20TH ANNUAL
ARIZONA
Rural Transportation Summit

October 24-26, 2018
London Bridge Resort, Lake Havasu City

TraCS and ACIS

October 25, 2018

Tim Jordan
State Custodian of Crash Records
ARIZONA DEPARTMENT OF TRANSPORTATION

Transportation Systems Management and Operations

What is TraCS

- Traffic and Criminal Software (TraCS) is a mobile crash reporting software system, that can be used for electronic traffic citations, developing traffic crash reports and other reports/forms.

AzTraCS
Arizona Traffic and Criminal Software

ADOT's Involvement

- The Federal Highway Administration {FHWA) authorized ADOT to spend Highway Safety Improvement Program {HSIP) funds to assist agencies throughout Arizona to submit their crash reports electronically.

- This approval allows ADOT to assist those agencies wanting to use TraCS with funding to deploy the TraCS software.

AzTraCS
Arizona Traffic and Criminal Software

ADOT's Involvement

- ADOT pays the yearly $60,000 TraCS licensing fee through a grant provided by the Governor's Office of Highway Safety (GOHS).

- ADOT also provides limited tech support to TraCS users free of charge.

AzTraCS
Arizona Traffic and Criminal Software

TraCS in Arizona

- Currently, 10 agencies submit electronic reports to ADOT using the TraCS platform.
- 11agencies are in the process of deploying TraCS.
- Another 34-40 have expressed interest in TraCS.

AzTraCS
Arizona Traffic and Criminal Software

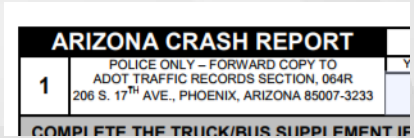
TraCS in Arizona

- ADOT is expanding it's TraCS IT support to accommodate the influx of agencies.
- ADOT will be implementing quarterly TraCS user meetings for agencies to get together, share best practices, forms, issues, etc.
- The AZ TraCS website will be updated.

AzTraCS
Arizona Traffic and Criminal Software

ALISS: Paper Report Pipeline

- After the reports are completed and approved, the law enforcement agency's records clerk makes copies of the reports.
- When a sufficient number are compiled, they are mailed to ADOT Crash Records.

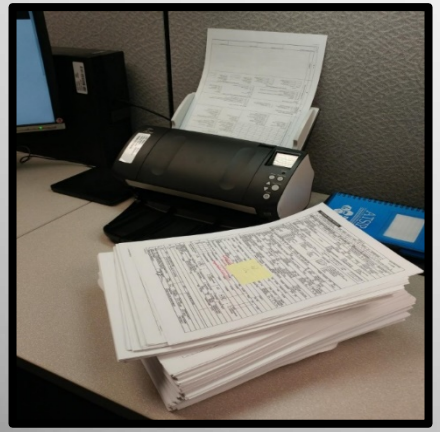

ARIZONA CRASH REPORT

1 POLICE ONLY – FORWARD COPY TO
ADOT TRAFFIC RECORDS SECTION, 064R
206 S. 17TH AVE., PHOENIX, ARIZONA 85007-3233

COMPLETE THE TRUCK/BUS SUPPLEMENT IF

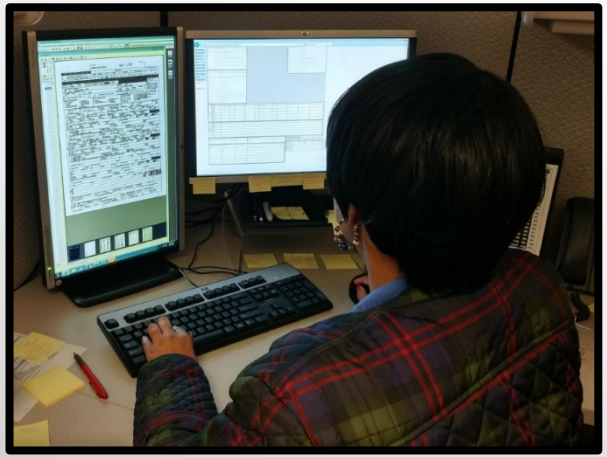
- ADOT receives an average of 600 paper reports a week.

