



Driving Indiana's Economic Growth

VCRS Now and in the Future

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INDOT – Systems Assessment and Planning



VCRS Now and in the Future

TOPICS

- What is VCRS?
- Benefits to Transportation Users
- VCRS Status and Restrictions
- Future Plans for Improvement



What is VCRS?

- VCRS stands for VEHICLE CRASH RECORDS SYSTEM
- Four major components
 - Electronic / Paper Crash Report
 - Data Entry and Warehousing
 - Data Sharing between Agencies
 - Data Retrieval



What is VCRS?

- Paper Report
 - Revised to include Motor Carrier Information
 - Revised to allow capture of information by filling in bubbles
 - Added barcode for Scanning and Image capture tracking



The image shows a digital scan of the Indiana Officer's Standard Crash Report form. The form is titled "INDIANA OFFICER'S STANDARD CRASH REPORT" and includes a barcode at the top. It is divided into several sections:

- Header:** Includes report number (2006A10579), date (6/13/06), and time (14:28).
- Accident Information:** Details the location (120 WILE MAHON), date and time of the crash (6/13/06 at 14:28), and the type of crash (CRASH - OTHER).
- Vehicle Information:** Lists the make, model, and year of the vehicle (MAZDA, ROAD M., 2004).
- Contributing Circumstances:** A large section with numerous checkboxes for factors such as driver error, weather conditions, road conditions, and vehicle condition.
- Other Property Damaged/Involved:** A section for listing other vehicles or property involved in the crash.
- Witness/Other Participants:** A section for listing witnesses and other participants in the crash.



What is VCRS?

- Electronic Report
 - Called eVCRS for Electronic Vehicle Crash Records System
 - eVCRS is a PC application for completing and filing a crash report electronically
 - Adds edits that keep an Officer from filling out the report wrong

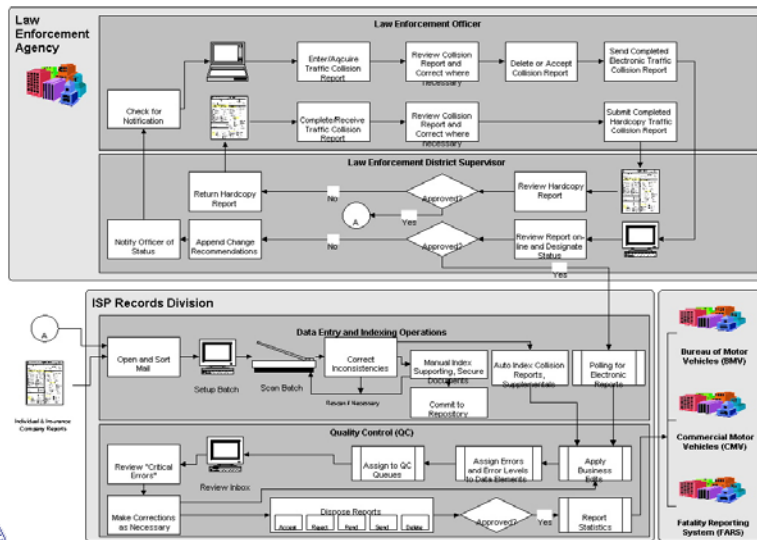
A screenshot of the eVCRS Wizard application window. The window title is "eVCRS - Electronic Vehicle Crash Record System - [New Collision Report]". The menu bar includes "File", "Edit", "View", "Tools", and "Help". The toolbar contains icons for "New", "Open", "Transfer", "Delete", "Report", and "Driver Info". The main area displays a table with columns: "Type", "Status", "Local ID", "Officer ID", "Date/Time", and "Agency". The first row shows "COLLISION", "NEW", "0000000000000000123", "99999", "2004/01/14 11:21", and "001000". Below the table is the "eVCRS Wizard" dialog box with the following sections:

- Please provide Agency and Investigation information.**
- Agency/Local ID Information:** Agency ORI: [dropdown menu], Local ID: [text field]
- Investigation Information:**
 - Officer:** ID No.: [text field], First Init.: [text field], Last Name: [text field] (containing "INDO I")
 - Time Modified:** [text field] AM/PM, **Time Arrived:** [text field] AM/PM, **Date of Report:** [text field] / /
 - Investigation Complete?** Yes/No, **Photos Taken?** Yes/No
 - Other Location of Investigation:** [dropdown menu]
 - Assisting Officer(s):** Name, ID No., Agency ORI (two rows)
 - Reviewing Officer:** [text field]
- Agency is required.** (Red error message)
- Buttons: Cancel, < Back, Next >, Finish

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "9:49 AM". The Michigan State Police seal is visible in the bottom left corner.

