Original

LexisNexis Coplogic Solutions Technical Proposal for the West Virginia Department of Transportation

Crash Reporting and e-Citation System Modernization

CRFP 0803 DOT2600000002

DUE: March 16, 2026 1:30PM

Contact

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Signatures are provided on the following pages in accordance with RFP Section 5.3.2:

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Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130	State of West Virginia Centralized Request for Proposals Info Technology

Proc Folder: 1883460			Reason for Modification:
Doc Description: *Crash Reporting and e-Citation System Modernization*			
Proc Type: Central Master Agreement			
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2026-01-22	2026-03-05 13:30	CRFP 0803 DOT2600000002	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: West Virginia Secretary of State Organization Number: 352809

Vendor Name : LexisNexis Coplogic Solutions Inc.

Address : Headquarters

Street : 1000 Alderman Drive

City : Alpharetta

State : Georgia **Country :** United States **Zip :** 30005

Principal Contact : Stephen Person

Vendor Contact Phone: 517.455.9130 **Extension:** N/A

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john.w.estep@wv.gov

Vendor Signature X [redacted] **FEIN#** 81-1745068 **DATE** 02/18/2026

All offers subject to all terms and conditions contained in this solicitation

Date Printed: Jan 22, 2026 Page: 1 FORM ID: WV-PRC-CRFP-002 2020/05

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Proc Folder: 1883460 **Doc Description:** *Crash Reporting and e-Citation System Modernization* **Proc Type:** Central Master Agreement			**Reason for Modification:** ADDENDUM NO_1 Vendor Questions and Responses Modify Tech Specs Revised Version of Attachment A Bi..... See Page 2 for complete info
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2026-02-13	2026-03-12 13:30	CRFP 0803 DOT2600000002	2

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Proc Folder: 1883460 **Doc Description:** *Crash Reporting and e-Citation System Modernization* **Proc Type:** Central Master Agreement			**Reason for Modification:** *ADDENDUM NO_2* Vendor Questions and Responses
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
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PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: West Virginia Secretary of State Organization Number: 352809
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Vendor Signature X **FEIN#** 81-1745068 **DATE** 03/03/2026

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Proc Folder: 1883460 **Doc Description:** *Crash Reporting and e-Citation System Modernization* **Proc Type:** Central Master Agreement			**Reason for Modification:** ADDENDUM NO_3 Attach New Data Security Addendum Bid Opening Moves to 03/16/2026
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2026-03-09	2026-03-16 13:30	CRFP 0803 DOT2600000002	4

BID RECEIVING LOCATION

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DEPARTMENT OF ADMINISTRATION
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2019 WASHINGTON ST E
CHARLESTON WV 25305
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VENDOR

Vendor Customer Code: West Virginia Secretary of State Organization Number: 352809
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City : Alpharetta
State : Georgia **Country :** United States **Zip :** 30005
Principal Contact : Stephen Person
Vendor Contact Phone: 517.455.9130 **Extension:** N/A

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Vendor Signature X **FEIN#** 81-1745068 **DATE** 03/10/2026

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1. Cover letter (RFP Section 5.3.6.2.1)

Bid Clerk
Department of Administration
Purchasing Division
2019 Washington St E
Charleston, WV 25305

March 12, 2026

RE: LexisNexis Coplogic Solutions proposal response to CRFP 0803 DOT2600000002 for the West Virginia Department of Transportation

LexisNexis Coplogic Solutions Inc. ("Coplogic") appreciates the opportunity to provide this proposal for the West Virginia Department of Transportation ("WVDOT") in response to the Request for Proposal ("RFP") CRFP 0803 DOT2600000002 for Crash Reporting and e-Citation Modernization. This proposal reflects the information provided in Addendum 1, Addendum 2, Addendum 3 and related documents (see Appendix I – Addenda Acknowledgement).

As the industry's leading provider of statewide crash reporting and citation solutions, Coplogic is WVDOT's highest value and lowest risk choice. We offer an established technology framework that is designed specifically for crash and citations projects of this size, scale, and complexity. The successful deployment of similar statewide IT solutions in fifteen other states proves the effectiveness of this framework.

Please note, Coplogic is not proposing any partnerships, joint ventures or other teaming arrangements. We are also not proposing to use subcontractors or subconsultants. Project work will be completed from our headquarters office in Alpharetta, GA and satellite office in Martinsville, IN, as well as from various home-based locations across the United States. Coplogic is properly registered with the West Virginia Purchasing Division in accordance with RFP Section 2, Item 12 (Organization Number: 352809).

In accordance with the instructions in RFP Section 5.3.1, our proposal consists of two parts; Technical Proposal and Cost Proposal. As requested in RFP Section 2, Coplogic has included one original copy of our Technical Proposal and one original copy of our Cost Proposal. We have also included seven convenience copies of each. As well, in accordance with RFP Section 5.3.6.3, we have also included electronic copies of our Technical Proposal and Cost Proposal on flash drives included with this shipment.

As requested in RFP Section 5.3.6.2, our Technical Proposal includes this cover letter, an executive summary providing an overview of our proposal and how we can meet WVDOT's stated requirements, a detailed description of our proposed solution, completed Attachment A, information about cloud

hosting, our proposed project approach, proposed project team and organization, an overview of our project management methodology and client references. In the appendices we have provided signed addenda acknowledgement forms, signed Certification and Signature page, project team resumes and our exceptions to the terms. Coplogic's separate Cost Proposal includes our completed Attachment B in accordance with RFP Section 5.3.7.

We look forward to partnering with WVDOT on this important modernization effort. Coplogic is committed to collaborating closely throughout development, testing, and the phased statewide rollout to ensure the new crash reporting and e-citation system fully supports your vision and delivers lasting value for the State of West Virginia. If you have any questions about this proposal, please reach out to me, the responsible contact person and your dedicated account manager, Steve Person, by phone at 517-455-9130 or via email at stephen.person@lexisnexisrisk.com.

Sincerely,

Steve Person

2. Executive Summary (RFP Section 5.3.6.2.2)

2.1 Overview of the Proposed Solution

To achieve all the West Virginia Department of Transportation's ("WVDOT") objectives, LexisNexis Coplogic Solutions ("Coplogic") is proposing an end-to-end, cloud-based crash reporting and citation management solution. Coplogic takes a Modified Off-the-Shelf ("MOTS") solution approach to our statewide contracts. This enables us to design every solution to each customer's specifications, while leveraging our robust, pre-existing technology framework and core functionality which serves as the basis for the multiple successful crash and citations solutions we have currently in place with other states.

Coplogic's end-to-end electronic crash and citation solution will include the following core modules:

- eCrash Collection Tool
- eCitation Collection Tool
- Crash Data Repository
- Citation Data Repository
- eCommerce Application
- Reporting & Analytics Module
- Administrative Portal
- Cloud Architecture

Full details on Coplogic's proposed solution are provided in section 3 of this Technical Proposal.

2.2 Meeting WVDOT's Requirements (RFP Section 4.2)

As indicated in section 2.1, Coplogic's proposed solution is purpose-built to meet WVDOT's vision for a secure, reliable, and fully integrated system that enhances data collection in the field, streamlines data transfer to statewide systems, and improves the overall efficiency and accuracy of reporting across agencies.

Our proposed approach includes all required services to design, develop, configure, test, train, deploy, maintain, and operate the new solution (see section 6 for information on the proposed project plan). Coplogic fully aligns with WVDOT's intent to leverage an iterative methodology with regular

demonstrations and hands-on testing by stakeholders. In fact, Coplogic uses Agile methodology as standard for all our statewide engagements. This collaborative model ensures transparency, rapid feedback, and continual refinement throughout development.

Coplogic can fully support a phased rollout strategy, including a pilot with selected agencies, stabilization period to incorporate pilot feedback before statewide deployment. Our implementation plan is designed to meet WVDOT's required timelines (see section 6.1 for further details). Beyond implementation, Coplogic will provide ongoing operations and maintenance to ensure system stability, continuous improvement, and long-term success.

With our proven experience, collaborative approach, and commitment to quality, Coplogic is confident in our ability to deliver a modernized crash reporting and e-citation system that fulfills WVDOT's goals and provides lasting value to WVDOT and other State stakeholders.

2.2.1 Goals & Objectives (RFP Section 4.2.1)

Coplogic can meet all WVDOT's goals and objectives as stated in RFP Section 4.2.1 as discussed below:

- **Goal/Objective 4.2.1.1:** Coplogic is highly experienced in replacing legacy statewide crash reporting and e-citation systems with a modern web-based application that is expressly designed to enhance process efficiency. Over the past two decades, we have developed a proven project methodology designed to minimize interruption for our statewide customers while still delivering a solution that meet's your exact specifications (please see section 6 for full details on our proposed project approach). Our cloud-based solution is highly scalable and can be configured to meet changing needs throughout the duration of the contract (please see section 3 for additional information on our proposed solution).

- **Goal/Objective 4.2.1.2:** Through our many statewide engagements, Coplogic understands how to design and continually support sophisticated IT systems to comply with the latest federally sponsored crash data and quality standards, including the National Highway Traffic Safety Administration ("NHTSA") Model Minimum Uniform Crash Criteria ("MMUCC") Sixth Edition (please see section 3.2.1 for additional information on compliance).

- **Goal/Objective 4.2.1.3:** Coplogic's solution will feature a user-friendly mapping component that can capture the GPS coordinates of the crash using a pin-drop (this can be moved/overridden by the responding officer). We will integrate with WVDOT's Location Referencing System ("LRS") and work with you to determine the best map layers to use.

- **Goal/Objective 4.2.1.4:** Coplogic brings expertise in integrating and interfacing with external systems from our project work on multiple statewide IT solutions. In connection with these engagements, Coplogic has employed different kinds of methods for interfacing with external systems: sophisticated APIs for real-time data exchanges over RESTful web services, secure file transfers (like SFTP), and by writing directly to databases. Our technology framework also includes 2D barcode and magnetic strip reader functionality to auto-populate fields from a driver license or vehicle registration cards. Officers can also enter a VIN to have the system auto-populate the form from previously run queries. They can override this information if required.

- **Goal/Objective 4.2.1.5:** Our technology framework enables users to create and issue crash reports and citations while offline. They will sync to the backend server once connectivity is re-established.

- **Goal/Objective 4.2.1.6:** As explained in our response for Goal/Objective 4.2.1.4, Coplogic brings expertise in integrating and interfacing with external systems as part of our work with multiple other statewide customers. Coplogic will support integrations with WVDOT and State systems, including the new West Virginia driver license system, vehicle registration system, and the West Virginia Unified Court System.

- **Goal/Objective 4.2.1.7:** Coplogic will leverage decades of experience providing solutions that manage the sale of crash reports and provide a solution that allows West Virginia law enforcement agencies to publish crash reports for online purchase by authorized parties, with configurable controls that allow each agency to set report fees and restrict reports from purchase as needed. The solution will integrate with the West Virginia State Treasurer's Office ("STO") merchant services system to securely collect applicable fees.

- **Goal/Objective 4.2.1.8:** Coplogic provides integrated Business Intelligence tools for reporting and analytics on any data field. This includes robust auditing functionality to that logs all activities that occur within the system.

- **Goal/Objective 4.2.1.9:** Our technology platform includes a real-time rules and data validation engine that supports cross-field validation, dynamic branching based on prior inputs, and in-application warnings when validation requirements are not met. Coplogic will work closely with WVDOT to provide system administrators with a high degree of configurability for business rules and validation logic. At the same time, our priority is to ensure the stability and availability of the application. Based on our experience supporting large, mission-critical statewide systems, unrestricted changes to certain validation rules or core system settings can introduce unintended performance impacts. To balance flexibility with reliability, Coplogic employs an administrative model that maximizes configurability while preserving system stability. As part of our maintenance

and support services, Coplogic provides timely updates to validation rules at no additional cost, enabling WVDOT to adapt the system as operational needs evolve.

- **Goal/Objective 4.2.1.10:** Coplogic will deliver API-based integration capabilities to connect the crash and citation systems with local agency's CAD and/or RMS, supporting real-time data exchange via secure web services

- **Goal/Objective 4.2.1.11:** As explained in our response to Goal/Objective 4.2.1.6, Coplogic is highly experienced with building and supporting external interfaces and will provide interfaces for all State and local agency systems/partners included in Attachment C.

2.2.2 Mandatory Project Requirements (RFP Section 4.2.2)

Coplogic meets all WVDOT's mandatory requirements listed in the RFP as demonstrated below. We will apply a MOTS approach under which our team will design and develop the solution to WVDOT's exact specifications. We will leverage our pre-existing technology framework with core functionality which has been developed and proven as utilized by multiple state Departments of Transportation.

Goal/Requirement	Meets	Coplogic Response
4.2.2.1 Provide a solution to support electronic vehicle crash reporting that fully complies with state and federal laws and regulations	✓	Please see section 3.2.1.1 of this response for details.
4.2.2.2 Provide a solution to support electronic citation issuance and reporting that fully complies with state laws and regulations	✓	Please see section 3.2.1.2 of this response for details.
4.2.2.3 Implement Vendor solution in compliance with the State of West Virginia Enterprise Architecture standards	✓	Please see section 3.2.1.3 of this response for details.
4.2.2.4 Provide system integration services necessary to successfully implement the Vendor's proposed crash reporting and e-citation solutions	✓	Please see section 6.1.2 of this response for details.
4.2.2.5 Provide project management services throughout system implementation and operations and maintenance	✓	Please see section 8.2 of this response for details.
4.2.2.6 Plan and conduct structured testing during each project phase	✓	Please see section 6.1.3 of this response for details.
4.2.2.7 Design, develop, test, deploy, and support required system integrations	✓	Please see section 3.3.3.1 of this response for details.
4.2.2.8 Design, develop, test, deploy, and support management reports	✓	Please see section 3.2.2 of this response for details.

Goal/Requirement	Meets	Coplogic Response
4.2.2.9 Plan and execute data migration	✓	Please see section 6.1.4 of this response for details.
4.2.2.10 Implement Vendor solution in conformance with state and federal security regulations, policies, and requirements	✓	Please see section 3.2.1.4 of this response for details.
4.2.2.11 Provide a high-performing solution	✓	Please see section 3.2.3 of this response for details.
4.2.2.12 Provide a solution designed for high availability and reliability	✓	Please see section 3.2.4 of this response for details.
4.2.2.13 Provide a solution with a consistent and intuitive user interface that fully complies with relevant usability standards	✓	Please see section 3.2.5 of this response for details.
4.2.2.14 Provide document management capability within the Vendor solution	✓	Please see section 3.2.6 of this response for details.
4.2.2.15 Provide audit trail functionality	✓	Please see section 3.2.7 of this response for details.
4.2.2.16 Operate and maintain Vendor solution in production per service levels as negotiated and mutually agreed to in the Contract	✓	Please see section 6.2 of this response for details.

2.2.3 Desired Project Requirements (RFP Section 4.2.3)

RFP Section	Requirement	Coplogic Response
4.2.3.1	**Complete implementation of the project within the agreed-upon timelines.** The Vendor will deliver the system to a production status and meet the go-live criteria within 30 days of the go-live date in the approved work plan for that phase (pilot or statewide deployment). The Vendor will be subject to liquidated damages of $5,000 per day for each day over 30 days past the planned go-live date the Vendor is late in meeting all go-live criteria and achieving production status.	✓ Coplogic will deliver the system to production status and meet the go-live criteria as described. Furthermore, we look forward to collaborating with the State to deliver a solution that balances flexibility, configurability, security and responsibility. We propose SLA metrics and penalties to demonstrate our commitment to meeting WVDOT's expectations and tie our performance to user experience. See Appendix V – Contract Exceptions for contract exceptions.
4.2.3.2	**Deploy implementation of pilot phase and full statewide deployment to production status on an expedited timeline.** WVDOT is seeking to expedite project implementation to reduce Agency business risk and ensure the Agency meets the timelines agreed to with NHTSA in our State Electronic Data Collection (SEDC) grant. WVDOT will evaluate the Vendor' s proposed project timeline and award up to five (5) points as part of the Vendor's technical score for a Vendor committing to early delivery of the pilot phase and/or statewide deployment. Vendors will receive three (3) points for agreeing to deliver the pilot phase within 15 months or earlier of NTP and two (2) points for agreeing to complete statewide deployment within 24 months or earlier. The advanced delivery date must include the full scope, and the Vendor must meet all Go-Live criteria for the phase by that date.	✓ Coplogic proposes a complete statewide deployment within 24 months of NTP which will be following a fully executed contract and Delivery Order. See section 6.1 for project timeline details.

RFP Section	Requirement	Coplogic Response
	The Vendor proposed go-live date for each phase will then become the date for the basis for calculating liquidated damages for late delivery for that phase.	
4.2.3.3	**Address identified defects during Operations and Maintenance per Agency-defined service levels.** The Vendor shall address issues/defects identified during Operations and Maintenance per the issue resolution timelines identified below in Table 2.	✓ We will address issues/defects identified during Operations and Maintenance per the issue resolution timelines identified in the RFP Table 2. Additionally, should the State's standards not be met, Coplogic will issue service credits which can be applied to application managed services fees or enhancement requests by WVDOT. Our proposed SLAs are detailed in section 6.2.4.
4.2.3.4	**Provide experienced staff throughout the contract that meets or exceeds the experience of the staff identified in the Vendor proposal.** The experience of the Vendor staff identified in the Vendor's proposal shall serve as the baseline for the level of experience of staff who will work on the project for the duration of the contract. If staff must be replaced for whatever reason during the contract, WVDOT will expect any new staff to have equal or greater experience to the staff member being replaced.	✓ Coplogic acknowledges and will comply with this requirement.
4.2.3.5	**Fully disclose all subcontractors and their proposed role in the Vendor proposal and obtain WVDOT approval before subcontracting any other elements of the work under the Contract.** The Vendor shall disclose all proposed subcontractors in their proposal, the role the subcontractor will be performing, and the subcontractor's qualifications for the proposed role. During the contract, the Vendor shall	✓ Coplogic is not proposing any subcontractors. If any subcontractors are anticipated at a future time, Coplogic will obtain WVDOT approval prior to onboarding and make available to WVDOT a copy of the subcontract upon request.

RFP Section	Requirement	Coplogic Response
	obtain WVDOT approval prior to onboarding any subcontractors beyond those identified in their proposal and approved by WVDOT. The Vendor shall make available to WVDOT a copy of the subcontract between the Vendor and any of its subcontractors upon request.	
4.2.3.6	**Provide the ability to integrate the Vendor solution with local agency identity management systems to support single sign-on for local agency staff.** The Vendor should provide an application program interface (API) to support integrating the Vendor solution with a local agency partner's identity management systems. The Vendor should demonstrate this integration capability with a local agency by integrating with the identify management system of one local agency identified by WVDOT for crash reporting and e-Citation as part of the statewide deployment. Additional work required to integrate with other local agencies, if required, will be negotiated with the Vendor as a scope change to the Contract.	✓ Coplogic will provide an API to integrate the system with local agency partners' identity management systems as described. As a standard part of our statewide public safety solutions, we publish a universal web service API.