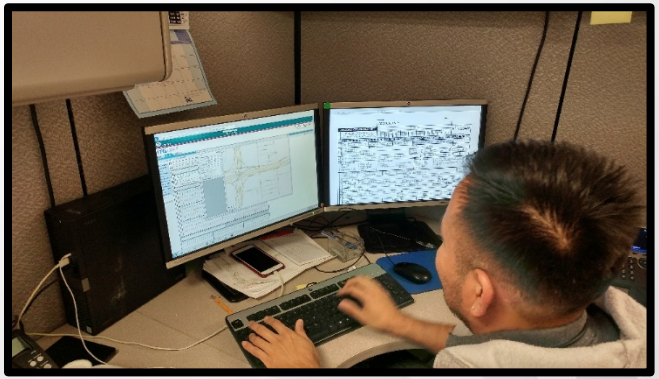
ALISS: Paper Report Pipeline



- ADOT personnel go thorough and remove staples from each report, which is tedious and time consuming (Think PITA).
- Each report is scanned into OnBase (a scanning/storage program).
- The reports are then indexed so they can be located later.

ALISS: Paper Report Pipeline





- The data entry clerks open the report on one screen and ALISS on another screen then enter the data.

ALISS: Paper Report Pipeline

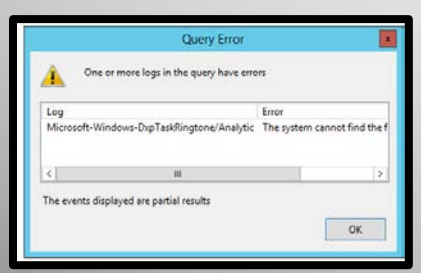
- Hard copies of the reports are held for approximately one month then destroyed.
  - Fatal reports are held three years.
- Scanned copies of the original report are maintained for ten years and then destroyed per the state's records retention policy.
  - This applies to both fatal and non-fatal reports.
- Reports from 2008-2012 are stored on microfilm.

ALISS: Paper Report Pipeline

- Approximately **30%** of crash reports come into ADOT in paper form.

- As of January 4, 2018, ADOT has received **33,224** paper reports for 2017.

ALISS: Electronic Report Pipeline



- Once the report is approved by your supervisor, the report is transmitted electronically.
  - Some agencies have a set time each day to transmit completed reports.
  - Other agencies send them throughout the day as completed.
- When the report comes in, it goes directly into ALISS.
- Multiple queries are run to locate any errors and those errors are corrected.

ALISS: Electronic Report Pipeline

- Currently, ADOT receives electronic reports from 17 agencies, accounting for approximately **70%** of reports.
- As of January 4, 2018, we have received **87,105** electronic reports for 2017.