Data Entry and Warehousing

- Paper Report
 - Names and location are keypunched
 - Image of report is scanned
 - Bubble information is captured
- Electronic Report
 - No human intervention required
 - When a copy of the report is needed it is rebuilt from the electronic data



Data Sharing between Agencies

- BMV extract only the crash information needed for proof of insurance requirements
- ICJI for justifying safety programs
- MCD for Commercial Vehicle Reporting
- FARS Reporting
- INDOT and MPO employees have full access to the data for safety analysis



Benefits to Transportation Users

- Crash reports are Current
- Paper Report
 - Revised to include Motor Carrier Information
 - eVCRS reporting has edits at the time of preparing the report
 - Report images are electronically available for viewing



VCRS Status and Restrictions

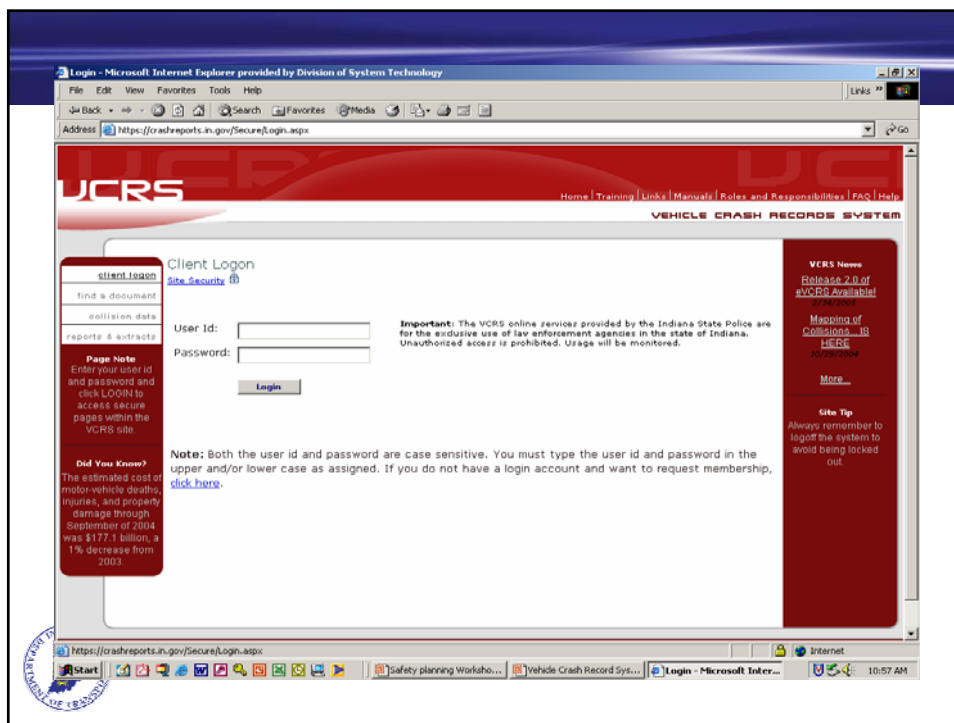
- Crashes available from January 1, 2003 on
- Crash information is available for summarizing and viewing from a Web Site
- Some mapping capability is provided