2.3 Experience Summary

Coplogic is a highly experienced supplier with documented past performance providing public safety solutions for thousands of law enforcement agencies across the U.S. and Canada. This includes over 20 years of experience in the design, development, implementation, and support of electronic citation and crash reporting systems. The stakeholders involved in these statewide projects vary by individual state but typically include state DOTs, DPSs, Highway Safety Departments, police and sheriff departments, local municipal planning agencies, and other groups. Across all ongoing projects, Coplogic receives more than 3.6 million crash reports annually.

As demonstrated in the table on the following page, **Coplogic exceeds WVDOT's mandatory qualification and experience requirements:**

RFP Section	Requirement	Coplogic Response
4.3.1.1	The Vendor's proposed vehicle crash reporting solution should have been in production status for at least one United States jurisdiction with at least 50,000 crash reports per year captured in the Vendor's system as of the date of proposal submission.	✓ Coplogic has 13 active statewide crash reporting solutions across the United States, the vast majority of which have been in place for well over a year. As just one example, our statewide solution for the Kentucky State Police ("KSP") processed over 140,000 collisions in 2025. Please see section 10.3 for project details.
4.3.1.2	The Vendor' s proposed e-Citation solution should have been implemented to a production status for at least one United States jurisdiction with a minimum of 150,000 electronic citations per year captured in the Vendor' s solution as of the date of proposal submission.	✓ Coplogic has 6 active statewide eCitation solutions across the United States. As just one example, our statewide solution for KSP processed over 570,000 citations last year. Please see section 10.3 for project details.
4.3.1.3	The Vendor should have prior experience, preferably as the prime system integrator, with implementing the Vendor's proposed vehicle crash reporting and e-Citation solution to a production status for at least one United States jurisdiction as of the date of proposal submission	✓ Over the past 20 years, Coplogic has served as the prime system integrator for the implementation of our MOTS statewide crash reporting and e-Citation solutions. In this time, Coplogic has implemented statewide crash solutions for 17 states across the U.S., as well as 8 statewide eCitation solutions.

Please see section 7.1 for more information on Coplogic's qualifications and experience.

2.4 Overview of the Proposed Project Team

Coplogic's Professional Services Group ("PSG"), our dedicated statewide project team, will be responsible for the design, build, implementation and support of Coplogic's crash and citation solution for WVDOT. This team bring extensive expertise in the development and support of large, complex citation and crash solutions, including robust reporting and analytics functionality. Coplogic will draw on this expertise to deliver a solution that meets WVDOT's reporting and analytics needs.

As demonstrated in the table on the following page, **Coplogic meets or exceeds WVDOT's mandatory qualification and experience requirements:**

RFP Section	Requirement	Coplogic Response
4.3.2.1	The Vendor's proposed Project Manager must be currently certified as a Project Management Professional (PMP) by the Project Management Institute.	✓ Please see section 14.3 in Appendix IV – Resumes for experience details for our Project Manager.
4.3.2.2	The Vendor's proposed Functional Lead and Technical Architect must have at least two years of experience working in similar roles on implementations of the Vendor's proposed solution.	✓ Please see sections 14.4, 14.5 and 14.6 and in Appendix IV – Resumes for experience details for our Functional Leads and Technical Architect.

Please see section 7 for details on the proposed project team.

3. Proposed Solution (RFP Section 5.3.6.2.3)

Under our MOTS approach (see section 2.1 for more details), Coplogic's PSG team will design and develop a statewide crash reporting and citation management tool to WVDOT's exact specifications. Leveraging our pre-existing technology framework with core functionality as a starting point (see Figure 1), Coplogic can design a contemporary system on our next-generation law enforcement data management platform to deliver a solution that is configured to WVDOT's exact specifications. This core framework forms the basis of fifteen statewide public safety solutions, including those utilized by multiple state Departments of Transportation.

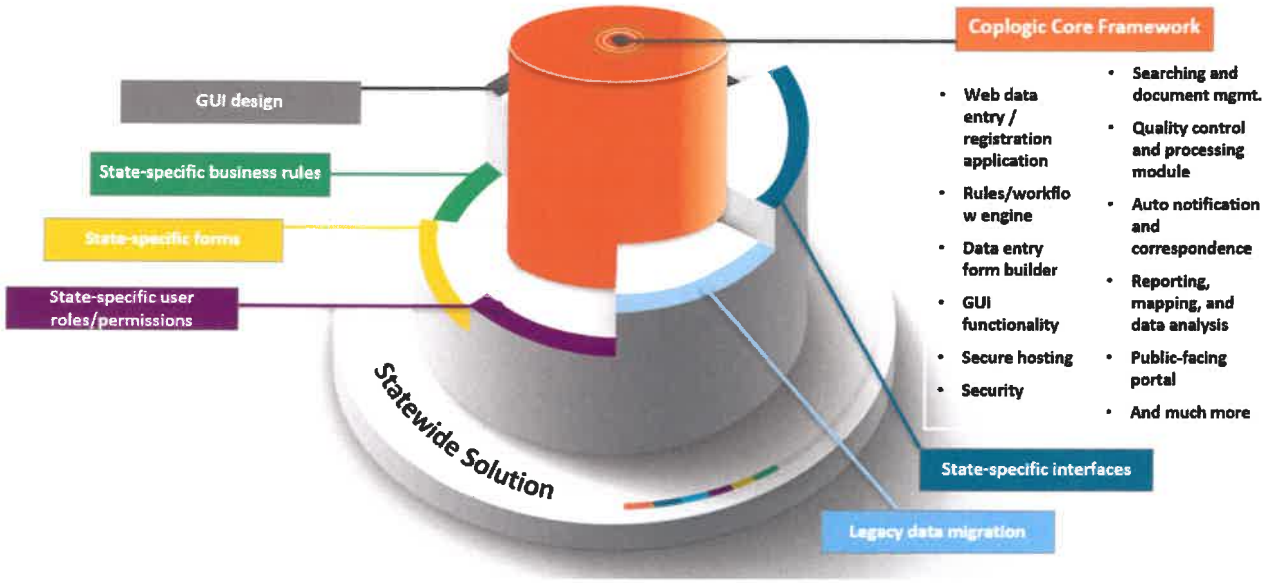

Figure 1: Overview of the Coplogic solution approach. *To lower costs and expedite development, Coplogic leverages a pre-existing technology framework with core functionality. We will then further develop and configure the solution layers per our customer's specific requirements.*

In contrast, competitors that focus on products often have a "one-size-fits-all" mentality. They may install and maintain invariable products with minimal attention. There is little to no configuration to individual agency needs. Support and maintenance services focus on answering user questions and upgrading the licensed software product to future versions when new functionality or bug fixes are available.

3.1 Solution Overview

Coplogic's proposed solution will include the following key modules/features:

Key System Features	Description
Secure, High Performance Cloud Hosting	Coplogic is proposes to use Amazon Web Services ("AWS") GovCloud as our cloud hosting service provider ("CSP") to deliver a secure, highly available, and high-performance solution. This is a specialized cloud region designed to host sensitive data and regulated workloads for U.S. government agencies and customers. In accordance with Question #21 of Addendum 1, the State will have the option to instead host the solution in a State-controlled environment.
Data Repository(ies)	A centralized, secure, cloud-hosted database for crash and citation data. They will serve as shared data and document repositories for crash report and citation information across the State. The infrastructure will be highly available and designed for consistently reliable uptime, security, scalability, and high performance. The database component will include a data dictionary, custom business rules/validations, secure storage of sensitive data, and methods of obtaining access from other internal applications. The Data Repositories will be designed and implemented to be compliant with all federal (MMUCC, SafeSpect, FARS, ANSI D16, etc.) and state requirements.
Web Application & Portal	A web application will feature profile-based user access workflow functionality to review, edit, and approve submitted crash and citations records. The workflow application will be configured to optimize the processing of reports that contain data with errors. A web portal will let authorized State users review and analyze crash report data through querying, data extracts, mapping, statistical reporting tools, and advanced data analytics. The web portal application will also allow authorized State of WV users access, review and analyze every data element collected from the crash and citation reports through querying, data extracts, mapping, statistical reporting tools, and advanced data analytics.
eCrash & eCitation Collection Tools	Coplogic will deliver electronic submission applications that provide for the collection, validation and submission of crash and citation reports data by law enforcement officers throughout the State. Coplogic will synchronize all data requirements and validations from the data repositories in the eCrash and eCitation applications. This ensures that all submitted reports will be complete, accurate, and error-free. Coplogic brings experience designing and implementing statewide collection tools of this kind.

Key System Features	Description
Data Submission and Data Retrieval APIs	These APIs will provide a mechanism that enables the import and export of crash and citation records.
Data Conversion & Migration	Coplogic works with our state partners to execute a comprehensive data conversion and migration plan. Our standard process is to follow an agreed upon data migration plan which takes place concurrently with other development and implementation efforts. We will work with WVDOT to meet required data migration and conversion requirements and leverage best practices gained from similar statewide crash and citation projects.
eCrash & eCitation Collection Tools	Coplogic will deliver electronic submission applications that provide for the collection, validation and submission of crash and citation reports data by law enforcement officers throughout the State. Coplogic will synchronize all data requirements and validations from the data repositories in the eCrash and eCitation applications. This ensures that all submitted reports will be complete, accurate, and error-free. Coplogic brings experience designing and implementing statewide collection tools of this kind.
eCommerce Portal	Coplogic will provide an eCommerce web-based solution that provides report fulfillment to individuals and companies that have permissible use rights under DPPA guidelines. One of the major benefits of our eCommerce solution is significantly increased revenue for the State of West Virginia. LexisNexis Risk Solutions serves as an authorized agent and fulfillment entity for the insurance industry.
Establishment of Interfaces to Legacy Data Sources	Coplogic will incorporate functionality to incorporate data-prefill from legacy application to expedite the collection, improve the accuracy, and improve public and officer safety. Examples may include retrieving driver's license and registration data from the DMV or location data from the State's LRS system.
Data Sharing	Coplogic will work closely with the State of West Virginia to automate data sharing with strategic local, state, and federal partners. Some examples may include data sharing automation to FARS, SafeSpect, NHTSA, the WV Department of Transportation, Municipal and State Courts, the Department of Motor Vehicles, and other Law Enforcement Agencies within the State.
Timely, Accurate and Compliant Data Collection & Storage	Coplogic will work closely with the State of West Virginia to incorporate data validations and business edits to ensure compliance with all specified requirements (like MMUCC). All of these rules will be incorporated in the data repositories and the electronic collection applications (eCrash and eCitation) to ensure complete, accurate, and compliant data collection and storage.

Key System Features	Description
	Because the report create in our eCrash and eCitation will be error-free, the submission will be auto-accepted into the repositories which will ensure timeliness.
Incorporation of the Trancite Crash Diagramming Solution	Coplogic has been a valued partner with Trancite for the past 26 years and has been embedded in at least 8 of our existing statewide eCrash implementations. We will incorporate the best-of-breed SmartSafety Software (Trancite) *Accident Diagramming software Solution Easy Street Draw* crash diagramming software suite within our State of West Virginia eCrash electronic submission application.

3.2 Mandatory Features

3.2.1 Compliance

Coplogic's proposed solution will be designed to be fully compliant with all applicable requirements and regulations set out by WVDOT in this RFP:

3.2.1.1 Compliance with State & Federal Laws & Regulations for Crash Reporting (RFP Section 4.2.2.1)

Coplogic will comply with WVDOT's compliance requirements in accordance with West Virginia State Code and Administrative Rules and West Virginia State Code § 17C-4. As introduced in section 2.2.1, Coplogic understands how to design and continually support sophisticated IT systems to comply with the latest federally sponsored crash data and quality standards, as well as state-specific standards, due to our long history in delivering crash reporting solutions to our statewide customers. The following examples demonstrate our capabilities and expertise in delivering statewide crash systems that comply with the latest crash reporting laws and regulations (this is not an exhaustive list):

- Coplogic has delivered other statewide crash reporting systems which have facilitated the collection and transmission of data crash data to and from the NHTSA FARS database.
- Coplogic has extensive experience assisting our statewide customers in defining MMUCC-compliant data elements and updating crash reporting forms. Coplogic has previously held MMUCC Crash Form Revision workshops to facilitate stakeholder engagement, ensuring that revised forms align with both state-specific needs as well as the latest national standards. Our versioning strategy ensures clear differentiation between form iterations, making the latest version available to law enforcement agencies upon release.

- Our statewide crash reporting solutions have included automated validation, mapping tools, and integration support to maintain data integrity and ensure accurate reporting to NHTSA.
- Coplogic's crash reporting solution will comply with American Association of Motor Vehicle Administrators ("AAMVA") policies and standards to the extent applicable.
- Coplogic is currently working closely with an existing statewide Department of Transportation customer, to ensure that Federal Motor Carrier Safety Administration ("FMCSA") reporting is complete, accurate, and up to date.
- Within many of our other statewide crash reporting solutions, Coplogic has incorporated workflows and functionality that support commercial vehicle crash reporting to the FMCSA. These capabilities also facilitate integration with FMCSA systems such as SafetyNet and the Motor Carrier Management Information System ("MCMIS").

3.2.1.2 Compliance with State Laws & Regulations for Electronic Citation Issuance (RFP Section 4.2.2.2)

Coplogic will design the eCitation solution to comply with West Virginia State Code and Administrative Rules as described in the RFP.

3.2.1.3 Compliance with State Enterprise Architecture Standards (RFP Section 4.2.2.3)

Coplogic's will architect the crash reporting and citation solution to comply with the State's Enterprise Architecture standards as applicable.

3.2.1.4 Compliance with State & Federal Security Regulations, Policies & Requirements (RFP Section 4.2.2.10)

Coplogic will comply with all the State and Federal Security Regulations, Police and Requirements listed in the RFP as explained below:

- ✓ As stated in section 3.2.1, our solution will be fully compliant with all applicable requirements and regulations set out by WVDOT, including the requirements specified in West Virginia Code §SA-6B.
- ✓ As stated in section 3.2.1, our solution will be fully compliant with all applicable requirements and regulations set out by WVDOT, including the requirements set out in the State of West Virginia Office of Technology Information Security Policy.

- ✓ As a standard practice and per information security and privacy best practices, Coplogic places great emphasis on securing Personally Identifiable Information ("PII"). We will work with WVDOT to ensure that the system incorporates appropriate functionality to secure PII and limit access to authorized users and that the system complies with all State of West Virginia policies and rules related to privacy. We anticipate that our corporate information security policies and procedures have a high degree of overlap with the State's IT standards. Coplogic will comply with Federal Tax Information ("FTI") guidance and regulations, and Social Security Online Verification ("SSOLV") security requirements to the extent relevant.

- ✓ Coplogic will adhere to all State RAMP compliance requirements. Coplogic is proposing to host the solution in AWS GovCloud which is designed specifically to host sensitive government data and is in compliance with West Virginia StateRAMP requirements.

- ✓ As stated in section 3.2.1, our solution will be fully compliant with all applicable requirements and regulations set out by WVDOT, including those specified in Attachment D.

- ✓ As indicated in Req. #AA66 of Attachment A, Coplogic will integrate the system with the State's Azure Activity Directory ("AD") to provide single sign-on ("SSO") ability as we have done so for many of our other statewide customers.

- ✓ Coplogic will support the creation of user IDs and passwords by the public for use with the public portal. We can provide password reset functionality as described in the RFP. We have included similar account management functionality as part of our work with other statewide customers.

- ✓ Coplogic can provide an option for citizens/customers to choose to have two factor authentication for access to the public portal.

- ✓ As mentioned in section 3.2.5, our platform provides efficient and flexible role-based security functionality that includes the ability to create and maintain user profiles and roles. As indicated in Req. #AA77 of Attachment A, access controls are configurable by designated State administrative users for all components of the system based on roles.

- ✓ As explained above and indicated in Req. #AA78 of Attachment A, Coplogic supports RBAC to secure access to data and functionality by business unit/section.

- ✓ Coplogic's platform supports granular management and administration over transactions, forms access, field updates, row locking, interfacing events, data queries and other types of authorizations using RBAC.

- ✓ Coplogic provides a security administrator function/role that allows for separate controls for view, add, change, inactivate update, approve, and query access privileges.

- ✓ Coplogic uses industry standard security safeguards, including encryption of data in transit and at rest to support secure communications authentication, authorization, confidentiality and data integrity. We have previously delivered statewide systems that use HTTPS/SSL for encryption in transit and NIST FIPS 140-2 or AES 256-bit encryption of data at rest.

- ✓ Coplogic's established technology framework supports RBAC for our robust workflow engine. These can be configured to meet WVDOT's specific needs for automated workflow components including establishing access and update privileges for workflow steps.

- ✓ Designated WVDOT system administrators will have the ability manage user profiles within the system as described in the RFP. At a minimum name, business unit/section, email address, date of initial access to the system and date access is terminated will be tracked.

- ✓ Designated WVDOT system administrators will have the ability to define user access groups as described in the RFP. Groups can be defined based on job responsibilities to ensure separation of duties.

- ✓ Designated WVDOT system administrators will have the ability to grant user groups access to each system function, establish the type of access to be allowed (add, change, inquire, retire, delete) and establish an effective start and end date for this access.

- ✓ Designated WVDOT system administrators will have the ability to assign users to one or more user groups, including an effective date and optional end date for inclusion in each user group.

- ✓ Coplogic's statewide solutions are designed such that items which a user does not have permission to access are not displayed in the user interface.

- ✓ Coplogic tracks all security violations which occur within our statewide systems. Logs are detailed and include user identification, system function for which unauthorized access was attempted, and date and time of security violation.

- ✓ Coplogic logs all failed login attempts and security violations, including invalid password attempts, that occur in the system for all users. Designated WVDOT users will have access to review these logs online.

- ✓ RBAC for users will apply across the entire system, limiting roles and privileges based on the user profile. This includes report and ad-hoc query results so that users cannot access data through reports and query information which they are not allowed to see in the online transaction system.

- ✓ As indicated in Req. #AA86, Coplogic's platform has configurable settings for user timeouts due to inactivity. Designated WVDOT system administrators can define the allowable period.

- ✓ Automatic timeouts due to inactivity can be configured by designated WVDOT system administrators for the system. Once the allowable period of inactivity has passed, users will be logged out.

- ✓ Coplogic will design the system such that users will be notified before they are logged off due to inactivity.

3.2.1.5 Compliance with the Driver's Privacy Protection Act

As part of the many statewide engagements described throughout this proposal, Coplogic has worked effectively with many statewide and individual law enforcement agencies to provide eCommerce web portals that enable the distribution and sale of crash reports in accordance with jurisdiction-specific statutes and regulations, as well as the Driver's Privacy Protect Act ("DPPA") federal statute.

For example, the Coplogic team has configured our eCommerce web portal with safeguards to ensure users agree to comply with federal DPPA laws. All users accessing data must acknowledge compliance before first gaining access to the web portal and must re-acknowledge every ninety days as demonstrated in Figure 4 below:

- ✓ Coplogic logs all failed login attempts and security violations, including invalid password attempts, that occur in the system for all users. Designated WVDOT users will have access to review these logs online.