Arizona Crash Information System-ACIS

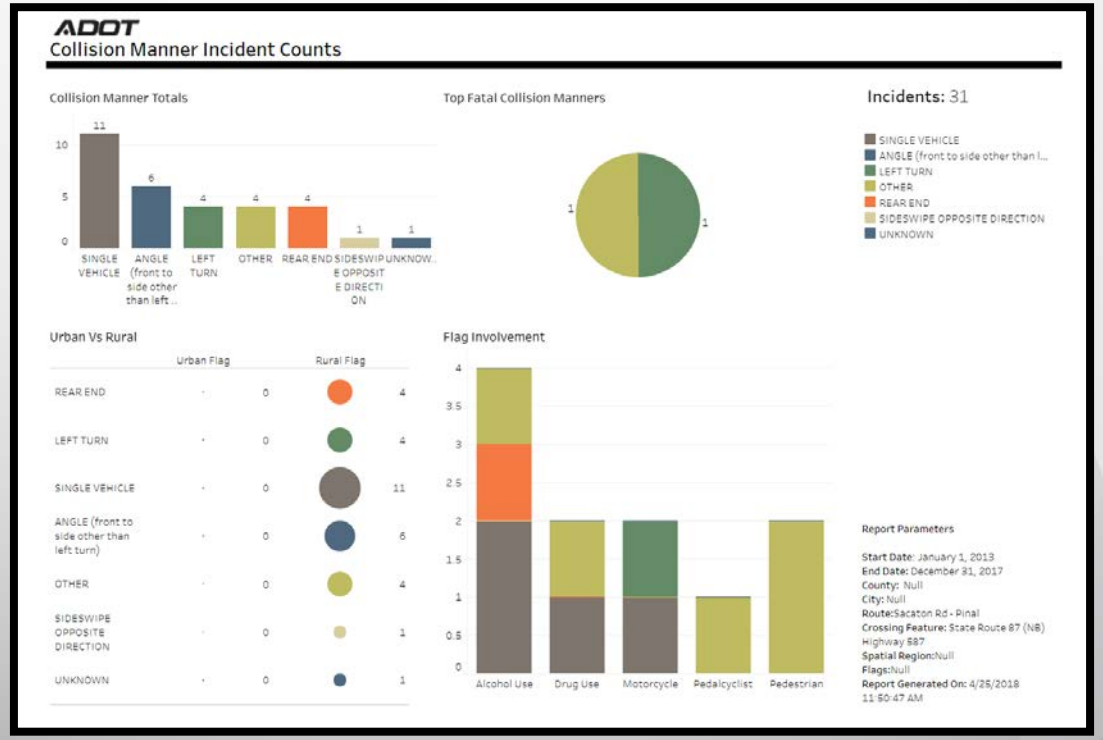
Arizona Crash Information System-ACIS

- Designated personnel have access to ADOT's ACIS database to run reports and retrieve crash data.
- This data can be used to identify crash trends and patterns and focus law enforcement deployment.

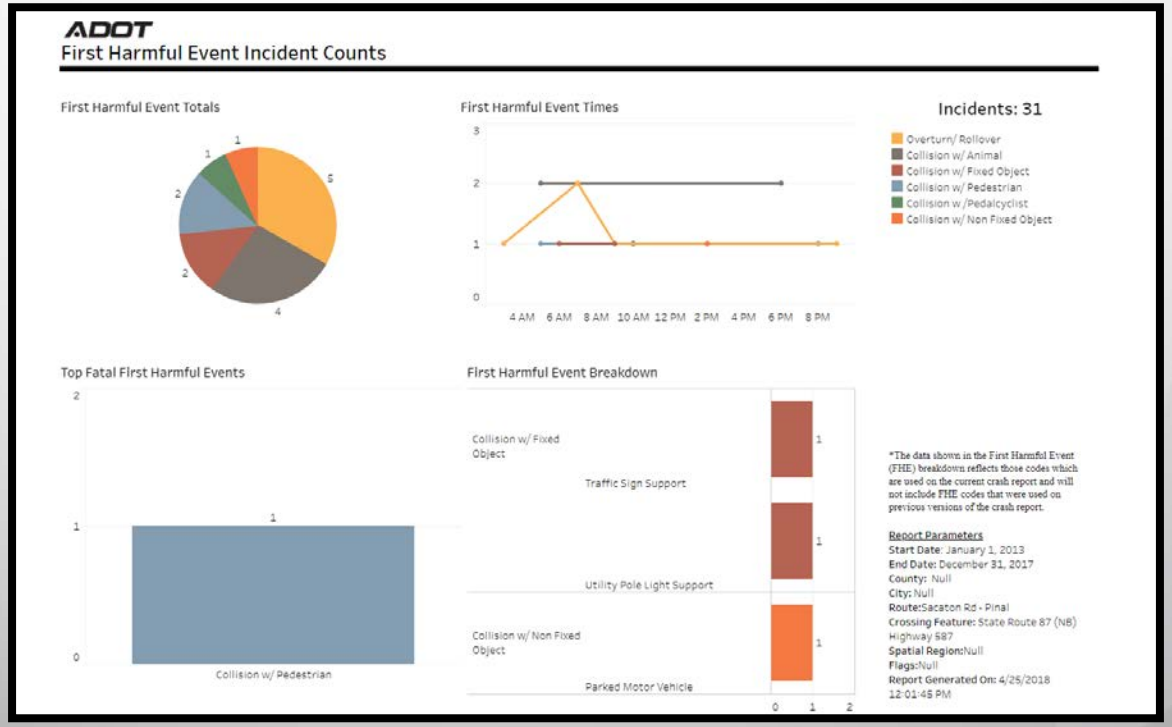
Arizona Crash Information System-ACIS

- Additionally, the data can be used to justify funding requests to various entities for items such as road improvements, safety initiatives and additional enforcement.