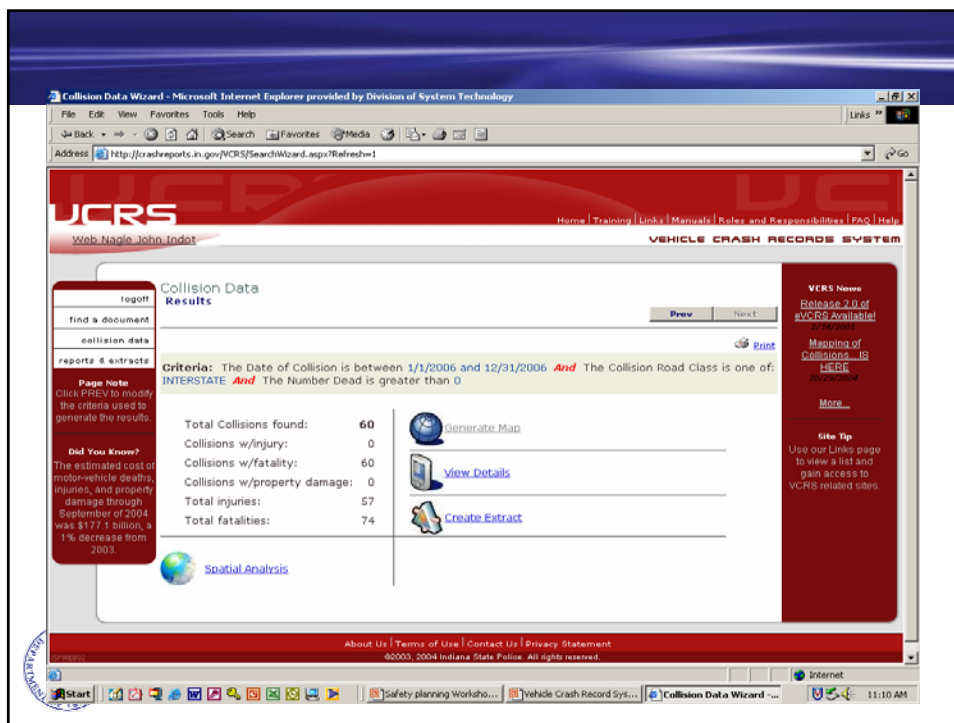
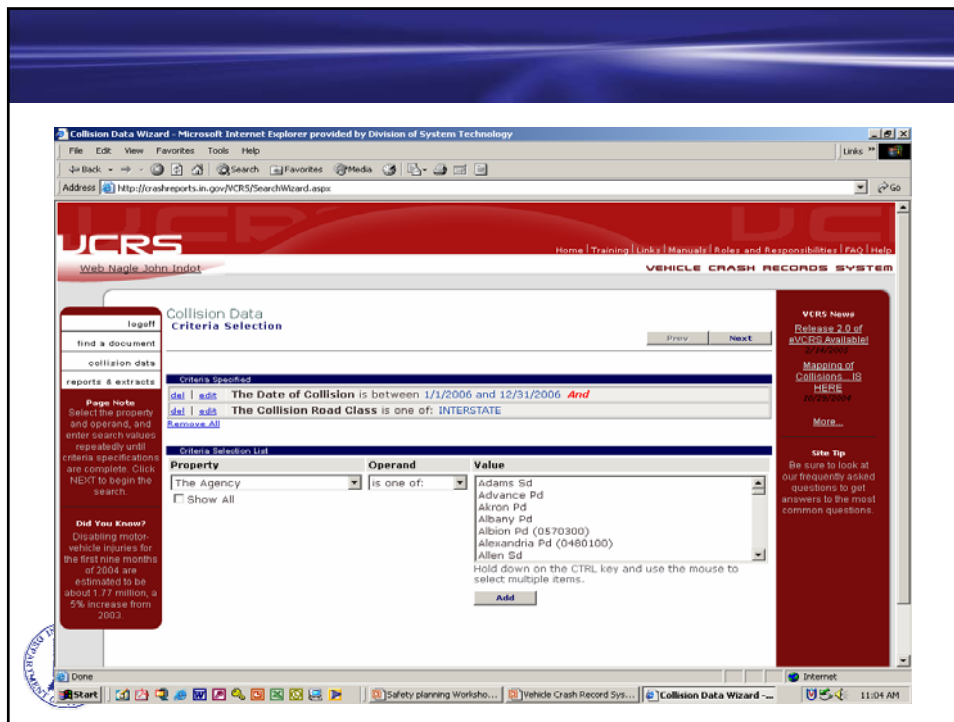


VCRS Status and Restrictions

- Crash Reports are available for sale over the web to the public
- The Crash Data can be summarized and distributed
- The Crash Report Images should not be distributed and should only be obtained from ISP/HSA