- ✓ RBAC for users will apply across the entire system, limiting roles and privileges based on the user profile. This includes report and ad-hoc query results so that users cannot access data through reports and query information which they are not allowed to see in the online transaction system.

- ✓ As indicated in Req. #AA86, Coplogic's platform has configurable settings for user timeouts due to inactivity. Designated WVDOT system administrators can define the allowable period.

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For example, the Coplogic team has configured our eCommerce web portal with safeguards to ensure users agree to comply with federal DPPA laws. All users accessing data must acknowledge compliance before first gaining access to the web portal and must re-acknowledge every ninety days as demonstrated in Figure 4 below:

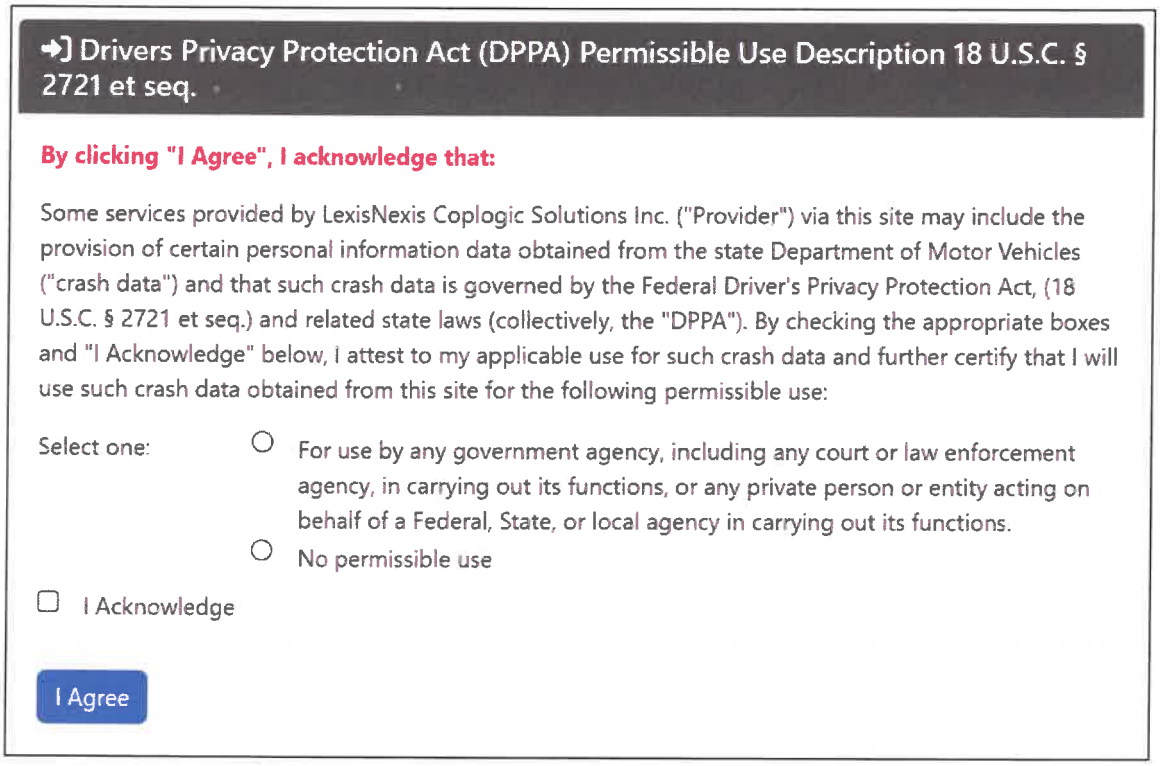

Figure 2: Example "Certify DPPA Permissible Use" Screen. *To comply with federal requirements mandating that crash report requestors submit a written "permissible use," the web portal for one of our statewide customers includes this screen.*

3.2.2 Reporting (RFP Section 4.2.2.8)

Coplogic's proposed crash reporting and eCitation solution includes comprehensive analytics and reporting functionality for authorized users. We routinely work with our statewide customers to design, create and ensure that reporting meets your requirements.

We offer easy-to-use tools (data visualization, dashboard tools, mapping, etc.) for advanced statistical analysis to support road traffic safety decisions. All of our solutions are designed with user-friendly user interfaces and security controls to limit data access appropriately.

The system for WVDOT will allow authorized users to design and modify report displays, add/remove parameters and filters and manage export formats, as well as the ability to transform an ad hoc query into a report. Our reporting and analytics capabilities include aggregate and drill-down functionality for all data collected in the system. Additional details on our analytics and reporting capabilities are included in our responses in Attachment A.

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3.2.3 High Performance (RFP Section 4.2.2.11)

Performance Item	Coplogic Response
Provide a solution that is architected to support up to 500 concurrent users for State and law enforcement agency functions and 200 concurrent users for public functions;	✓ Coplogic's experience which will be leveraged for WVDOT exceeds this requirement. We have implemented similar statewide solutions in states with considerable populations such as New Jersey, Georgia, Indiana, and Kentucky, among others. We are proposing a cloud-based solution that is engineered for high performance. Our systems have the flexibility and capacity to scale processes and servers up and down based on demand to ensure high performance. Our solution can easily accommodate your current user count and can scale with you if your user count grows over the course of the contract. For example, Coplogic has an active statewide solution which currently supports more than 10,000 users across hundreds of local agencies.
Provide a solution which is architected for the expected level of concurrent users to fully process a transaction within the application and database environments within one second of receipt of the transaction 75% of the time and all transactions within five seconds;	✓ Coplogic will architect the solution for the expected level of concurrent users to fully process a transaction within the application and database environments within one second of receipt of the transaction 75% of the time and all transactions within five seconds.
Provide a solution which is architected to support best practice load balancing approaches;	✓ Coplogic will provide load balancing and synchronization based on best practices. We will work with WVDOT, providing recommendations based on our experience to determine the approach.
Ensure that batch processing does not adversely impact on-line responsiveness or availability; and	✓ As explained in the comments of Req. #TA58 in Attachment A, Coplogic's systems are designed for high availability and scalability. Therefore, batch processing will not affect transaction performance.
Provide a solution designed to support access to data for pre-defined reports, ad-hoc queries, and business intelligence without	✓ As noted above, Coplogic's systems are designed for high availability and scalability. Querying and using reporting tools will not affect transaction performance. See section 3.2.1.5 for more information on the reporting and analytics functionality Coplogic can provide.

Performance Item	Coplogic Response
affecting online transaction performance.	

3.2.4 High Availability & Reliability (RFP Section 4.2.2.12)

Availability & Reliability Item	Coplogic Response
Provide for 99.9% uptime 24 hours a day, 7 days a week (other than for a defined maintenance window and other scheduled outages approved by the Agency). Downtime is defined as any time that any portion of the Vendor solution is unavailable for normal business operations, and when the Agency-approved workaround is not available. Downtime will start from the time the Agency first notifies the Vendor's designated representative or Vendor' s Help Desk of the imperative condition until it is returned to working order.	✓ Coplogic will design, configure, develop, implement and operate the solution to meet the State's requirements as specified in this RFP. We expect to exceed this mandatory requirement for 99.9% uptime, excluding scheduled maintenance. We aim for 100% system uptime in our design of critical public safety solutions.
Vendor must provide as part of its solution hosting for a backup data center which is geographically distant from its production data center;	✓ As discussed further in section 5, Coplogic will leverage geographically distributed data centers for backups through AWS GovCloud.
The backup and disaster recovery solution shall provide for data restoration services and for complete system recovery services in the event of a catastrophic failure. In the event of a catastrophic failure, Vendor must ensure system recovery and restart within no more than 24 hours;	✓ Coplogic acknowledges and will comply with these requirements. Building a disaster recovery platform and services in the cloud significantly reduces work effort. In the unlikely event the facilities across a region are down, and as the team uses Infrastructure as Code ("IoC") and DevOps best practices, a new virtual cloud in a different region with the same configurations can be stood up (build/deploy), database backups restored, certs and key management applied, and the system tested, validated and certified within a 24-hour timeframe.

Availability & Reliability Item	Coplogic Response
All servers used as part of the Vendor solution must be configured for automatic failover to minimize system downtime;	✓ As discussed in section 5, Coplogic will implement automatic failover of the master and replicated databases.
Monthly maintenance windows for servers will be established by mutual agreement between the Agency and the Vendor, and the Vendor must provide notification of their intent to utilize the maintenance window no less than one (1) week in advance;	✓ Coplogic recommends that scheduled maintenance windows are reserved during non-peak hours for our statewide engagements. Failovers are handled automatically to avoid customer impact when scheduled maintenance occurs. We can provide one week or more notice in advance.

3.2.5 Intuitive User Interface (RFP Section 4.2.2.13)

Coplogic's proposed solution will offer a consistent and intuitive user interface that complies with relevant usability standards. It will meet all architecture standards outlined in the RFP as explained below:

- ✓ Coplogic will design all public-facing application components to comply, as of the time of user acceptance testing, with the Rehabilitation Act of 1973 and Americans with Disabilities Act ("ADA") Section 508 standards for accessibility and achieve Web Content Accessibility Guidelines ("WCAG") 2.1 Level AA compliance. We understand that any public-facing components of the application must be certified as WCAG 2.1. Level AA compliant prior to the start of user acceptance testing. Coplogic has successfully developed several other statewide information solutions that comply with similar accessibility requirements.

- ✓ Coplogic strives to accommodate industry-leading assistive technology products such as screen readers such as Job Access with Speech ("JAWS") by various means. Examples include:

    - Providing language codes to web pages
    - Using semantic structure to provide regions to segment the pages for screen readers
    - Providing alt text to fields and graphics
    - Placing ARIA landmarks within pages
    - Occasionally positioning content intended for screen readers only off the visible screen but still accessible to screen readers
    - Hidden text to assist screen-readers, and

- Providing "skip links" to allow users to skip the main navigation and start with the main content of each page.

✓ Coplogic will provide user-controlled definition and maintenance of system values and business rules in tables without requiring programmer intervention to the extent possible. Our solutions are built to allow authorized users the ability to modify all list contents. Regarding program default values, our Coplogic team will consult with WVDOT to determine appropriate ways to fulfill this requirement that align with optimal performance and functionality. We will work with WVDOT to ensure that values map to the backend system for efficient and optimal system use.

✓ Coplogic will architect the solution such that field names are consistent across the entire system, as is our standard practice for statewide IT solutions.

✓ The system will display the most current element value. If data is updated on one screen in the system, the change will be reflected when the user moves to another screen with that element.

✓ Our rules and validation engine works in real-time for all system inputs. Warnings will be displayed to explain the validation issue to the user and the system can be set up so that users are unable to proceed if certain rules are not met. Coplogic will work with WVDOT to define business rules to meet your needs.

✓ As indicated in Req. #AA56 of Attachment A, our platform supports role-based access controls ("RBAC") to secure access to data and functionality based on department/business unit and role and responsibility.

✓ Coplogic will provide a centrally stored and maintained system wide help function. As a standard practice, Coplogic designs our statewide crash reporting solutions to be intuitive to end users. We also incorporate information and resources within our solutions that users can reference as needed for guidance. On other similar statewide projects, we have successfully implemented self-help functionality that enables users to quickly and intuitively obtain guidance and access system information. Please see the Application Architecture tab in Attachment A for more information.

✓ Coplogic incorporates information and resources within our solutions that users can reference as needed for guidance. This can include contextual in-application "help" text, definitions, and tips for all screen elements/fields, pop-up explanations and messages related to data errors with suggestions on resolutions. Please see section 9.1.1 for other examples.

- ✓ Coplogic will provide user documentation that is comprehensive, clear and easy to use as described in the RFP. It will contain clear and thorough descriptions of all screen and batch processing functions, screen data, programs, system reports, and any processing parameters. Our experience in implementing other statewide solutions has provided us with direct and valuable insight into the kind of user documentation that is most effective for this type of system, its authorized users, and support staff. Coplogic will work with WVDOT to create user documentation that meets your exact needs.

3.2.6 Document Management Capability (RFP Section 4.2.2.14)

As described further in the Application Architecture tab of Attachment A, Coplogic will provide document management functionality that meets your needs. This includes allowing documents to be stored in the solution and linked to records/transactions. Authorized users will be able to view documents within the system.

3.2.7 Audit Trail Functionality (RFP Section 4.2.2.15)

- ✓ Coplogic's statewide systems include robust audit functionality that tracks all activities in the system and by which user. This includes:
  - Logging user ID, action performed, and time/date stamp for any update via online, batch, web services or self-service functions.
  - Logging all user actions that update and access the database.
  - Providing a timestamp and user ID of the system user when the record was last changed or inserted.
  - Storing the program ID of a program that inserted, deleted or last changed the record, along with the old and new value of the data changed.
- ✓ Coplogic will design the system to support email notifications based on WVDOT business rules when certain auditable events occur. We have provided similar functionality as part of our work on other statewide solutions.
- ✓ As indicated earlier in this section, Coplogic's statewide systems include robust audit functionality that tracks all activities in the system. The system will maintain an audit trail of report execution, including report requested, user requesting report and time/date stamp.

- ✓ Coplogic will collaborate with WVDOT to define specific retention and archive features to ensure compliance with the State's record retention policies and any other applicable regulations/policies for audit trails.

3.3 Required Narrative Components (RFP Section 5.3.6.2.3)

3.3.1 Product Roadmap Summary

As discussed throughout this proposal, Coplogic is proposing a MOTS solution. As such, we don't have a product roadmap in the typical sense seeing as Coplogic designs each solution to our customers' exact requirements. The Coplogic team works collaboratively with all our statewide customers to identify opportunities for continuous program innovation and solution enhancements throughout the duration of the contract. Our PSG team stays abreast of the latest industry trends in security, functionality and technology, and Coplogic remains responsive to our customers' evolving needs.

3.3.2 Product Maintenance & Support Program

Provided there is an active maintenance and support agreement, Coplogic will continue to provide ongoing post-implementation maintenance, support, and system enhancements. Key project team resources will remain in place to serve WVDOT in this capacity. Generally, for a project of this size, the team will include your Functional Leads (part-time as needed) and 2 to 3 dedicated technical resources. This Coplogic team will work closely with WVDOT to support the newly implemented solution.

3.3.2.1 Maintenance

The Functional Leads (see section 7 for Coplogic's proposed organizational chart) will have the overall responsibility for Coplogic's relationship with the State. Their role will be to serve as the State's primary Coplogic point of contact, ensure that contract obligations continue to be met, and work collaboratively with WVDOT and other stakeholders to identify opportunities for continuous system enhancements and program innovation.

Coplogic typically maintains an electronic defect log that details all defects in the system and tracks them to closure. WVDOT will have access to the defect log to view information as needed. The issues will be presented by category. As examples, some categories may include user interface, server error, database error, data editing, and application bugs.)

Coplogic uses industry standard DevOps issue tracking products for bug tracking, issue tracking, and project management functions. These tools expose a number of reports and metrics that will allow WVDOT to monitor our progress and adjust priorities, reporting testing, and quality assurance ("QA") results.

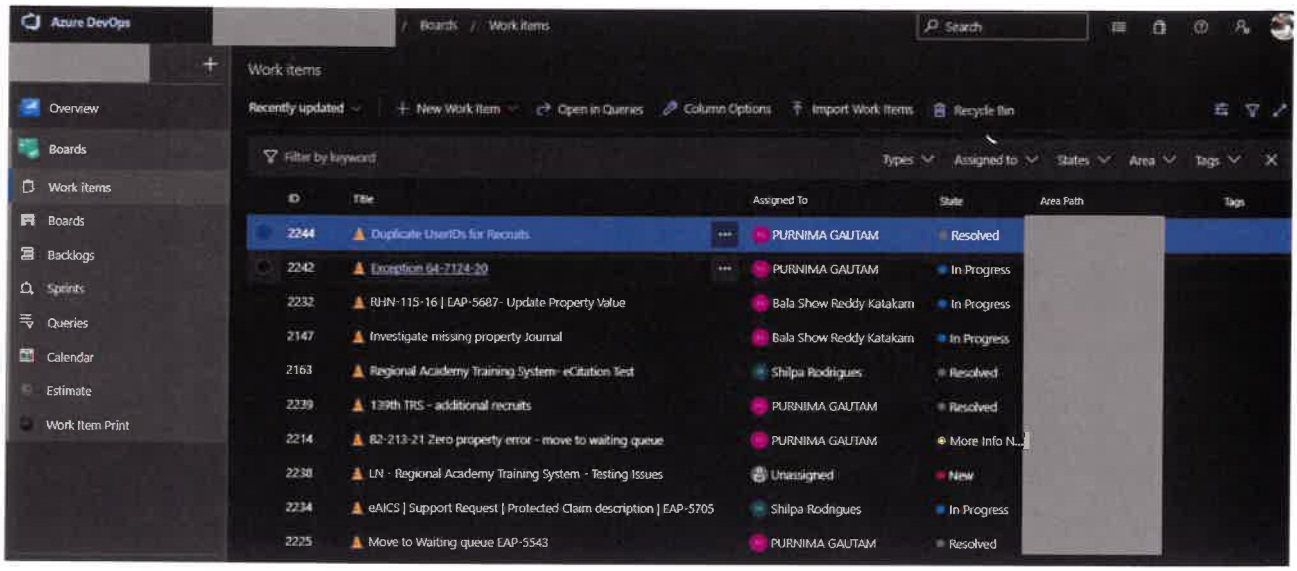

Figure 3: Sample DevOps Work Items. *As part of our statewide solutions, Coplogic uses industry standard DevOps issue tracking tools. They expose a number of reports and metrics, including the status of and information pertaining to customer requests.*

3.3.2.2 Support

Coplogic will comply with WVDOT's support model as expressed in the RFP. Details of Coplogic's support program are provided in section 6.2.4.2 of this proposal.

3.3.3 Integration Methods

Coplogic expertise in integrating and interfacing with external systems from our project work on multiple statewide IT solutions. In connection with these engagements, Coplogic has employed different kinds of methods for interfacing with external systems: sophisticated APIs for real-time data exchanges over RESTful web services, secure file transfers, and by directly accessing data sources. We bring expertise in interfacing with systems such as: law enforcement RMS, National Crime Information Center ("NCIC"); court case management systems ("CMS"), state message switches, state agency SOAP/RESTful APIs, and other external systems. In each case, we followed the client's specifications and industry best practices to safeguard system-to-system communications.

Our goal will be to work collaboratively with WVDOT to implement a solution and project approach that:

- Saves time by connecting and interfacing with disparate systems.
- Enriches data quality and timeliness.
- Improves traffic safety by making timely data analytics available.

3.3.3.1 Integration Requirements (RFP Section 4.2.2.7)

Coplogic will implement all system interfaces and integrations identified in Attachment C. In addition, our proposed solution will provide functionality that meets or exceeds the requirement for the five (5) additional medium complex interfaces specified in the RFP.

