY FEES (\$1/EVENT) ADDED WHEN INVOICED

TOTAL TOLL VIOLATION INVOICE AMOUNT RANGE FOR 2-AXLE VEHICLES IS UP TO \$40.00

IF 3 VIOLATIONS DO NOT OCCUR WITHIN 365 DAYS, THE EVENTS IN THE SYSTEM WILL NOT BE INVOICED

UNPAIDS ARE REFERRED TO COLLECTIONS



Out of State Collections

- COLLECTIONS FIRM INVOICES THE RESPONSIBLE PARTY
 - Cited for Adjudication Hearing
 - Order obtained from the Administrative Hearing Officer
 - registration is NOT blocked as it is an out-of-state plate
- IF THE AMOUNT OWED RISES TO AN APPROPRIATE LEVEL (AS A TOP VIOLATOR) TO MAKE IT FINANCIALLY REASONABLE TO PURSUE, A NOTICE OF INTENT TO FILE SUIT IS SENT TO THE RESPONSIBLE PARTY.
 - Lawsuit filed in Harris County
 - service is attempted where the responsible party lives
 - Judgment is obtained (default, summary, or agreed)
 - Judgment (default or summary) is abstracted after 45 days
 - Judgment may be “domesticated” in state of residence
 - Most out-of-state LP violators that rise to the level of a lawsuit, live in Harris County but are driving with non-Texas plates - actions locally usually sufficient.





INTEROPERABILITY: LICENSE PLATE AND VIOLATION ENFORCEMENT

TRANSPONDERS, LICENSE PLATES, ENFORCEMENT, LEGISLATION...
RECIPROCITY IS KEY