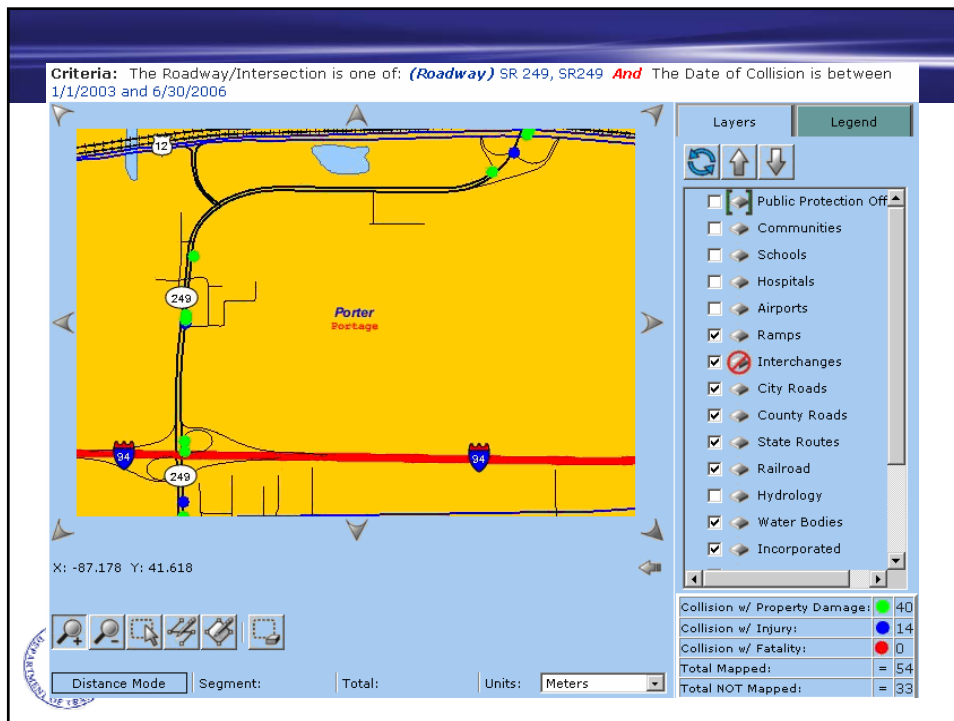


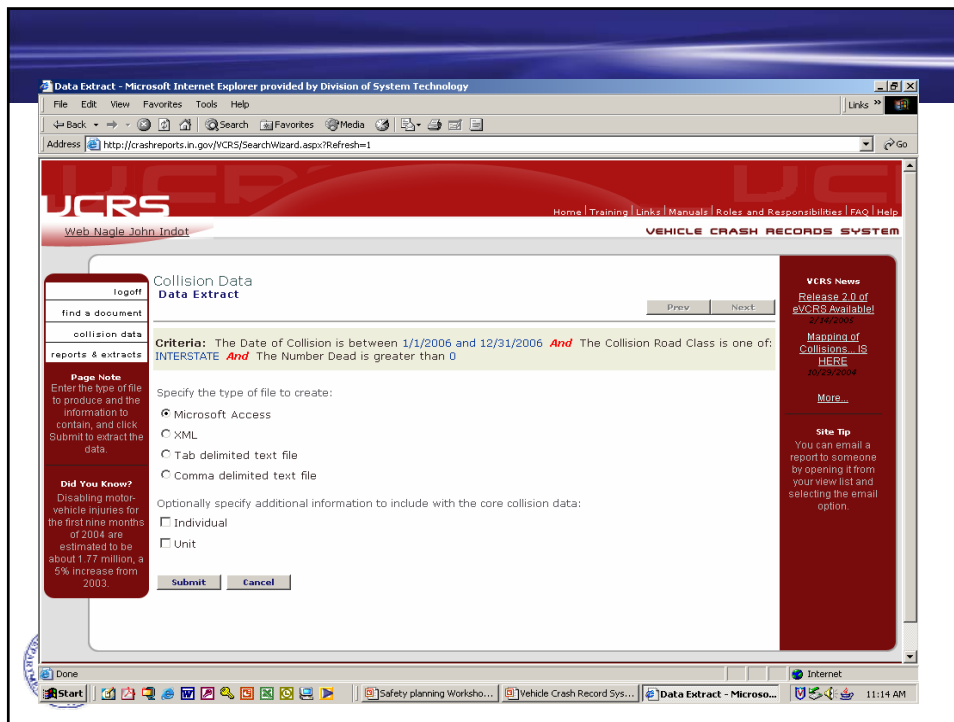




WCRS Results - Microsoft Internet Explorer provided by Division of System Technology