Coplogic will perform all the interface design, development, testing and implementation requirements listed in the RFP as explained below:

- ✓ Coplogic will prepare functional and technical design specifications to meet WVDOT's needs as described, including identifying interfaces as synchronous or asynchronous and real-time or batch based on the estimated transactions per day, the average transaction size, and the business criticality of the interface.
- ✓ Coplogic will prepare extract/transform mapping rules for data transformation. For all our statewide engagement, we take quality steps to ensure that data is being appropriately transformed and exchanged with external systems.
- ✓ Coplogic will design, code and unit test all load programs into or extracts from our solution components
- ✓ Coplogic will implement extract/transform mapping logic within our enterprise application integration ("EAI") toolset/environment.
- ✓ Coplogic will remediate any issues detected during testing for the system. Please see section 6.1.3 for more information on testing.
- ✓ Coplogic will support the State in transitioning to the new solution as requested in the RFP, including the provision of functional and technical details, as well as project management advisory support. We have successfully assisted many of our statewide customers in making similar transitions.
- ✓ Coplogic will coordinate/monitor/track WVDOT activities to ensure timely completion as part of our wider project management. Please see section 6 for more information.
- ✓ Coplogic will manage the cut-over and stabilization of the interface architecture in the production environment.

- ✓ Coplogic will provide production support for the overall interface architecture and all Coplogic-developed interfaces through the post-production support period.

- ✓ Coplogic acknowledges that WVDOT or other third parties under the direction of WVDOT will be responsible for the interface development tasks listed in the RFP including:

    - Preparing technical design specification for all loads into or extracts from WVDOT or partner systems.

    - Performing detail design, code and unit test all load programs into or extracts from WVDOT or partner system components.

    - Coordinating and serving as point of contact with any external partners in terms of ensuring the partner prepares the technical design specification and performs detail design, code and unit test of all load programs into or extracts from partner organization systems within the timelines in the approved project work plan.

    - Remediating any issues found during all test phases in software components developed by WVDOT, a partner agency or a third-party under WVDOT's coordination or direction.

    - Coordinating required remediation to address issues in software components developed by partners.

3.3.4 Product Updates

Patches, new releases and other updates are applied automatically on the back end by Coplogic based on mutually agreed upon schedules with our customers. These generally do not lead to any interruption for the user. Any upgrade that we expect to result in downtime would be communicated to WVDOT well in advance.

3.3.5 Additional Functionality

Having developed multiple other statewide crash and citation solutions, Coplogic has insight into the different functionality that is sought by state agencies. We are able to include additional pre-existing functionality to WVDOT that we believe could be useful and which has been integrated into other similar statewide projects:

- Auto-populating fields from legacy applications
- Voice to text narratives

- 'Smart narrative' (the system pre-populates the narrative description based on previously entered fields in the report to save officers time)
- Dating sharing between crash and citation reports
- FARS Integration and Automation
- SmartSafety Software (Trancite) Accident Diagramming Software (Easy Street Draw) will be integrated into the WVDOT solution
- Courtesy notices for citation (for citation courtesy notices, additional fees and time may be required, depending upon final negotiated specifications)

If any of these are of interest to the State, the Coplogic team would be glad to discuss these further.

3.3.6 Licensing Model

Coplogic proposes a proven technology framework for the WVDOT eCrash and eCitation solution. If selected, as part of the contract, WVDOT will receive a perpetual, non-exclusive license to use and modify the underlying pre-existing technology needed to support all contracted deliverables and services. Any configurations developed specifically for WVDOT under this contract will be considered Work Product and subsequently will be fully owned by WVDOT.

Scalability and Licensing Model

Our licensing model is specifically designed for statewide public safety applications and scalability. We will roll out the eCrash and eCitation solution statewide, and the solution can be made available to any government or law enforcement agency within the state, with no additional licensing fee cost when new agencies or end users are added. As with our other statewide applications, the proposed solution supports an unlimited number of users at no extra cost, enabling seamless and cost-efficient expansion across the state.

4. Response to Attachment A (RFP Section 5.3.6.2.4)

Due to the length, Coplogic's completed Attachment A can be found in Appendix VI – Attachment A.

5. Proposed Cloud Environment (RFP Section 5.3.6.2.5)

Coplogic is proposing to host the solution in AWS GovCloud. Our team is highly familiar with this cloud environment and are currently supporting multiple statewide solutions in AWS GovCloud. In accordance with Question #21 of Addendum 1, the State has the option to alternatively deploy the solution in a State-controlled public or private cloud environment (see section 5.5 for more information).

5.1 Disaster Recovery & Resiliency

Building a disaster recovery platform and services in the cloud significantly reduces work effort. The industry leading security and compliance practices of AWS and Coplogic ensure that sensitive information of content and data is handled appropriately. Our proposed backup methodology consists of the following:

- All data and backups will not leave CONUS.
- Implement cloud-based relational database services for real-time asynchronous replication of the database to a separate data center.
- Implement automatic failover of the master and replicated databases.
- Enable daily cross-region snapshots in a Multi-AZ configuration on the standby.
- Store transaction logs cross-region and synced every 5 minutes.
- Store backups and logs in encrypted content buckets (such as AWS S3) with a retention period of no less than 30 days.
- Validate backups by restoring and testing monthly.

5.2 RACI Model

Coplogic does not own or maintain hardware in AWS data centers. We operate under a shared security responsibility model. Per this model:

- AWS is responsible for the security of the underlying cloud infrastructure (i.e., physical infrastructure, geographical regions, availability zones, edge locations, components from the host operating system ("OS"), and virtualization layer and storage), and

- Coplogic is responsible for securing our application deployed in AWS (i.e., customer data, applications, identity access management, operating system and network virtual firewall configuration, network traffic, server-side encryption).

Table 1: Coplogic's RACI Matrix

Responsibility Area	AWS GovCloud (CSP)	Application Vendor	Customer / Agency
Physical & Environmental Security			
Data centers, power, HVAC, physical access	**R/A**	I	I
Core Infrastructure (Inherited Controls)			
Hardware, storage media, hypervisor	**R/A**	I	I
Region / AZ availability & resilience	**R/A**	I	I
Operating System & Platform			
Managed service OS (RDS, S3, etc.)	**R/A**	I	I
EC2 guest OS patching & hardening	C	**R/A**	I
Container base images (if used)	C	**R/A**	I
Network & Perimeter Security			
Physical network & backbone	**R/A**	I	I
VPC design, routing, segmentation	I	**R/A**	I
Security groups, NACLs, WAF config	I	**R/A**	I
DDoS protection configuration	C	**R/A**	I
Identity & Access Management			
Root account & GovCloud account boundary	**R/A**	C	I
IAM roles, policies, least privilege	C	**R/A**	I
Application authentication / authorization	I	**R/A**	C
Application & Data Security			
Application code & secure SDLC	I	**R/A**	I
Dependency & vulnerability management	I	**R/A**	I
Data classification & ownership	I	C	**R/A**
Encryption at rest & in transit	C	**R/A**	I
Logging, Monitoring & IR			
Infrastructure-level logging	**R**	C	I
Application & audit logging	I	**R/A**	I

Responsibility Area	AWS GovCloud (CSP)	Application Vendor	Customer / Agency
Incident detection & response	C	**R/A**	C
Compliance (FedRAMP / GovRAMP)			
Infrastructure authorization & control evidence	**R/A**	I	I
Product-level controls & SSP content	I	**R/A**	C
Continuous monitoring (shared controls)	**R (infra)**	**R (app)**	I

5.3 Cloud Architecture Design Plan

Coplogic's proposed cloud architecture design plan for the proposed crash reporting and eCitation solution is provided on the following page:

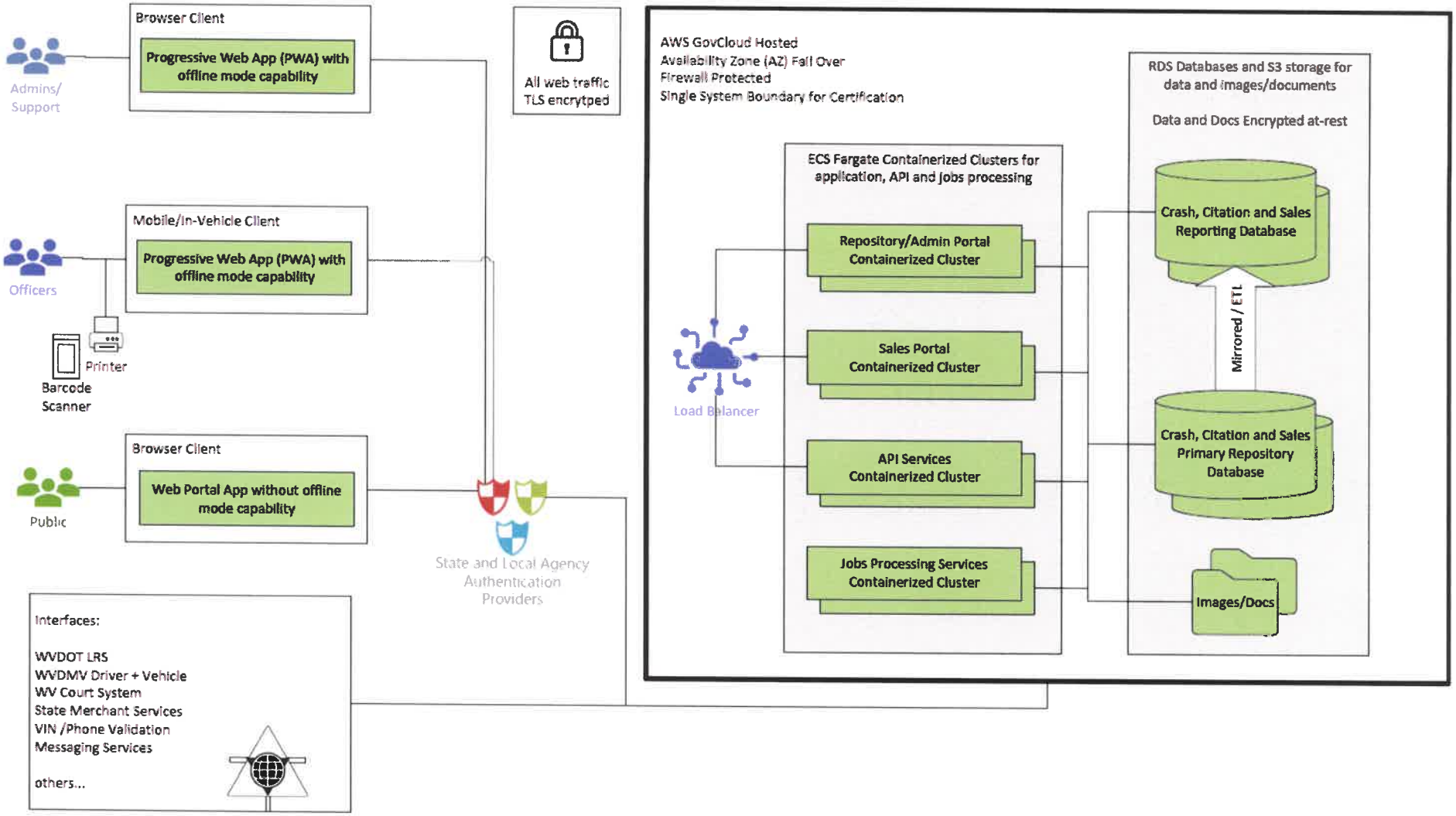

Figure 4: Proposed WVDOT Crash Reporting and eCitation Architecture Diagram.

5.4 Software Licensing

Not applicable. Please see section 3.3.6 for details on our licensing model.

5.5 State-Controlled Cloud Environment (Option)

Coplogic understands that the State may opt to host the solution in a State-controlled cloud if it is determined by the State to be in your best interest. Under this model, the solution is hosted in the State's preferred secure cloud environment, with Coplogic responsible for system design, configuration, support, and ongoing maintenance. Coplogic is highly familiar working with a range of CSPs.

6. Proposed Project Approach (RFP Section 5.3.6.2.6)

6.1 Project Timeline

Coplogic is proposing to meet the State's timeframe for the delivery of the pilot phase and statewide deployment of 24 months from NTP which will be following a fully executed contract and Delivery Order. Our target go-live date for each phase are shown below, assuming an estimated start date of July 2, 2026. Dates will be updated to reflect the actual start date once determined based on Notice to Proceed (NTP) which follows a full y executed contract and issuance of a Delivery Order.

- **Project Plans and Kick-Off Meeting (Target Delivery Date: March 15, 2027)** to include a Project Work Plan, Project Kick-Off Meeting, Project Management Plan with Resource Management Plan, Release Management Plan, Quality Management Plan, Knowledge Transfer Plan, Stakeholder Engagement Plan, Organizational Change Management ("OCM") Plan, Master Test Plan, Data Conversion-Migration Plan, Interface Plan, Training Plan, Production Support/Help Desk Support Plan, Go-Live Deployment Plan, Operational Level Agreements, Service Level Agreements, Post Go-Live Plan, Security Plan. This will also include design documents: System Detailed Design Document ("SDDD") and Requirements Traceability Matrix ("RTM").

- **Development (Target Delivery Date: December 27, 2027).** This includes configured software, unit tested interface programs, unit tested conversion programs, mock data conversion 1 and mock data conversion 2.

- **Testing (Target Delivery Date: January 28, 2028).** This includes the System Test Report, Integration Test Report, Security Test Report, Performance Test Report, User Acceptance Test ("UAT") Report, and Approved Configuration Software.

- **Production and Pilot Readiness Prep (Target Delivery Date: December 24, 2027).** This includes Training Materials, Training Course Pilot (pre-UAT), End-User Training, Enterprise Readiness Plan, Support/Materials per Approved Plan, and Cut-over to Production to Pilot.

- **Pilot (Target Delivery Date: February 7, 2028).** This includes preparation for the statewide rollout.

- **Statewide Rollout (Target Delivery Date: May 10, 2028)**

6.1.1 Project Schedule

Coplogic's detailed project schedule is provided on the following pages, to be discussed with WVDOT:

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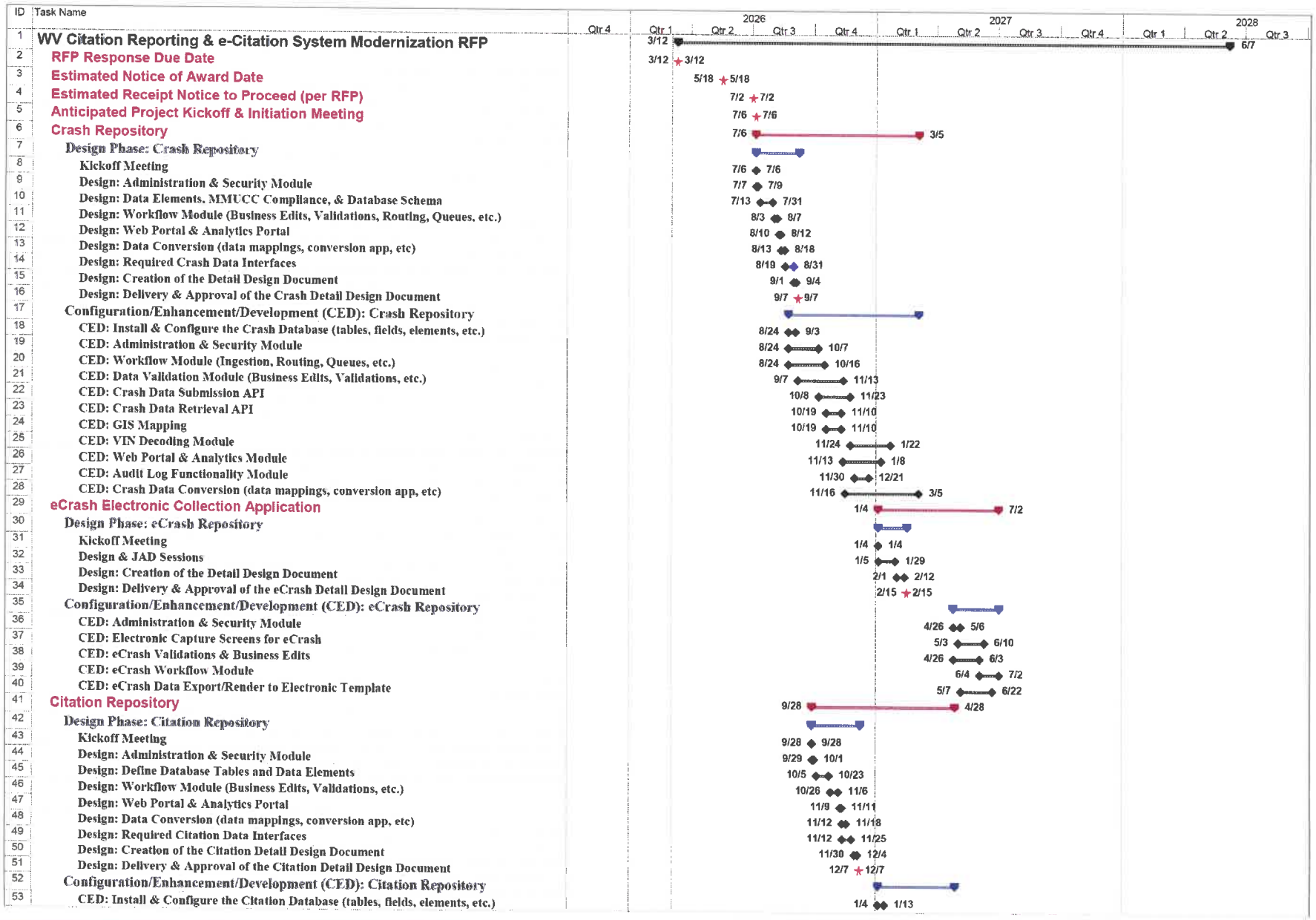