Arizona Crash Information System-ACIS



Arizona Crash Information System-ACIS

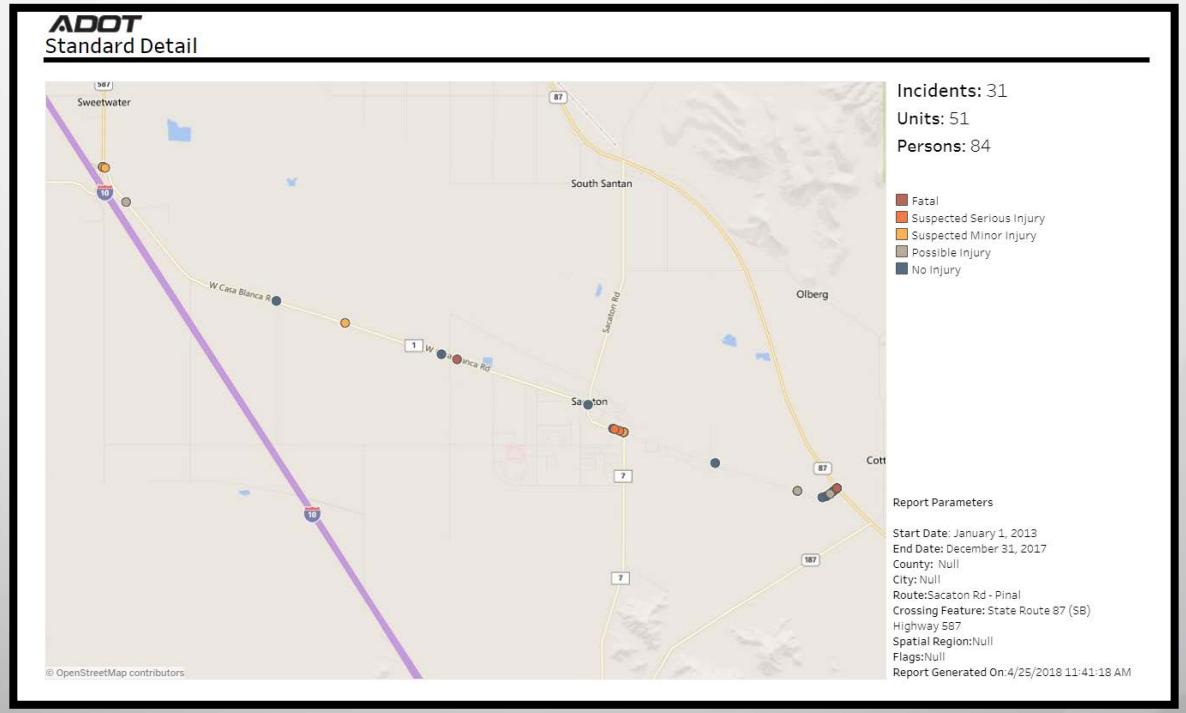


Arizona Crash Information System-ACIS

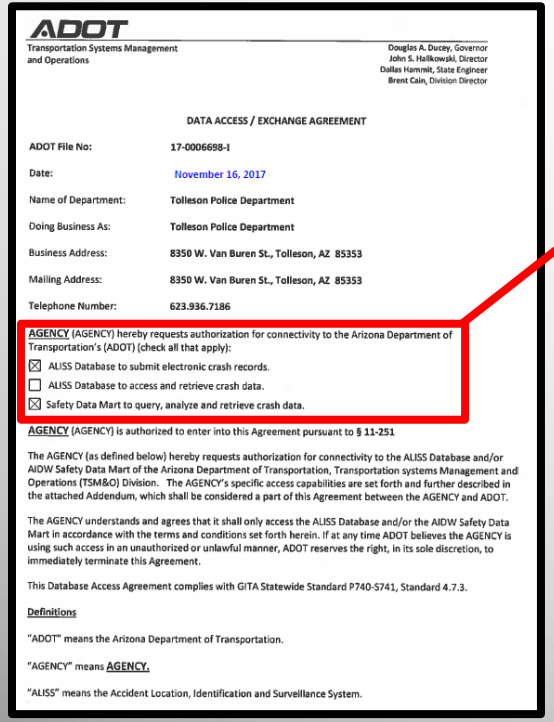
ADOT **First Harmful Event Summary Report**