View	MASTER RECORD NUMBER	COLLISION DATE	LOCAL CODE	AGENCY	COUNTY	PRIMARY FACTOR	ROADWAY
View	001373297	8/13/2006	2006A34999	ALLEN SD	ALLEN	TIRE FAILURE OR DEFECTIVE	I69
View	001379182	5/29/2006	20062245	TIPPECANOE SD	TIPPECANOE	RAN OFF ROAD RIGHT	I65
View	001449657	2/13/2006	200604847	ANDERSON PD	MADISON	RAN OFF ROAD RIGHT	I69
View	001775321	1/23/2006	0601743	EVANSVILLE PD	VANDERBURGH	RAN OFF ROAD RIGHT	I184
View	900431259	1/2/2006	1420080102191738	ISP LAFAYETTE 14	TIPPECANOE	RAN OFF ROAD RIGHT	I65
View	900435016	1/17/2006	1420080117052938	ISP LAFAYETTE 14	TIPPECANOE	RAN OFF ROAD RIGHT	I65
View	900435972	1/18/2006	5220080118045157	ISP INDIANAPOLIS 52	JOHNSON	SPEED TOO FAST FOR WEATHER CONDITIONS	I65S
View	900437020	1/8/2006	4320080108180248	ISP SEYMOUR 43	BARTHOLOMEW	FAILURE TO YIELD RIGHT OF WAY	I65S
View	900438916	1/28/2006	1320080128060923	ISP LOWELL 13	LAKE	RAN OFF ROAD RIGHT	I65S
View	900440709	2/2/2006	1320080202042456	ISP LOWELL 13	JASPER	LEFT OF CENTER	I65
View	900441016	2/6/2006	5220080206081053	ISP INDIANAPOLIS 52	BOONE	OTHER (DRIVER) - EXPLAIN IN NARRATIVE	I65S
View	900447324	3/5/2006	2520080305232232	ISP REDKEY 25	GRANT	RAN OFF ROAD RIGHT	I69N
View	900447862	2/28/2006	5220080228213159	ISP INDIANAPOLIS 52	MARION	PEDESTRIAN ACTION	I74W
View	900449331	3/5/2006	1420080305230745	ISP LAFAYETTE 14	TIPPECANOE	DRIVER ASLEEP OR FATIGUED	I65
View	900449620	2/13/2006	200601711	SHELBY SD	SHELBY	OTHER (DRIVER) - EXPLAIN IN NARRATIVE	I65N
View	900452531	3/28/2006	1420080328123533	ISP LAFAYETTE 14	TIPPECANOE	LEFT OF CENTER	I65
View	900453706	3/19/2006	5220080319872207	ISP INDIANAPOLIS 52	MARION	RAN OFF ROAD RIGHT	I465E
View	900455079	3/26/2006	1320080326050154	ISP LOWELL 13	LAKE	UNSAFE SPEED	I94
View	900455992	4/7/2006	2120080407100126	ISP TOLL ROAD 11	LAKE	UNSAFE SPEED	I90
View	900458404	4/18/2006	5220080418123634	ISP INDIANAPOLIS 52	MARION	UNSAFE SPEED	I465E
View	900460570	4/26/2006	2520080426200932	ISP REDKEY 25	GRANT	RAN OFF ROAD RIGHT	I69S
View	900461272	4/28/2006	2006BPC4690	BOONE CO SD	BOONE	OTHER (DRIVER) - EXPLAIN IN NARRATIVE	I65S
View	900462411	5/5/2006	20060509651	MONTCOMERY SD	MONTCOMERY	RAN OFF ROAD RIGHT	I74E
View	900462517	4/26/2006	1320080426114128	ISP LOWELL 13	LAKE	OVERCORRECTING/OVERSTEERING	I90W
View	900463400	5/8/2006	1320080509062923	ISP LOWELL 13	JASPER	NONE (VEHICLE)	I65N
View	900464937	5/14/2006	200608424	BARTHOLOMEW SD	BARTHOLOMEW	OVERCORRECTING/OVERSTEERING	I65S
View	900469509	5/20/2006	5220080520174952	ISP PENDLETON 51	MARION	OTHER (DRIVER) - EXPLAIN IN NARRATIVE	I69S
View	900469859	5/20/2006	1320080520190740	ISP LOWELL 13	LAKE	UNSAFE SPEED	I65S
View	900474774	5/23/2006	522008052224514	ISP INDIANAPOLIS 52	MARION	OVERCORRECTING/OVERSTEERING	I65N