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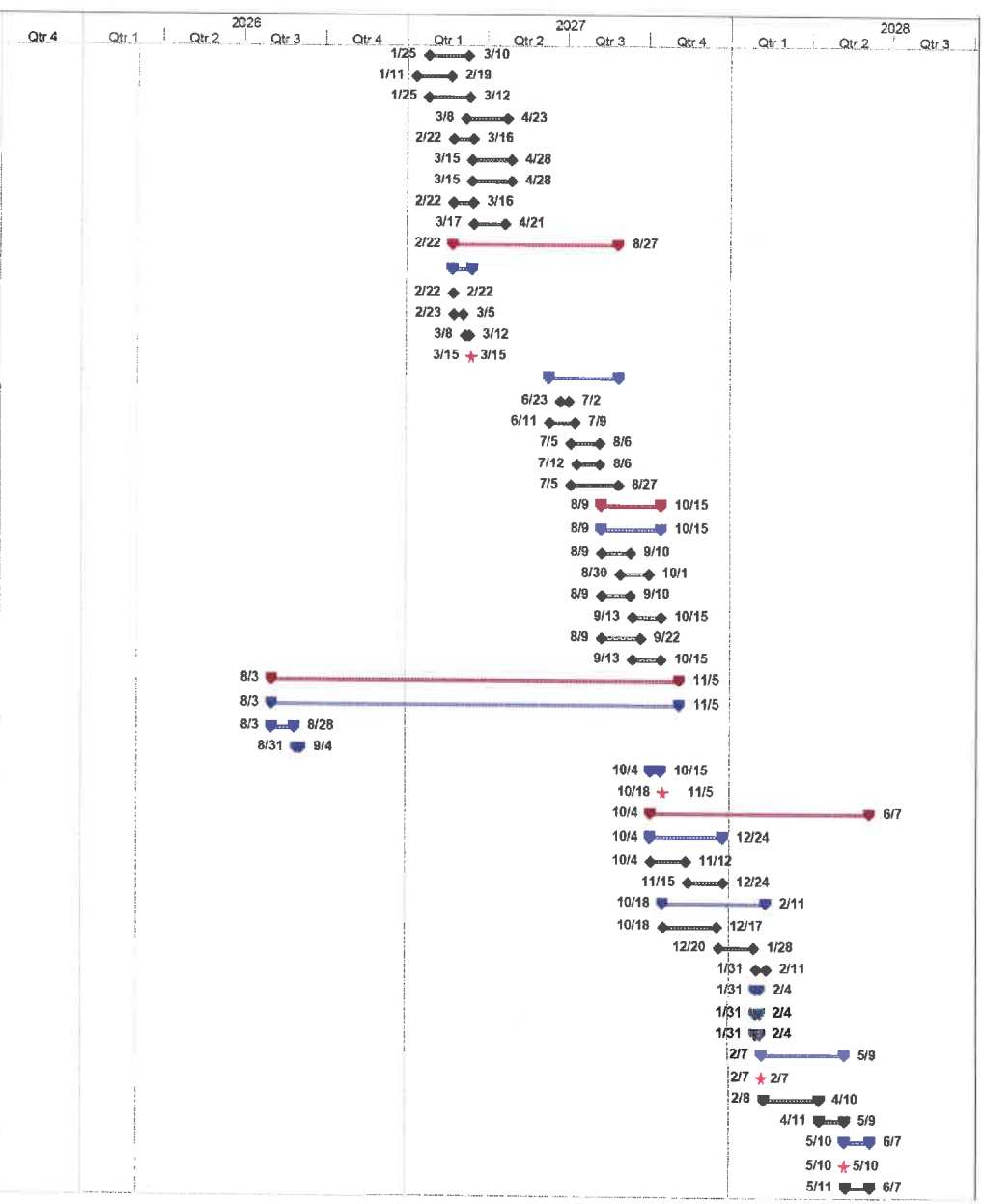
ID	Task Name
54	CED: Administration & Security Module
55	CED: Workflow Module (Ingestion, Routing, Queues, etc.)
56	CED: Data Validation Module (Business Edits, Validations, etc.)
57	CED: Citation Data Submission API
58	CED: Citation Data Retrieval API
59	CED: GIS Mapping
60	CED: Web Portal & Analytics Module
61	CED: Audit Log Functionality Module
62	CED: Citation Data Conversion (data mappings, conversion app, etc)
63	eCitation Electronic Collection Application
64	Design Phase: eCitation Repository
65	Kickoff Meeting
66	Design & JAD Sessions
67	Design: Creation of the Detail Design Document
68	Design: Delivery & Approval of the eCitation Detail Design Document
69	Configuration/Enhancement/Development (CED): eCitation Repository
70	CED: Administration & Security Module
71	CED: Electronic Capture Screens for eCitation
72	CED: eCitation Validations & Business Edits
73	CED: eCitation Workflow Module
74	CED: eCitation Data Export/Render to Electronic Template
75	Required Interfaces (Crash & Citation Interfaces)
76	Interfaces/Legacy Data Sharing
77	CED: Crash Data Interface #1 - NHTSA EDT Upload
78	CED: Crash Data Interface #2- FMCSA SafeSpect, etc.
79	CED: Crash Data Interface #3- WV DMV (DL, Registration)
80	CED: Crash Data Interface #4- WV DOT (LRS, Roadway Network)
81	CED: Citation Data Interface #1 - Courts (AOC)
82	CED: Citation Data Interface #2- Municipal Courts
83	Establish the Web Hosting Enviroment (Development, Test, Production)
84	Configure the Web Hosting Environments
85	Design, Configure, & Implement the Development & Testing Web Hosting environment
86	Activate the Test & Development SQL Database
87	Activate the Production SQL Database
88	Test Connectivity & Resolve Issues
89	Documentation, Training, Testing, Conversion, Go Live, & Support
90	Training
91	Creation of Training Materials
92	Facilitate Train-the-Trainer Courses (Users & System Admins)
93	Testing
94	System Integration Testing (Developers)
95	UAT Testing
96	Resolve UAT Testing Items
97	Conversion
98	Initiate, Manage, and Mitigate Issues, if necessary for the Crash Conversion
99	Initiate, Manage, and Mitigate Issues, if necessary for the Citation Conversion
100	Go Live & Support: Pilot
101	Go Live Date
102	Pilot Support
103	Pilot Stabilization Phase
104	Go Live & Support: Statewide Rollout
105	Go Live Date
106	30 Days Warranty Support



6.1.2 Integration Activities (RFP Section 4.2.2.4)

Coplogic will perform all the integration activities listed in the RFP as explained below:

- ✓ As further described in section 8.1.1, Coplogic is proposing an Agile project management approach using sprints. Coplogic monitors specific project results to determine if they comply with relevant quality standards. Our testing methodology identifies ways to eliminate causes of unsatisfactory performance. This methodology includes objectives and approaches that ensure traceability to requirements. They will ensure that components of the solution function in accordance with the appropriate requirements and design specifications. Additional details on our testing is provided throughout this section.

- ✓ Coplogic will develop a Training Plan to WVDOT's specifications. Please see section 9 for additional details on Coplogic's training offerings.

- ✓ Coplogic is proposing to install our solution in a Coplogic-provided and managed technical environment. We will support several environments as required during development and implementation to allow for concurrent activities and a controlled migration to production. Our technical environment supports system design, configuration, development, all phases of testing, data migration, end-user training, production patching and quality assurance, and production operations. We understand that the State may elect to implement the production landscape for the system in State-controlled/managed cloud environment if this option is determined to be more cost-effective for the State. However, even in this instance, to ensure no impact to the project schedule, all testing up to user acceptance testing will take place in the Coplogic-provided and managed environment. We have experience leveraging and managing industry-leading cloud service providers including AWS and Microsoft Azure, as well as on-premise hosted solutions by our state customers.

- ✓ As further described in section 6.1, Coplogic will work with WVDOT's Project Team to document the final functional requirements for the application. We will maintain an RTM as described.
- ✓ Coplogic is proposing a MOTS solution that is designed and built to your exact specifications. As explained above, we will work with WVDOT during the project design phase to create a complete RTM to ensure the final solution meets your business requirements without any gaps.

- ✓ Coplogic will complete analysis and document process flow for system functionality.

- ✓ Coplogic's MOTS solution will be designed and built to meet the exact specifications outlined in the RTM.

- ✓ Coplogic will facilitate and support business process re-engineering of State business processes where appropriate to take advantage of the capabilities of our proposed solution.

- ✓ The Coplogic PSG team brings expertise in supporting statewide agencies in transitioning to new IT solutions. We can provide product expertise and advisory support to WVDOT and other stakeholders as needed.

- ✓ Coplogic will provide WVDOT with all required management plans listed in the RFP for review and approval, including a stakeholder engagement plan, knowledge transfer plan, data conversion plan, interface plan, test plan including a regression test plan for changes based on the pilot phase any other post Go-Live enhancements, training plan, and go-Live deployment plan.

- ✓ Coplogic will prepare a security plan to submit to the State for review and approval within 60 days of NTP. The security plan will detail the policies, procedures, system capabilities, work steps and other actions to be implemented to meet the security requirements in section 4.2.2.12 of the RFP and will cover the items listed in the RFP for this requirement, as well as the Data Security Addendum.

- ✓ Coplogic will provide WVDOT with an SDDD for approval as described in the RFP and as further explained in section 6.1 of this proposal.

- ✓ Coplogic will work with the State to ensure the solution meets your usability/accessibility requirements. Having implemented multiple statewide crash and citation solutions, we understand how to design a system that is accessible and very user-friendly. The Coplogic team also has many resources who are former law enforcement officers that can provide feedback from a usability standpoint. Please see section 3.2.5 for more information.

- ✓ Coplogic will prepare functional and technical design documentation as described in the RFP.

- ✓ Coplogic will perform unit and system tests to ensure that the solution meets WVDOT's requirements. Please see section 6.1.3 for more information on testing.

- ✓ Coplogic will facilitate agency testing of system functions as described in the RFP, including the sharing of test scenarios and scripts tailored to the WVDOT design.

- ✓ Coplogic performs system testing and will make corrections as described in the RFP as needed.

- ✓ Integration tests are performed by the Coplogic solution development team as described in the RFP to ensure that they work together as designed. Please see section 6.1.3 for more information on testing.

- ✓ Coplogic will work with WVDOT to develop a UAT plan that meets your requirements. Please see section 6.1.3 for more information on testing.

- ✓ Coplogic will perform security tests, performance testing and regression tests to verify that changes to a system do not cause unintended side effects and provide an easy verification of system functionality. Please see section 6.1.3 for more information on testing.

- ✓ Coplogic will develop a comprehensive Data Migration Plan in collaboration with WVDOT that meets your requirements as stated in the RFP. Our standard process includes following a conversion schedule, data conversion specifications, and data conversion plan. Please see section 6.1.4 for more information.

- ✓ Coplogic will prepare and execute regression tests to verify that changes to a system do not cause unintended side effects and provide an easy verification of system functionality for post pilot and any post go-live updates. Please see section 6.1.3 for more information.

- ✓ Coplogic will develop and execute an implementation plan that covers the cut-over to production and contingency plans as described in the RFP. Coplogic has successfully cut-over multiple statewide crash and citation solutions to production so we understand the level of readiness and support needed.

- ✓ Coplogic will provide the training materials and system procedure manuals described in the RFP. Having delivered statewide crash and citation solutions to multiple other states, we are familiar with the types of training materials which are most help to agencies.

- ✓ Coplogic can work with the State to develop training videos that meet your needs. Please see section 9.1 for more information.

- ✓ Coplogic will deliver a pilot of end-user training to prepare your trainers and user acceptance testers as described in the RFP.

- ✓ Coplogic will work with the State to deliver a train-the-trainer program that meets your needs, as is standard for our statewide engagements.

- ✓ Coplogic will work with WVDOT to develop and deliver a training program for the pilot and phased deployment as described in the RFP. We will manage the training environment for the duration of training and for at least 90 days post Go-Live, including required refreshes of the training database. Coplogic brings expertise in developing training programs for statewide IT system having delivered multiple other similar solutions to state agencies.

- ✓ Coplogic will perform data migration in accordance with WVDOT's stated needs. Please see section 6.1.4 for specific information on the data migration activities Coplogic will perform.

- ✓ Coplogic will migrate the system to production for the pilot and statewide deployment in accordance with WVDOT's Go-Live criteria as described in the RFP.

- ✓ The Coplogic project team will provide heightened support during the pilot phase and statewide deployment, as well as for at least 90 days following as described. As explained further in section 3.3.2, following Final System Acceptance, Coplogic will continue to provide ongoing maintenance, support, and system enhancements. Key project team resources will remain in place to serve WVDOT in this capacity.

- ✓ Coplogic will perform knowledge transfer to all stakeholders throughout the project to ensure the State sees maximum benefit from our solution. See section 9 for details on Coplogic's proposed Knowledge Transfer plan.

- ✓ Coplogic team members will be available to go on-site to State or local agency facilities located throughout West Virginia when given reasonable notification. Coplogic intends to carry out the majority of the project work remotely from our headquarters in Alpharetta, Georgia, regional office in Martinsville, Indiana and various home-based locations throughout the country. In our experience working on other large public safety projects, this approach meets the needs of our customers.

- ✓ Coplogic will provide 10 business days for State review of deliverables/products as described in the RFP.

6.1.3 Testing (RFP Section 4.2.2.6)

As part of Coplogic's statewide solution testing process, we typically complete the following tests at the end of each release cycle:

- **Unit Testing:** Unit tests are performed by the developer to ensure reliable performance of functions, procedures, and routines before making the solution available.
- **Integration Testing:** Integration tests are performed by the solution development team with all its integrated components to ensure that they work together as designed and that the various subsystems communicate properly internally and externally with the State's technical environment.
- **System Testing (including load testing):** Test the entire system to ensure that the solution meets the design specifications. Specific components of the system test include: load testing, stress testing, volume testing, interface testing, and security testing.
- **Regression Testing:** Regression tests verify that changes to a system do not cause unintended side effects and provide an easy verification of system functionality. Regression test suites are used regularly during the development and updating of the system.
- **User Acceptance Testing:** Coplogic will work with WVDOT to develop a user acceptance test plan. The successful completion of this phase indicates that the system is ready for pilot testing. We envision regular meetings with WVDOT regarding UAT to ensure that system features meet your expectations. Our goal will be to capture and incorporate feedback early in the process. We also propose assembling a Final UAT team consisting of all appropriate stakeholders.

Please note that we see quality as something that must be built into the software development process – not tested after the fact. Accordingly, we have assigned a Quality Assurance Lead to the project team (see section 7 for more information). On other similar statewide engagements, Coplogic has worked closely with our statewide customers to execute a series of defined steps using predefined data to determine whether the actual outcome consistently, repeatedly, and accurately equals the expected result. We recognize that UAT, for example, is a deliberate process that requires preparation of test scenarios, test cases, test data, and expected outcomes, known in advance of test execution. More information on our approach to QA can be found in section 8.1.3.

Coplogic will perform all required testing activities listed in the RFP as explained below:

- ✓ Coplogic will develop a master test plan and complete tests as described in the RFP. Our testing methodology identifies ways to eliminate causes of unsatisfactory performance. This methodology includes objectives and approaches that ensure traceability to requirements. They will ensure that components of the solution function in accordance with WVDOT's requirements and design specifications.
- ✓ Coplogic will provide formalized test plans including testing milestones for the specified phases, each of which will have an associated WVDOT acceptance/signoff. We will coordinate closely with

WVDOT to develop, plan, and execute each of the test phases listed at the beginning of this section, including unit, integration, system, regression and UAT testing. Coplogic will perform all tests in accordance with the project scheduled and approved plans. We understand that approval of any aspect of testing by the State will not relieve us of our responsibility to meet all requirements of this Scope of Work

- ✓ Coplogic will conduct comprehensive internal testing as described in the RFP to ensure the solution meets the required functionality and there are no defects. We will provide regular testing progress updates during project status meetings.
- ✓ Coplogic will submit test results following each formal test for WVDOT's review and approval as described in the RFP. We understand that we will be responsible for completing all correction actions identified.
- ✓ Coplogic will demonstrate to WVDOT that the system meets all functional, technical, operational and performance requirements by performing formal actions and tests as described in the RFP.
- ✓ Coplogic testing process will include all phases/stages listed in the RFP. This includes Master Test Planning and Preparation, Unit Testing, Initial User Testing or Sprint Testing, System Testing, Integration Testing, Security Testing, Performance Testing and User Acceptance Testing. The test phases outlined here have significant overlap with Coplogic's typical statewide testing process detailed at the beginning of this section.
- ✓ Coplogic will maintain a comprehensive test log for all test phases as described in the RFP.
- ✓ Coplogic will work with WVDOT to prepare test data as part of the testing process that meets your needs. The test data will be sufficient to support the full range of approved test procedures and fully demonstrate the compliance with the RFP requirements. The test data will encompass various data sets to support the range of test cases.
- ✓ Coplogic understands that we will be responsible for any costs resulting from defects (failure of Coplogic or our services to perform in accordance with the requirements of this RFP).
- ✓ If a defect (failure of Coplogic or our services to perform in accordance with the requirements of this RFP) is discovered, Coplogic will report the nature of the defect in detail as required. We understand that defects are prioritized at the sole discretion of WVDOT and we will utilize the State's defined Severity Levels:
    - **Severity Level 1: Critical.** Defects that materially impact WVDOT's daily operations. For Priority 1 defects, the issue should be rectified before testing continues. This represents a showstopper incident which prevents WVDOT from performing business operations. There

is no work-around or the work-around is extremely complex and/or cannot be made in a timely fashion.

- **Severity Level 2: High.** Defects that impede but not stop operations. For Priority 2 defects, the issue should be rectified before testing continues. This represents a material impact to WVDOT business operations. However, there is a work-around allowing business operations to proceed in the interim.
- **Severity Level 3: Low/Minor.** Defects that are low priority or administrative in nature. For Priority 3 defects, the testing can continue. This represents a minor problem causing the system not to work per approved design but having a limited immediate impact on WVDOT business operations.
- **Enhancement.** Incident resolution is determined to be an enhancement to the solution. Enhancements will be prioritized by WVDOT Change Control Board and scheduled/worked on if approved by the WVDOT Change Control Board from reserve for enhancement services.

✓ Coplogic will maintain a detailed defect log and tracking system as described in this RFP. We have an established Defect Management Process that will afford WVDOT visibility into reported defects, status updates, and their ultimate resolution. A component of this process is our usage of industry standard DevOps products to maintain an electronic defect log. We understand that once we have rectified any identified defects, WVDOT will determine which portion or portions of the test(s) shall be re-run.

6.1.4 Data Migration (RFP Section 4.2.2.9)

Coplogic will perform all data migration activities listed in the RFP as explained below:

✓ Working with WVDOT, Coplogic will develop a comprehensive Data Migration Plan that meets your requirements as listed in the RFP. Our standard process includes following a conversion schedule, data conversion specifications, and data conversion plan. We typically recommend that the development, implementation, and execution of the migration take place concurrently with the review, development, and implementation of other components of the solution.

✓ Coplogic will collaborate with WVDOT to fully plan out and track execution of all aspects of the plan for each phase of the project. We will leverage and share with WVDOT data migration/data conversion best practices we have learned having deployed multiple similar statewide solutions.

✓ Coplogic will lead interactive data migration strategy and assessment sessions to develop a comprehensive Data Migration Plan for crash reports and e-Citations. We will provide a detailed

Data Migration Plan that includes discovery and profiling of legacy system data, data cleansing rules, data transformation rules, de-duplication logic, reconciliation procedures, test migration runs, validation scripts, and a rollback strategy.