Incident County Name	Incident Year	Incident First Harmful Desc	Incident Count	Incident Total Injuries	Incident Total Fatalities	Incident Total Units	Incident Total Persons
PINAL	2013	ANIMAL LIVESTOCK	2	2	0	2	5
PINAL	2013	MOTOR VEHICLE IN TRANSPORT	3	3	0	6	10
PINAL	2013	OVERTURN ROLLOVER	1	0	0	1	1
PINAL	2013	PEDESTRIAN	2	1	1	4	4
PINAL	2014	ANIMAL LIVESTOCK	1	0	0	1	1
PINAL	2014	MOTOR VEHICLE IN TRANSPORT	2	0	0	4	4
PINAL	2014	OVERTURN ROLLOVER	2	1	0	2	2
PINAL	2014	TRAFFIC SIGN SUPPORT	1	0	0	1	1
PINAL	2015	MOTOR VEHICLE IN TRANSPORT	1	0	0	2	4
PINAL	2015	OVERTURN ROLLOVER	1	0	0	1	1
PINAL	2015	UTILITY POLE LIGHT SUPPORT	1	0	0	1	1
PINAL	2016	ANIMAL	1	0	0	1	1
PINAL	2016	MOTOR VEHICLE IN TRANSPORT	6	5	1	12	20
PINAL	2016	PARKED MOTOR VEHICLE	1	2	0	2	3
PINAL	2016	PEDALCYCLE	1	1	0	2	2
PINAL	2017	MOTOR VEHICLE IN TRANSPORT	4	2	0	8	23
PINAL	2017	OVERTURN ROLLOVER	1	1	0	1	1
			31	**18**	**2**	**51**	**84**

Arizona Crash Information System-ACIS



ACIS Access IGA



ADOT
Transportation Systems Management and Operations

Douglas A. Ducey, Governor
John S. Halikowski, Director
Dallas Hammit, State Engineer
Brent Cain, Division Director

DATA ACCESS / EXCHANGE AGREEMENT

ADOT File No: 17-0006698-I

Date: November 16, 2017

Name of Department: Tolleson Police Department

Doing Business As: Tolleson Police Department

Business Address: 8350 W. Van Buren St., Tolleson, AZ 85353

Mailing Address: 8350 W. Van Buren St., Tolleson, AZ 85353

Telephone Number: 623.936.7186

AGENCY (AGENCY) hereby requests authorization for connectivity to the Arizona Department of Transportation's (ADOT) (check all that apply):

☒ ALISS Database to submit electronic crash records.

☐ ALISS Database to access and retrieve crash data.

☒ Safety Data Mart to query, analyze and retrieve crash data.

AGENCY (AGENCY) is authorized to enter into this Agreement pursuant to § 11-251

The AGENCY (as defined below) hereby requests authorization for connectivity to the ALISS Database and/or AIDW Safety Data Mart of the Arizona Department of Transportation, Transportation systems Management and Operations (TSM&O) Division. The AGENCY's specific access capabilities are set forth and further described in the attached Addendum, which shall be considered a part of this Agreement between the AGENCY and ADOT.

The AGENCY understands and agrees that it shall only access the ALISS Database and/or the AIDW Safety Data Mart in accordance with the terms and conditions set forth herein. If at any time ADOT believes the AGENCY is using such access in an unauthorized or unlawful manner, ADOT reserves the right, in its sole discretion, to immediately terminate this Agreement.

This Database Access Agreement complies with GITA Statewide Standard P740-S741, Standard 4.7.3.

Definitions

"ADOT" means the Arizona Department of Transportation.

"AGENCY" means AGENCY.

"ALISS" means the Accident Location, Identification and Surveillance System.

AGENCY (AGENCY) hereby requests authorization for connectivity to the Arizona Department of Transportation's (ADOT) (check all that apply):

☒ ALISS Database to submit electronic crash records.

☐ ALISS Database to access and retrieve crash data.

☒ Safety Data Mart to query, analyze and retrieve crash data.

- An Intergovernmental Agreement (IGA) is prepared and signed.
  - Allows the agency to access:
    - ALISS Database to submit electronic crash records.
    - ACIS (formerly SDM) to retrieve crash data.

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Arizona Department of Transportation
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Cell: 480-431-1649
Email: Tjordan@azdot.gov

Questions and Comments