Future Plans for Improvement

- State of Indiana has “privatized” the Vehicle Crash Records System including:
- All maintenance and support of the VCRS system
- All staffing required to process collision data
- All law enforcement agency technical support of the VCRS application



Future Plans for Improvement

- Holt, Sheets & Associates was awarded the “privatization” contract
- Zero cost contract to the State of Indiana
- HSA will generate revenue by the selling of collision reports and collision data/services



Future Plans for Improvement

- Future Areas of Improvement for VCRS
- Enhancement to the eVCRS wizard based application
 - Ability to use 2D barcode readers to scan drivers license and registration
 - Addition of VIN number on collision report
- Future enhancements to eVCRS include:
 - Additional Commercial Vehicle information



Future Plans for Improvement

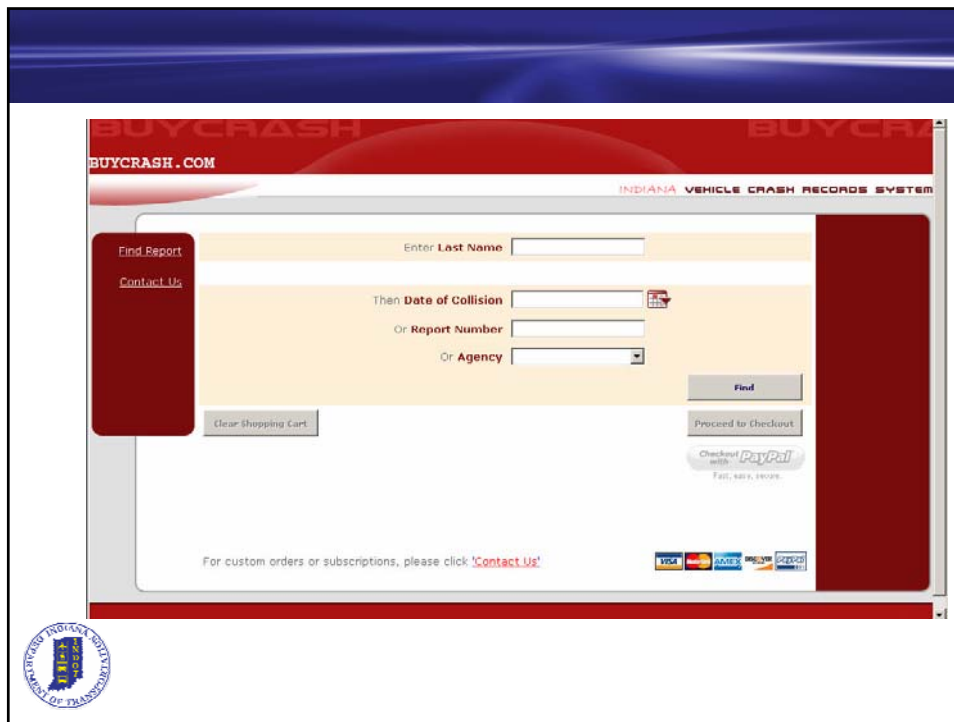
- Mapping of Collisions
 - Currently developing interfaces to map services to map current backlog of unmapped collisions (68,000)
 - Future development to easily integrate INDOT mapping layers into the VCRS system
 - Future addition of a full-time mapping analyst
 - Goal to reach 100% fatal, 90% personal injury and 80% property damage



Future Plans for Improvement

- Revenue Sharing Plan with local law enforcement agencies
- HSA will reimburse agencies for every report sold via buycrash.com
- Law Enforcement Agencies agree to submit collision reports before they sell them at their agency
- This will ensure the central repository is the most accurate "real time" repository available





Future Plans for Improvement

- MUCC Compliance
- Work with INDOT, CVED, FARS, ICJI and local law enforcement agencies to determine any additional elements that need to be added to the collision report



Questions?