- ✓ As indicated through this section, Coplogic will work with WVDOT to develop a Data Migration Plan that meets your exact requirements as detailed in the RFP. Coplogic has experience with projects that entailed migrating millions of legacy records to a new system. Most of our statewide engagements for public safety solutions have entailed some sort of legacy data conversion or another. As an example that illustrates the intended level of detail that will be provided, a Table of Contents from a Data Migration Plan is shown below:
  - Process and Documentation
  - Import and Translations
  - Testing
  - Agency Review
  - Post Import Comparison
  - Schedule
- ✓ Coplogic acknowledges that we have joint responsibility for the conversion of required data into the format agreed to by WVDOT as part of the Data Migration Plan as explained in the RFP.
- ✓ Coplogic understands that our team will lead the data conversion/loading effort. WVDOT will be responsible for verifying the accuracy of the converted/loaded data as well as be responsible for subject matter knowledge of existing systems and associated data. If correction or cleansing of any of the WVDOT-provided data is identified and agreed to in the Data Migration Plan, those tasks are the responsibility of WVDOT, although Coplogic will provide direction and guidance if needed.
- ✓ Through our statewide programs and consulting engagements, Coplogic understands how to architect, deliver, and update sophisticated statewide IT systems to comply with the latest MMUCC standards. Coplogic has extensive experience assisting states in defining MMUCC-compliant data elements and updating forms. We provide automated validation, mapping tools and integration support to maintain data integrity. Our approach minimizes disruptions and facilitates a smooth migration to the latest MMUCC standards while meeting the State's technical and operational requirements.
- ✓ Coplogic understands our responsibilities in terms of developing conversion programs, testing the data conversion processes and managing the data conversion process shall include at a minimum developing and testing automated conversion programs to support the commencement of test and production operations, including:
  - Working with WVDOT to map the conversion by field, define the conversion logic, and design the conversion processes

- Identifying where multiple systems contain a common field that is to be converted, and the fields do not completely match. WVDOT will be responsible for identifying the system of record for collecting the correct value

- Performing unit and integration testing of the conversion programs

Coplogic will also execute programs to convert legacy data into the new environment, including:

- Building any crosswalk file structures and conversion metrics/reports as required to assist WVDOT in validating test scenarios and conducting acceptance testing

- Planning, managing and executing a minimum of two full mock data conversions and identify and implement corrective actions as required based on the outcomes and defects detected during these mock conversions

- Establishing conversion dependencies (e.g., data load order) and timing (execution times) to assist WVDOT in scheduling and orchestrating the overall data conversion effort(s) as required

- Executing conversion programs and assist WVDOT, inclusive of verification of the converted data in the production environment

- Advising and supporting WVDOT regarding its responsibility to load all data that cannot load using automated conversion programs as agreed to in the data conversion plan

- Supporting WVDOT in certifying the accuracy of the test and production databases, and in validating all converted data.

6.2 Service Levels (RFP Section 4.2.2.16)

Service Item	Coplogic Response
The Vendor shall operate, maintain, and support its proposed Vendor solution during deployment, post Go-Live support, and following System Acceptance for each phase for the duration of the Contract.	✓ Coplogic will support the solution during each phase for the duration of the contract as described.
The Vendor solution shall be hosted in a Vendor managed environment unless the State elects the option to have the solution hosted in a state-owned public or private cloud environment. Vendor(s) must	✓ While Coplogic recommends a state-controlled cloud infrastructure, in accordance with this requirement we have also provided a proposal for a vendor-hosted

Service Item	Coplogic Response
present as part of their technical proposal a RACI model, proposed cloud architecture design plan, and a software licensing list. Vendor shall provide in their cost proposal the projected total cost of ownership (yearly) for both the solution and cloud infrastructure, including consideration for network inbound and outbound traffic.	approach if determined by the State to be in your best interest. Please see section 5 for more information, including details of our recommendation, RACI model, proposed cloud architecture design plan and software licensing list.
Vendors are encouraged to propose a comprehensive solution that includes both the application and the supporting cloud infrastructure. The State will consider proposals that demonstrate scalability, cost efficiency, and alignment with cloud best practices.	✓ Coplogic has proposed a comprehensive solution that includes the application and supporting cloud infrastructure. Coplogic has demonstrated the scalability of our solution and our alignment with cloud best practices throughout this proposal. Cost details are provided separately as instructed.
The State reserves the right to evaluate the cost and feasibility of each proposed option.	✓ Coplogic has provided cost details for each proposed option in our separately provided cost proposal to aid the State in evaluating each option.
For purposes of this section, Vendor solution shall be defined as including all required software including off-the-shelf and custom software elements and the hardware, software and ancillary equipment required to support the hosted environment.	✓ Coplogic understands and acknowledges this definition for the purposes of this section.
The Vendor shall provide application managed services during post Go-Live support and following System Acceptance for each phase for the duration of the Contract. Application managed services will be provided by the Vendor at a minimum for the first year after implementation of each phase. Application managed services for additional years beyond the first year are an Agency option. If the Agency elects to take responsibility for application managed services after the first year of production or any subsequent year thereafter, the Vendor shall prepare and implement a knowledge transfer and technical training plan to	✓ Coplogic will provide application managed services during post Go-Live support and following System Acceptance for each phase for the duration of the contract. As indicated in section 3.3.2, Coplogic will continue to provide ongoing post-implementation maintenance, support, and system enhancements as long as there is an active maintenance and support agreement. Should the State eventually decide to take responsibility for application management, Coplogic will support and be fully

Service Item	Coplogic Response
provide the appropriate level of technical training and knowledge to allow WVDOT IT staff to assume responsibility for application support.	cooperative in knowledge transfer and training of your IT staff.
Application managed services shall include services required to support the maintenance and operation of the application environment including but not limited to correction of any defects in the Vendor solution identified by WVDOT, applying software patches to the Vendor solution, and planning and executing required regression testing, etc. The Vendor shall also include within their application managed services support a reserve of up to 500 hours per year for enhancement services such as making changes to software configurations, designing and developing requested reports and designing, developing and testing approved changes to the software configuration or approved enhancements. Utilization of the reserve will be prioritized and approved by the WVDMV Change Control Board. In the event additional enhancement service hours are required beyond the 500 hours per year provided in the Vendor's based application managed services, the required services will be negotiated as a contract change using the Vendor' s change order rates as provided in their cost proposal as the basis for negotiating the contract modification.	✓ Coplogic's application managed services will include all services required to support the maintenance and operation of the application environment as described. Coplogic uses industry standard DevOps issue tracking products for bug tracking, issue tracking, and project management functions (see section 3.3.2.1 for more information). Included in Coplogic's application managed services support is a reserve of up to 500 hours per year for enhancement services as described.
The responsibilities of the Vendor and WVDOT beginning with the deployment of Phase 1 into production status and throughout the post-production support and managed services phase are outlined below. These requirements also apply during pre-production project deployment activities where applicable (for example, for the hosted development and testing environment provided by the Vendor).	✓ Coplogic will comply with WVDOT's support model as described in the RFP.

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6.2.1 Vendor Hosted Environment & Managed Services Responsibilities

Responsibility	Coplogic Response
Manage and operate all aspects of the hosted technical environment (unless the Agency chooses to host the production landscape in State owned Cloud hosting services);	✓ Coplogic will comply with this requirement. We bring expertise in hosting technical environments for other statewide public safety solutions.
Manage and perform required support for the non-production, production and disaster recovery landscapes;	✓ Coplogic will manage and perform required support for the non-production, production and disaster recovery landscapes. If the State chooses the option for a state-hosted solution, it is routine for Coplogic to coordinate with our customers to develop disaster recovery and back up plans.
Manage and perform application support;	✓ Coplogic will manage and perform application support.
Assist WVDOT to staff the Tier 1 help desk by providing sufficient staff experienced with the proposed Vendor solution to provide coverage between 7:00 a.m. - 5:00 p.m. Monday - Friday Eastern Time and 7:00 a.m. - 2:00 p.m. Eastern Time on Saturday for the first 60 days of production operations for each phase;	✓ Coplogic will comply with WVDOT's support model. See section 6.2.4.2.
Manage and perform Tier 2 and Tier 3 support for the Vendor-provided application software components;	✓ Coplogic will comply with WVDOT's support model (see above for more detail).
Operate a Tier 2/Tier 3 help desk for the entire term of the Contract with a toll-free help desk telephone number and email address to contact the Vendor for technical support.	✓ Coplogic will comply with WVDOT's support model (see above for more detail).
Escalate Vendor solution issues to the appropriate Tier 4 organization when required, and manage/monitor this escalation and resolution process	✓ Coplogic will comply with WVDOT's support model and requirements.
Manage relationships with any third-party software providers, hardware providers, and Cloud hosting services which are part of the Vendor' s solution;	✓ Coplogic will comply with WVDOT's support model and requirements.

Responsibility	Coplogic Response
Apply patches to the hosted environment and Vendor-provided solution within 30 days of release by Vendor's production support organization or another software provider;	✓ Coplogic will comply with WVDOT's support model and requirements.
Apply product upgrades (versions/releases) upon approval of WVDOT (work performed based on WVDOT approval from enhancement services hours);	✓ Coplogic will comply with WVDOT's support model and requirements.
Make changes to the Vendor solution as required to address identified system defects;	✓ Coplogic will comply with WVDOT's support model and requirements.
Make changes to the Vendor solution to address configuration changes approved by WVDOT Change Control Board (work performed based on WVDOT approval from enhancement services hours);	✓ Coplogic will comply with WVDOT's support model and requirements.
Ensure all changes (including but not limited to patches, upgrades, fixes, configuration changes, etc.) are made in full compliance with State of West Virginia OT production change control processes and in full observance of Agency and OT change windows and blackout periods;	✓ Coplogic will comply with WVDOT's support model and requirements.
Design, code, and unit test modifications to FRICEW objects developed by the Vendor to address identified defects;	✓ Coplogic will comply with WVDOT's support model and requirements.
Design, code, and unit test enhancements approved by WVDOT (work performed based on WVDOT approval from enhancement services hours);	✓ Coplogic will comply with WVDOT's support model and requirements.
Plan, manage, and perform integration testing, system testing, and regression testing using automated scripts to the extent possible of any system changes;	✓ Coplogic will comply with WVDOT's support model and requirements.
Support WVDOT planning and execution of any required user acceptance testing;	✓ Coplogic will comply with WVDOT's support model and requirements.
Create or update user documentation, technical documentation, and training materials to reflect system changes as needed;	✓ Coplogic will comply with WVDOT's support model and requirements.
Provide advisory support on any user training impacts; and	✓ Coplogic will comply with WVDOT's support model and requirements.

Responsibility	Coplogic Response
Manage system configurations to ensure any bug fixes applied to the production environment are deployed to all active development and test environments.	✓ Coplogic will comply with WVDOT's support model and requirements.

6.2.2 WVDOT Production Operations Responsibilities

Coplogic acknowledges and accepts WVDOT's production operations responsibilities as listed in the RFP.

6.2.3 Classification of System Incidents

Coplogic acknowledges and accepts the State's process for identifying, documenting and managing incidents as described in the RFP. Coplogic also acknowledges and accepts to the severity definitions outlined in 'Table 1 – Classification of System Incidents by Severity Level' of the RFP as explained further in section 6.2.4.

6.2.4 Proposed Service Level Agreement

Severity	Description	Timeframes for Initiating Work and Resolving the Incident	SLA Credit*
Severity Level 1 – Critical	Showstopper incident which is preventing WVDOT from performing business operations. There is no work-around or the work-around is extremely complex and/or cannot be made in a timely fashion.	**Acknowledgement and Problem Diagnostics** Coplogic will acknowledge the incident and begin problem diagnostics on the incident within 30 minutes of the incident being reported to Coplogic via the process described in the Classification of System Incidents section of the RFP.	If Coplogic fails to acknowledge an issue or initiate problem resolution within the required timelines, Coplogic will issue WVDOT a credit of $1,000 for each hour or part thereof it fails to meet the acknowledgement or problem diagnostics timeline for Severity 1 or Severity 2 priority issues.
		Issue Resolution Coplogic will resolve 100% of all Severity Level 1 – Critical priority incidents within 24 hours of incident identification by either	If Coplogic fails to implement a bug fix or a work-around acceptable to WVDOT (if a work-around is an acceptable solution to the problem based on the issue severity) within the

Severity	Description	Timeframes for Initiating Work and Resolving the Incident	SLA Credit*
		resolving the incident or implementing a work-around which allows the incident to be re-classified as a Severity Level 2 – High priority incident.	required timelines, Coplogic will issue WVDOT a credit of $5,000 for each hour or part thereof if it fails to meet the issue resolution timeline for a Severity Level 1 priority issue.
Severity Level 2 – High	Material impact to WVDOT business operations. However, there is a work-around allowing business operations to proceed in the interim.	**Acknowledgement and Problem Diagnostics** Coplogic will acknowledge the incident within 30 minutes and begin problem diagnostics on the incident within three (3) hours of the incident being reported to Coplogic via the process described in the Classification of System Incidents section of the RFP.	If Coplogic fails to acknowledge an issue or initiate problem resolution within the required timelines, Coplogic will issue WVDOT a credit of $1,000 for each hour or part thereof it fails to meet the acknowledgement or problem diagnostics timeline for Severity 1 or Severity 2 priority issues.
		Issue Resolution Coplogic will resolve at least 95% of all Severity Level 2 – High priority incidents within five (5) calendar days of incident identification.	If Coplogic fails to implement a bug fix or a work-around acceptable to WVDOT (if a work-around is an acceptable solution to the problem based on the issue severity) within the required timelines, Coplogic will issue WVDOT a credit of $1,000 for each hour or part thereof if it fails to meet the issue resolution timeline for a Severity Level 2 priority issue.
Severity Level 3 – Minor	System does not work per approved design, but the	**Acknowledgement and Problem Diagnostics**	If Coplogic fails to acknowledge an issue or initiate problem resolution within the required

Severity	Description	Timeframes for Initiating Work and Resolving the Incident	SLA Credit*
	incident is having a limited immediate impact on WVDOT business operations.	Coplogic will acknowledge the incident within 24 hours and begin problem diagnostics on the incident within 10 business days of the incident being reported via the process described in the Classification of System Incidents section of the RFP.	timelines, Coplogic will issue WVDOT a credit of $500 for each hour or part thereof it fails to meet the acknowledgement or problem diagnostics timeline for Severity 3 priority issues.
		Issue Resolution Coplogic will resolve at least 90% of all Severity Level 3 – Minor priority incidents within 20 business days of incident identification. Any remaining incidents will be resolved or an alternative identification and accepted by the WVDOT Project Manager within 60 business days.	If Coplogic fails to implement a bug fix or a work-around acceptable to WVDOT (if a work-around is an acceptable solution to the problem based on the issue severity) within the required timelines, Coplogic will issue WVDOT a credit of $1,000 for each hour or part thereof if it fails to meet the issue resolution timeline for a Severity Level 3 priority issue.

Table 2: Coplogic's Service Level Agreement.

Service credits will be issued the month following the identification of a defect. Should an issue arise which is the result of more than one service level metric, the service credit discount will be the cumulative of the affected metrics. The maximum service credit applied to any given month will be a total of 50% of the cost of support and maintenance for the affected month.

Coplogic will work with WVDOT to ensure that no critical or high severity defects prevent the solution from operating per the WVDOT-approved specifications.

System Availability	SLA Credit*
99.9% uptime 24 hours a day, 7 days a week (other than for a defined maintenance window and other scheduled outages approved by the Agency). Downtime is defined as any time that any portion of the Coplogic solution is unavailable for normal business operations, and when the Agency-approved workaround is not available. Downtime will start from the time the Agency first notifies Coplogic's designated representative or Coplogic's Help Desk of the imperative condition until it is returned to working order.	If Coplogic does not meet this uptime requirement for the production landscape due to issues within its control, Coplogic will issue WVDOT a credit of $10,000 per hour for each hour the system is down, outside the allowed downtime parameters. This credit will be applied as a credit against the monthly application managed services fee.

Table 3: Coplogic's System Availability

Service credits will be issued the month following the identification of a defect. Should an issue arise which is the result of more than one service level metric, the service credit discount will be the cumulative of the affected metrics. The maximum service credit applied to any given month will be a total of 50% of the cost of support and maintenance for the affected month.

6.2.4.1 SLA Service Credits

Credits for Severity 1 priority issues will be applied to the monthly application managed service fees due to Coplogic. Credits for Severity 2 and 3 priority issues can be applied towards future enhancement work requested by WVDOT.

6.2.4.2 Support Model

Tier 1 Help Desk

Responsible Parties: WVDOT and Coplogic Support

This is the initial level of support responsible for basic user issues including application questions, problems accessing the Coplogic solution, questions about how to use the application, and initial problem determination and triage. The responsibilities of Tier 1 are to gather the user's information and to determine the user's issue by analyzing the symptoms and figuring out the underlying problem. Coplogic will assist WVDOT to staff the Tier 1 help desk by providing sufficient staff experienced with our solution to provide coverage between 7:00 a.m. – 5:00 p.m. Monday-Friday Eastern Time and 7:00 a.m. – 2:00 p.m. Eastern Time on Saturday for the first 60 days of production operations for each phase.

Tier 2 Support

Responsible Party: Coplogic

This level of support is responsible for advanced technical troubleshooting and analysis of problems and issues which cannot be completely resolved by the Tier 1 analysis. Coplogic will manage and perform Tier

2 and Tier 3 support for the provided application software components. Coplogic will operate a Tier 2/Tier 3 help desk for the entire term of the contract with a toll-free help desk telephone number and email address to contact Coplogic for technical support. The hours will be 7:00 a.m. – 8:00 p.m. Eastern Time Monday – Friday, 7:00 a.m. – 2:00 p.m. Eastern Time Saturdays and extended hours as needed for special events such as the West Virginia State Fair.

Tier 3

Responsible Party: Coplogic

This level of support is the highest level of support within the project team and is responsible for handling the most difficult or advanced problems which cannot be resolved at Tier 2. Individuals performing Tier 3 support shall be able to perform expert-level troubleshooting and analysis. Coplogic will manage and perform Tier 2 and Tier 3 support for the provided application software components. Coplogic will operate a Tier 2/Tier 3 help desk for the entire term of the contract with a toll-free help desk telephone number and email address to contact Coplogic for technical support. The hours will be 7:00 a.m. – 8:00 p.m. Eastern Time Monday – Friday, 7:00 a.m. – 2:00 p.m. Eastern Time Saturdays and extended hours as needed for special events such as the West Virginia State Fair.

Tier 4

Responsible Party: Coplogic

This level of support involves escalation to organizations outside of the Coplogic project team.

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7. Proposed Project Organization (RFP Section 5.3.6.2.7)

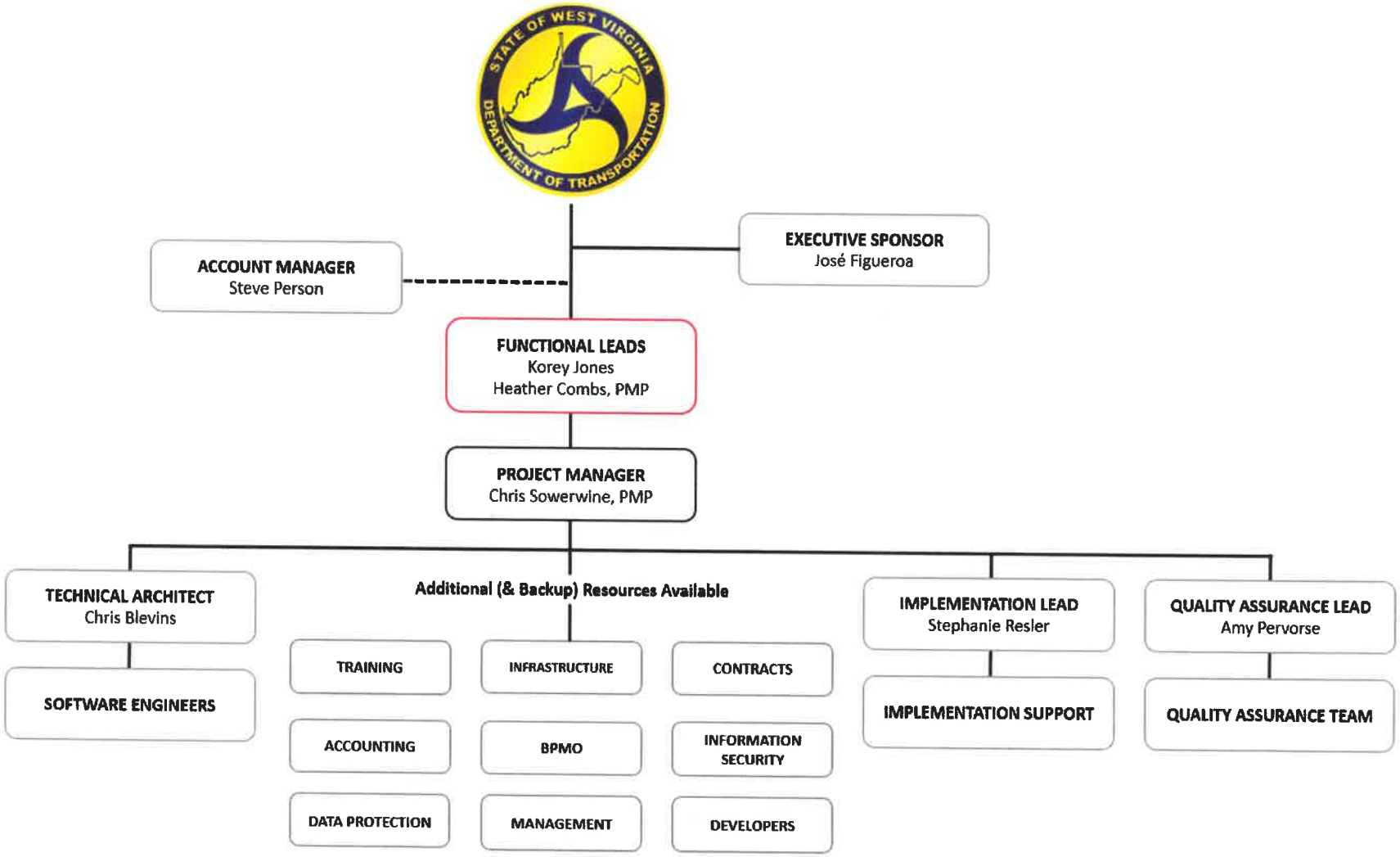

Figure 5: Coplogic's Proposed Organizational Chart for the WVDOT Crash and Citation Project.

Please note: The project team outlined represents the group we anticipate will support your implementation. While we expect this team to remain largely the same, final project team composition may be adjusted to best align with resource availability and project requirements. In line with RFP Section 4.2.3.4, any staff replacements throughout the duration of the contract will have equal or greater experience.

As shown in Figure 4, Coplogic is proposing two Functional Leads who will jointly fulfill this role to enhance responsiveness and continuity of support. By operating together as a unified leadership team, the co-leads ensure the State's needs can be addressed promptly and without delay, while maintaining consistent decision-making and a seamless project experience.

7.1 Qualifications & Experience (RFP Section 4.3)

Coplogic is a highly experienced nationwide provider of crash and citation reporting solutions. We have demonstrated past performance on such projects for customers across the country. Annually, Coplogic manages millions of crash reports in connection with our statewide engagements and our work with thousands of local law enforcement agencies across the United States.

As explained in section 7.1.1, Coplogic has served as the prime system integrator for the implementation of our MOTS statewide crash reporting and e-Citation solutions for over 20 years. In this time, Coplogic has implemented statewide crash solutions for 17 states across the U.S., as well as 8 statewide eCitation solutions.

More broadly, Coplogic is an affiliate of LNRS. Founded in 1973, LNRS is a leading global provider of data-driven solutions for professionals in the government, insurance, banking, financial services, risk management, and other commercial markets. By uniting comprehensive information with powerful analytics and linking technology, time-saving functionality, and expert support, LNRS helps clients more effectively assess, predict, and manage risk. Every day, customers turn to our products and services to obtain in-depth identity insights, verify identities, conduct investigations, and uncover non-obvious connections.

Resumes for the proposed project team members are provided in Appendix IV – Resumes.

7.1.1 Validated Performance (RFP Section 4.3.1)

As demonstrated in section 2.3, **Coplogic exceeds all the Qualification and Experience Information requirements listed in the RFP.** Coplogic has been serving as the primate system integrator for the implementation of statewide public safety solutions for over 20 years. We have active crash reporting solutions for 13 states and active eCitation solutions for 6 states. As just one example, our statewide

solution for the Kentucky State Police ("KSP") processed over 140,000 collisions and 570,000 citations last year.

7.1.2 Mandatory Qualification/Experience Requirements (RFP Section 4.3.2)

As demonstrated in section 2.4, **Coplogic meets or exceeds the Mandatory Qualification/Experience Requirements listed in the RFP.** Our proposed Project Manager is certified as a Project Management Professional ("PMP") by the Project Management Institute (please see section 14.3 in Appendix IV – Resumes for experience details for our Project Manager). In addition, our Coplogic's proposed Functional Leads and Technical Architect have much more than two years of experience working in similar roles on implementations for our statewide solutions (please see sections 14.4, 14.5 and 14.6 in Appendix IV – Resumes for experience details for our Functional Leads and Technical Architect.).

8. Proposed Project Management Methodology & Approach (RFP Section 5.3.6.2.8)

8.1 Project Management Overview

Coplogic proposes to follow our established project management approach and techniques, which are based upon the best practices enshrined in the Project Management Institute's ("PMI") Project Management Body of Knowledge ("PMBOK"). Our approach and techniques also take into consideration the Agile Scrum methodology, which incorporates industry best practices for software development and project management.

8.1.1 Agile Project Methodology

A key component of our implementation strategy is the Agile project methodology. In our experience, it results in more rapid, consistent, and reliable implementations. An iterative series of "sprints" demonstrates tangible deliverables for evaluation and feedback every three (3) weeks. Project activities are broken into smaller work increments to minimize overall program risk. This incremental approach also lets us quickly adapt to changes as needed.

In early project phases, there are a series of Joint Application Design ("JAD") sessions that occur weekly to gather and review all of the requirements. While these meetings do not necessarily last all day, they frequently take place for the first 30-60 days after project kickoff. From initial design and development up through final system acceptance, Coplogic's Consulting Project Manager will oversee our project team's activities and system operations on a daily basis and will be in frequent communication with WVDOT's project team.

The Agile philosophy incorporates routine and formal communication among team members. It specifically includes the customer representative and other project stakeholders as observers. Formalizing face-to-face communication prevents problems from being hidden. It allows the team to react quickly to changes in requirements or desired outcomes. We use design documentation, stand-ups, sprint reviews, status meetings and reports, and steering committee meetings. This approach ensures that there are not any opportunities for efforts to be misdirected, that all issues are quickly identified and mitigated, and that the solution being built parallels WVDOT's requirements.

8.1.2 Risk Management

Our Issue and Risk Management Plan provides an intuitive and straight-forward framework that is goal-driven. The process includes two fundamental processes (1) identify risks, and (2) address risks. As part of

our normal project planning and management efforts, Coplogic identifies risks and enters them into an industry standard DevOps issue tracking tool to manage, assess, and prioritize. This tool exposes a number of reports and metrics.

8.1.3 Quality Assurance

In our view, one of the most important developments in quality management in the past several decades is the change of focus from product inspection to process management. Quality cannot be inspected into products. The Coplogic approach to delivering quality solutions incorporates short development cycles of a few weeks that are used to build, test, and demonstrate deliverables and features. In taking an Agile development approach, we are able to build quality into the final product through short iterations in system development processes that are managed as an integrated part of project management.

On an ongoing basis, Coplogic monitors project results to determine if they comply with relevant quality standards. Our testing methodology identifies ways to eliminate causes of unsatisfactory performance. This methodology includes objectives and approaches that facilitate traceability to requirements. We strive to ensure that components of the Coplogic solution function in accordance with the appropriate requirements and design specifications (see section 6.1.3 for details on testing).

Coplogic follows industry best practices and guidelines for QA and control. We have implemented multiple QA and control procedures across all parts of our business to ensure high quality. These procedures cover the full software development lifecycle. They comprise the collection of data from reliable and trustworthy sources, to maintenance and analysis of source information, through deployment and ongoing solution monitoring.

The overall responsibility of quality management lies with the project team, which will be comprised of staff from Coplogic and WVDOT. QA as a function of project management is based on the concept of total quality. This concept means that quality management is an important task throughout the development life cycle, not just testing. It also means that quality is everybody's responsibility.

8.1.4 Change Management

Coplogic recognizes that any project can evolve over time due to internal and external project dynamics. We stand ready to satisfy WVDOT's immediate requirements and continue supporting new WVDOT needs as mutually agreeable over the life of the contract.

Our change management process provides an efficient means for updating the work plan for approved changes identified during project execution. Our approach provides a single point of contact for the WVDOT Project Manager for any changes to the project scope and solution for the contract term. This

single point of contact is Coplogic's Consulting Manager. All requests can be provided to this individual. S/he will log the change requests, categorize, manage, and report back on the status on the control items via an online tool. A unique change control number will be assigned to each change request, allowing for tracking and reporting.

Once a request for change has been made by WVDOT, the Coplogic's Consulting Manager will log the item(s) and coordinate any necessary meetings and communications with individuals within our organization to evaluate and determine the impact, level of effort, and costs (if applicable). Once the change request has been evaluated, the decision on the change will be provided back in both writing and verbally to WVDOT.

The durations of how long it takes to evaluate and respond back on a request for change depends on the type of the request and the magnitude of the change being requested. Because Coplogic uses an Agile project management methodology, we can provide quick turnarounds to WVDOT's needs.

8.2 Required Project Management Services (RFP Section 4.2.2.5)

As discussed in section 8.1, Coplogic will follow our established project management approach and techniques to manage all aspects of the project which are based on the PMI PMBOK. Coplogic will perform all project management services requested in the RFP as described below:

- ✓ Coplogic will prepare a detailed project work plan at the start of the project for WVDOT's review and approval. As described in the RFP, this plan will outline the tasks/activities required to fully implement the system to a production status. The project work plan will document the timeline of each project task/activity, the sequencing of tasks/activities and the dependency between these activities. It will also document all assumptions made in preparing the work plan, including what Coplogic needs the State to provide in terms of resources, workspace, and computing environment. We will prepare and submit the plan for approval within 30 days of Contract execution.

- ✓ Coplogic will prepare a project management plan at the start of the project for WVDOT's review and approval. As described in the RFP, this plan will outline the project management processes to be implemented and utilized during the entire project. It will be prepared and submitted to the State for approval within 30 days of Contract execution.

- ✓ Coplogic will conduct a project kick-off meeting within 10 days of Contract to review with WVDOT stakeholders the scope and schedule for each phase and the contributions which will be required from stakeholders and the timing of these activities/contributions.

- ✓ Our Agile approach incorporates high frequency communication. Coplogic will establish regular patterns and channels of communication with WVDOT and other stakeholders to ensure effectively and timely information sharing. Our project team will work closely with you to set a cadence for regular progress meetings and written status/progress reports at your desired frequency. Status reports typically include content such as tasks worked on, milestones reached, deliverables provided, upcoming tasks, any project concerns or problems, and items needed from the State to continue progress.

- ✓ Coplogic will prepare a risk management process for WVDOT's review and approval which will be implemented and maintained throughout the project. It will identify and document all risks associated with the project, the triggers that will alert the project manager to the risk's likelihood of occurring and a mitigation plan. Please note, Coplogic uses an iterative implementation method that mitigates risk by phasing-in functionality throughout the life of the project. Because our implementation method is feature-based, any issues are encountered at the component level rather than system level. Please see section 8.1.2 for more information on our approach to risk management. Coplogic will work with WVDOT's Project Manager to jointly maintain tracking logs and review/update them on a weekly basis.

- ✓ Coplogic will prepare and a QA plan within 45 days of contract execution for the State's review and approval. The QA plan will document the steps Coplogic will take to ensure quality is incorporated into all aspects of our work. As described in the RFP, the QA plan will document the processes to be used in assuring the quality of services provided for each requirement in the scope of work, including but not limited to, timely provision of services, professional quality reports and documentation, a process for addressing customer service issues, and a plan for addressing necessary changes resulting from changes in WVDOT needs, findings of substandard performance, or other external factors. Please see section 8.1.3 for more information on our approach to quality assurance.

- ✓ Coplogic will implement a collaborative project environment (e.g., SharePoint site) which is accessible with the appropriate security to both our project team and State project team members for posting and sharing project deliverables, work products and other project artifacts.

- ✓ Coplogic will implement a collaboration project environment that enables all project team members to view online logs/registers in accordance with the approved project management plan as described in the RFP. As part of our Agile methodology and as discussed in section 3.3.2.1, Coplogic uses industry standard DevOps issue tracking products for project management functions.

These tools expose a number of reports and metrics that will allow the State to monitor our progress and adjust priorities, reporting testing, and QA results.

- ✓ Coplogic recognizes that any project can evolve over time due to internal and external project dynamics. We will prepare a scope change management process as part of the project management plan for WVDOT's review and approval. The change management process will include, but not be limited to, change requests and approval levels, as well as associated risks. It will also address priorities and other relevant information pertinent to the proposed changes and the effect on the project in terms of time, money, and resources. We stand ready to satisfy WVDOT's immediate requirements and to continue supporting new WVDOT needs as mutually agreeable over the life of the contract. Please see section 8.1.4 for more information on our approach to change management.

9. Proposed Knowledge Transfer & Technical Training Plan (RFP Section 5.3.6.2.9)

Coplogic will develop a Knowledge Transfer and Technical Training Plan that is expressly designed to address WVDOT's specific business needs and objectives for the crash reporting and e-Citation management system. Our standard practice is to work in close collaboration with our statewide customers to create, maintain, and update Training Plans appropriate to the nature of our solutions.

9.1 Knowledge Transfer

Coplogic will provide user-friendly training materials on the solution for WVDOT users and other stakeholders. Our experience in implementing other statewide public safety data solutions has provided us with direct and valuable insight into the kinds of training materials that are most effective for this type of system, its authorized users, and support staff. These materials can include system screenshots, diagrams, charts, graphs, and/or other helpful visual aids, as appropriate to the functionality being described.

9.1.1 User Friendly Features

As a standard practice, Coplogic designs our statewide public safety solutions to be intuitive to end users. We also incorporate information and resources within our solutions that users can reference as needed for guidance. On other similar statewide projects, we have successfully implemented self-help functionality that enables users to quickly and intuitively obtain guidance and access system information.

Our proposed solution for WVDOT will incorporate helpful content and efficiency-driving features to assist the user. Our goal will be to enable users to obtain assistance within the context of their workflows. Examples include:

- Answers to frequently asked questions ("FAQs"). Initially, most of the initial FAQ content will be extracted from the user manuals. As the solution matures, content can be added or enhanced easily by WVDOT using the Administration Module of the solution.
- Easy access to training manuals, general guidance, and documentation.
- Links to tutorials.
- Contextual in-application "help" text, definitions, and tips for fields.

- The ability to click over to pop-up explanations.
- Summary and detailed descriptions messages related to data errors with suggestions on resolutions.
- Help page and online Quick Reference Guide documentation.

9.2 Technical Training

At no additional cost to WVDOT, Coplogic will provide your users with instructor-led, online 'train-the-trainer' training sessions. Courses can cover new user training, refresher training for existing users, system administration or other State-requested topics. The 'train the trainer' approach aims to educate your users with skills that are needed to train other users. Coplogic aims to train your users within 60 days of go-live. We will offer WVDOT up to two training sessions annually to ensure your users continue to see maximum benefit from our solution. Additional requests will be evaluated based on available resources and may be subject to additional fees.

10. Client References (RFP Section 5.3.6.2.10)

Coplogic has provided three client references that demonstrate that we meet the required and desired experience. We have also included two additional references for your consideration.

10.1 Reference #1

Customer Name	**Georgia Department of Transportation ("GDOT")**
Project Description	Coplogic delivered a crash data management service, the Georgia Electronic Accident Reporting System ("GEARS"), to serve state and local agencies in Georgia. Coplogic continues to work to build and manage systems and establish relationships that allow GDOT and its related stakeholders to more efficiently and effectively collect, validate, disseminate and analyze crash report information. Some accomplishments that have resulted from the GEARS contract include: • Increased Electronic Submission of Crash Reports: The percentage of crash reports that agencies submit electronically to the GEARS repository has increased to more than 99%. • Increased Timeliness of Crash Reports: The timeliness with which agencies submit crash reports has increased to approximately 91% submitted within seven days of the crash. • Increased Mapping Rates for Crash Reports: 96% of submitted crash reports are mapped with precise latitude and longitude coordinates – information that is vital for effective traffic safety and resource planning. • GEARS Repository: A hosted, centralized, secure, and shared data and document repository for all crash report information across the State of Georgia. • GEARS Client: A thick client, wizard-based data collection software application that enables officers in the field to quickly and accurately collect and transmit crash report information for storage and analysis in the GEARS repository. More than 6,400 law enforcement users currently depend on this tool. • GEARS Web Client: Officers with Internet connectivity in their vehicles can employ this browser-based collection tool as well to collect and submit crash data. This thin client is comparable

Customer Name	**Georgia Department of Transportation ("GDOT")**
	to the thick client application. More than 1,500 police users rely upon it. • GEARS Web Portal: This tool enables traffic safety specialists, police officers, and other authorized users to gain key insights by accessing, mapping, and analyzing crash data. They can leverage querying, data extracts, mapping, and statistical reporting tools. Over 3,000 users depend on it. Please see the recently published 'Road to Zero Traffic Fatalities' case study Coplogic published in collaboration with GDOT available online at: ga road to zero - gears case study pdf.pdf
Dates of Service	October 2025 (initial contract awarded in 2009)
Contract Value	No cost contract. Funded by Coplogic's eCommerce offset model.
Contact Name	Dave Adams, State Safety Project Manager
Contact Email	eadams@dot.ga.gov
Contact Phone	404.635.2850
Key Coplogic Team Members	Daniel Hunt, José Figueroa, and Chris Blevins

10.2 Reference #2

Customer Name	**Maine Department of Public Safety ("DPS") Bureau of Highway Safety**
Project Description	Coplogic provides the State of Maine with statewide solutions for crash reporting and analysis. These solutions include: • The Maine Crash Reporting System ("MCRS"), a crash data collection tool that Coplogic supplies to the Maine DPS and is used by local law enforcement agencies. • The Maine eCitation System, a statewide electronic citation system used by law enforcement for issuing citations and warnings, and collecting state-mandated traffic stop data. The MCRS collects 100% of the reportable crash reports for the State of Maine. MCRS has been successfully deployed statewide for crash reporting. The client data collection tool is actively used by the Maine State Police and other local law enforcement agencies in both connected and disconnected environments.

Customer Name	**Maine Department of Public Safety ("DPS") Bureau of Highway Safety**
	The MCRS system includes a web portal that provides the ability to search for and print crash reports, crash data transmission monitoring, ability to correct third-party data imports and pre-defined, and ad hoc reporting for all state reportable crashes. The MCRS provides automated exports of data to the Bureau of Motor Vehicles, SAFETYNET and Maine Department of Transportation's ("DOT") Crash Analysis System. Coplogic also designed, developed, and deployed the State of Maine eCitation system for the Maine DPS as a secure, statewide electronic citation data collection and transmission platform. Operational since 2018, the system enables Maine State Police, the Maine Warden Service, and participating county and municipal law enforcement agencies to issue citations electronically in the field and transmit them to a centralized state repository, significantly improving data quality, timeliness, and operational efficiency. Citations are automatically formatted using Maine's NIEM-compliant XML schema and securely transmitted to the Maine Judicial Branch's Violation Bureau for processing within the Odyssey Court Case Management System, providing a seamless integration between law enforcement and the courts. The system also supports controlled data access for authorized partners, including the Attorney General's Office, to meet statutory traffic stop data collection and reporting requirements. The solution is built on a Microsoft-based technology stack and hosted within the State of Maine's enterprise infrastructure, with defined governance and change management processes led by the DPS in coordination with MaineIT and the Coplogic project team. The system complies with Maine statutes governing electronic summons and complaint processing and has been continuously maintained and enhanced since deployment. As of February 2026, the Maine eCitation system supports approximately 1,500 active law enforcement users statewide and serves as Maine's authoritative electronic citation submission platform, demonstrating Coplogic's experience delivering and

Customer Name	**Maine Department of Public Safety ("DPS") Bureau of Highway Safety**
	sustaining large-scale, statewide citation systems integrated across justice partners.
Dates of Service	2022 (updated MCRS Cient and Web Portal) 2018 (eCitation) 2009 (initial MCRS system)
Contact Name	Lauren Stewart, Director
Contact Email	lauren.v.stewart@maine.gov
Contact Phone	207.626.3840
Key Coplogic Team Members	Daniel Schuessler, José Figueroa, and Chris Blevins

10.3 Reference #3

Customer Name	**Kentucky State Police ("KSP")**
Project Description	Kentucky's Open Portal Solution ("KyOPS") is a statewide solution for centralized crash reporting/analysis, law enforcement field reporting, and records management. The implemented solution is used by more than 500 law enforcement agencies in the Commonwealth of Kentucky and serves as the RMS for more than 90 percent of Kentucky law enforcement agencies. Additionally, the Federal Highway Administration, National Transportation Safety Administration, the University of Kentucky, local municipal planning organizations as well as Kentucky's Department of Transportation, Administrative Office of the Courts and Commercial Vehicle Enforcement, are either users of the KyOPS system or use data from KyOPS to improve public, officer, and road safety within the Commonwealth. To date, the KyOPS solution has now replaced sixteen legacy systems and includes modules to manage collision reports, citations (both traffic and criminal), NIBRS crime reports including a NIBRS Certified Repository, courtesy notices, call response activity reports, suspicious activity reports, carry conceal weapons permits, sex offenders, crisis intervention reports, missing persons reports, domestic violence reports, use of force reports, officer activity

Customer Name	**Kentucky State Police ("KSP")**
	reports, evidence reports, criminal history disposition updates, and 28 CFR Part 23 compliant criminal intelligence records. Every law enforcement agency across Kentucky uses the KyOPS system. Reports are now created and submitted electronically with no intervention between the officer and the central repository with the exception of any configured agency review process. Approximately two million field reports annually are reviewed, processed, stored, analyzed, and disseminated. Kentucky may be the only state in the country to have such a complete central records management solution used by all law enforcement agencies. Successes Achieved: ✓ Comprehensive statewide crash report solution (similar features and functionality) ✓ Implementation completed in 20 months ✓ MMUCC-compliant ✓ SafetyNet data sharing ✓ KyOPS has 15 electronic submission applications ✓ 100% of reports are submitted electronically ✓ 84% timely (5 days or less from collision date)
Dates of Service	2000 – Present
Contract Value/Funding	KSP used the Coplogic eCommerce module to completely fund the KyOPS rewrite project and presently uses these funds to add new modules to the KyOPS RMS platform.
Contact Name	Lt. Tim Moore
Contact Email	timothyc.moore@ky.gov
Contact Phone	502.782.9787
Key Coplogic Team Members	Travis Hughes, José Figueroa, and Chris Blevins

10.4 Additional References

10.4.1 Reference #4

Customer Name	**Indiana State Police ("ISP")**
Project Description	In 2003, the Coplogic team (formerly the projects group of Appriss) was asked to implement an eCrash solution for ISP. In 2006, the State of Indiana had a vision to streamline the administration of the ISP's

Customer Name	**Indiana State Police ("ISP")**
	vehicle crash repository. That vision resulted in the creation of what is now known as the Automated Reporting Information Exchange System ("ARIES"), a statewide crash reporting solution, which has been built, maintained, and upgraded by Coplogic in partnership with the ISP. With ARIES, ISP, local law enforcement agencies, traffic safety professionals, and the public at large have been relieved of a process that previously was labor intensive and cumbersome and now enjoy a solution that is available completely online. Today, the ARIES crash client software is installed in more than 530 law enforcement agencies in the State of Indiana and provides 100 percent electronic submission of roughly 200,000 crash reports annually. More than 15,000 state and local law enforcement officers use the ARIES software, and more than 2,000 non-law enforcement and traffic safety professionals access ARIES. The Indiana Department of Transportation ("INDOT") is also a key stakeholder in using a daily data feed of ARIES to analyze and improve state and local traffic safety engineering efforts. Local metropolitan planning organizations also rely on ARIES data in a similar manner. ARIES has not just resulted in an easier-to-use, less expensive process for the processing of crash records, it has become the cornerstone to improving traffic safety to save lives on state and local roadways across Indiana. With ARIES, Indiana is one of very few states in the nation that has 100 percent electronic vehicle crash record submission and administration, which empowers law enforcement, traffic safety professionals, insurance companies, attorneys, and others with instantaneous access to critical information.
Dates of Service	2003 – Present
Contract Value	No cost to the state.
Contact Name	Captain Douglas G. Hutchinson
Contact Email	dhutchinson@isp.gov
Contact Phone	812.699.7217
Key Coplogic Team Members	Craig Roth, José Figueroa, and Chris Blevins

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10.4.2 Reference #5

Customer Name	**Oklahoma Department of Public Safety and Service Oklahoma ("SOK")**
Project Description	In 2020, Coplogic was awarded a contract with the Oklahoma DPS to develop and implement a statewide crash reporting solution in support of objectives including improved officer safety, officer time savings, improved traffic safety, automated workflow to streamline the review and processing of crash reports, improved traffic safety measures, and timeline, complete, and accurate statewide data. Following delivery of our Statewide Crash Records Management System, Oklahoma Collision Electronic Records Solution ("OCERS") solution, DPS contracted with us to deliver an eCitation module, data integration services, and a driver/vehicle message switch auto-population interface—further demonstrating their trust in our capabilities and continued partnership. Their positive experience is reflected in our ongoing collaboration on new enhancements, including a FARS module and potential modules for Marine Investigation and Enforcement, as well as Stored Vehicle Management. Successes Achieved: ✓ Team is currently rolling out eCrash and eCitation tools to agencies across the state of Oklahoma ✓ Integrated a message switch interface with the OCERS application, giving officers the ability to quickly import involved person information directly into eCrash and eCitation reports from the message switch, saving officer time ✓ Access to BuyCrash for local agencies utilizing OCERS, which allows participating agencies to have their collision reports available on BuyCrash.com quickly and seamlessly
Dates of Service	2020 - present
Contract Value	~$600,000 per year for support and maintenance
Contact Name	Paul Harris, Director
Contact Phone	405.323.4074
Key Coplogic Team Members	Korey Jones, José Figueroa, and Chris Blevins

11. Appendix I – Addenda Acknowledgement

11.1 Addendum No. 1

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFP DOT2600000002

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge the addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[X]	*Addendum No. 1*	[ ]	*Addendum No. 6*
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

I understand that failure to confirm the receipt of the addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

LexisNexis Coplogic Solutions Inc.
Company

Authorized Signature

02/18/2026
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

11.2 Addendum No. 2

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFP DOT2600000002

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge the addenda may result in bid disqualification.

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[X]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

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LexisNexis Coplogic Solutions Inc.
Company

Authorized Signature

03/03/2026
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

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11.3 Addendum No. 3

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFP DOT2600000002

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge the addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[ ]	*Addendum No. 1*	[ ]	*Addendum No. 6*
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[X]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

I understand that failure to confirm the receipt of the addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

LexisNexis Coplogic Solutions Inc.
Company

Authorized Signature

03/10/2026
Date

Approved as to form

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

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12. Appendix II – Certification Forms

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Jason LaRue, AVP

(Address) 1000 Alderman Drive, Alpharetta, GA 30005

(Phone Number) / (Fax Number) 678.694.6000

(email address) coplogic.registrations@lexisnexisrisk.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62 which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

LexisNexis Coplogic Solutions Inc.
(Company)

(Signature of Authorized Representative)
William ("Bill") S. Madison, Executive Vice President
(Printed Name and Title of Authorized Representative) (Date)
678.694.6000
(Phone Number) (Fax Number)
coplogic.registrations@lexisnexisrisk.com
(Email Address)

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REQUEST FOR PROPOSAL
West Virginia Department of Transportation CRFP DOT2600000002

of clarification to assure full understanding of, and responsiveness to, the solicitation requirements. Vendors will be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals, and revisions may be permitted after submissions and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there will be no disclosure of any information derived from proposals submitted by competing bidders.

The Vendor's BAFO response, if requested, will include submission of revised technical and cost proposals. If BAFOs are requested by the State and submitted by the Vendor, they will be evaluated and scored, using the evaluation criteria in Section 6.2. Please note that the Agency reserves the right to award a contract based on the initial proposals received. Therefore, the Vendor should ensure their initial proposal provides the State the best terms from a price and technical standpoint.

6.9. **Availability of Information:** Proposal submissions become public and are available for review immediately after opening pursuant to West Virginia Code §5A-3-11(h). All other information associated with the RFP, including but not limited to, technical scores and reasons for disqualification, will not be available until after the contract has been awarded pursuant to West Virginia Code of State Rules §148-1-6.3.d.

By signing below, I certify that I have reviewed this Request for Proposal in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that, to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

LexisNexis Coplogic Solutions Inc.
(Company)

William ("Bill") S. Madison, Executive Vice President
(Representative Name, Title)

877-317-5000
(Contact Phone/Fax Number)

03/06/2026
(Date)

Approved by IDS

13. Appendix III - Data Security Addendum

Data Security Addendum

This Addendum outlines the rights, responsibilities, and obligations of both parties concerning the protection, privacy, and security of all data handled by the Service Provider in accordance with the terms of the underlying Agreement. The parties agree that this Addendum, including all terms and conditions herein, shall govern the Service Provider's handling of Public Jurisdiction/Agency data, including any sensitive or confidential information.

1. Definitions

- **Agency / Public Jurisdiction**: Any government or government agency that uses these terms and conditions. The term is a placeholder for the government or government agency.
- **Agency Data / Public Jurisdiction Data:** All data created by or in any way originating with the Public Jurisdiction/Agency, and all data that is the output of computer processing or other electronic manipulation of any data that was created by or in any way originated with the Public Jurisdiction/Agency, whether such data or output is stored on the Public Jurisdiction/Agency's hardware, the Service Provider's hardware, or exists in any system owned, maintained, or otherwise controlled by either party.
- **Agency Identified Contact / Public Jurisdiction Identified Contact**: The person or persons designated in writing by the Public Jurisdiction/Agency to receive security incident notification.
- **Authorized Persons**: The Service Provider's employees, contractors, subcontractors, or other agents who have responsibility in protecting or have access to the Public Jurisdiction's/Agency's personal data and sensitive data to enable the Service Provider to perform the required services.
- **Container as a Service (CaaS)**: A cloud computing model where a third-party provider manages the underlying infrastructure, including the operating systems, servers, and storage for running containers.
- **FIPS 140-3 (Federal Information Processing Standard Publication 140-3)**: The official U.S. government computer security standard that specifies the security requirements for cryptographic modules.
- **Incident:** An event that involves attempted or actual unauthorized access, use, disclosure, modification, or destruction of data, or interference with system operations, which may compromise the confidentiality, integrity, or availability of the data.

13. Appendix III - Data Security Addendum

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1. Definitions

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- **Agency Identified Contact / Public Jurisdiction Identified Contact:** The person or persons designated in writing by the Public Jurisdiction/Agency to receive security incident notification.
- **Authorized Persons:** The Service Provider's employees, contractors, subcontractors, or other agents who have responsibility in protecting or have access to the Public Jurisdiction's/Agency's personal data and sensitive data to enable the Service Provider to perform the required services.
- **Container as a Service (CaaS):** A cloud computing model where a third-party provider manages the underlying infrastructure, including the operating systems, servers, and storage for running containers.
- **FIPS 140-3 (Federal Information Processing Standard Publication 140-3):** The official U.S. government computer security standard that specifies the security requirements for cryptographic modules.
- **Incident:** An event that involves attempted or actual unauthorized access, use, disclosure, modification, or destruction of data, or interference with system operations, which may compromise the confidentiality, integrity, or availability of the data.

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Data Security Addendum

- **Individually Identifiable Health Information:** Information that is a subset of health information, including demographic information collected from an individual, and (1) is created or received by a health care provider, health plan, employer or health care clearinghouse; and (2) relates to the past, present or future physical or mental health or condition of an individual, the provision of health care to an individual, or the past, present or future payment for the provision of health care to an individual; and (a) that identifies the individual; or (b) with respect to which there is a reasonable basis to believe the information can be used to identify the individual.

- **Infrastructure as a Service (IaaS):** A cloud computing model where a provider gives customers access to fundamental computing resources over the internet.

- **Personal Data:** Data that includes information relating to a person that identifies the person by first name or first initial, and last name, and has any of the following personally identifiable information (PII): government-issued identification numbers (e.g., Social Security, driver's license, state identification card); financial account information, including account number, credit or debit card numbers; or protected health information (PHI).

- **Platform as a Service (PaaS):** A cloud computing model where a third-party provider delivers hardware and software tools—usually for application development—to users over the internet.

- **Protected Health Information (PHI):** Any individually identifiable health information that is created, received, maintained, or transmitted by a covered entity or its business associate, as defined by HIPAA. PHI includes data related to an individual's past, present, or future physical or mental health condition, the provision of healthcare, or payment for healthcare services, and can exist in any form—electronic, paper, or oral.

- **Restricted data:** Personal data and sensitive data.

- **Security Incident:** The actual unauthorized access to personal data or sensitive data the Service Provider believes could reasonably result in the use, disclosure, or theft of a Public Jurisdiction's/Agency's unencrypted personal data or sensitive data within the possession or control of the Service Provider. A security incident may or may not turn into a data incident.

- **Sensitive Data:** Data, other than personal data, that is not subject to distribution to the public as public information. It is deemed to be sensitive and confidential by the Public Jurisdiction/Agency because it contains information that is exempt by statute, ordinance, or administrative rule from access by the general public as public information.

Data Security Addendum

- **Service Provider:** The contractor and its employees, subcontractors, agents, and affiliates who are providing the services agreed to under the contract.
- **Software-as-a-Service (SaaS):** The capability provided to the consumer to use the provider's applications running on a cloud infrastructure.

2. Data Ownership

The Public Jurisdiction/Agency will own all rights, title, and interest in its data that is related to the services provided by this contract. The Service Provider shall not access Public Jurisdiction/Agency user accounts or data, except (1) in the course of data center operations, (2) in response to service or technical issues, (3) as required by the express terms of this contract, or (4) at the Public Jurisdiction's/Agency's written request.

3. Data Protection and Privacy

Protection of personal privacy and data shall be an integral part of the business activities of the Service Provider to ensure there is no inappropriate or unauthorized use of Public Jurisdiction/Agency information at any time. The Service Provider shall safeguard the confidentiality, integrity, and availability of Public Jurisdiction/Agency information and comply with the following:

- The Service Provider shall implement and maintain appropriate administrative, technical, and physical security measures to safeguard against unauthorized access, disclosure, or theft of personal data and sensitive data.
- Security standards shall be in accordance with federal, state, and recognized industry practices and not less stringent than the measures the Service Provider applies to its own personal and sensitive data of similar kind.
- The Service Provider warrants that its handling of personal and sensitive data will comply with all applicable federal and state privacy and data protection laws, regulations, policies, and directives, and shall survive termination of the underlying contract.
- The Service Provider shall support third-party multi-factor authentication integration with the Public Jurisdiction/Agency third-party identity provider.
- The Service Provider must remain compliant with Payment Card Industry Data Security Standard ("PCI DSS") requirements if handling credit, debit, or other payment cardholder information.

Data Security Addendum

- All data obtained by the Service Provider shall become and remain the property of the Public Jurisdiction/Agency.
- All data shall be encrypted at rest and in transit with controlled access, and the Service Provider is responsible for encryption of personal data unless otherwise stipulated.
- The Service Provider shall not copy, disclose, or retain any data or process intended for the use of the Public Jurisdiction/Agency for subsequent use in any transaction that does not include the Public Jurisdiction/Agency.
- The Service Provider shall not use or disclose any information collected in connection with the service for any purpose other than fulfilling the service.
- Data Location: Data center services, including storage of Public Jurisdiction/Agency data at rest, shall be located solely in the U.S..
- Personnel Location: All personnel, including employees and subcontractors, who have access to Customer Data must be located within the United States, and no personnel outside the U.S. shall be permitted to collect, store, or access any data.

4. Security Incident and Data Incident Notification and Responsibilities

The Service Provider shall inform the Public Jurisdiction/Agency of any confirmed security incident, data incident, or unauthorized access of data as soon as practicable, but no later than twenty-four (24) hours after the Service Provider becomes aware of it.

- **Initial Notification (within 24 hours of discovery):**
  - The Service Provider shall report the confirmed incident to the designated agency and department privacy officer (by email with read receipt), the WVOT Online Computer Security and Privacy Incident Reporting System, and the agency point of contact for general contract oversight.
  - The report shall include the type of incident, incident phase (detection and analysis; containment, eradication and recovery; or post-incident activity), projected business impact, and attack source information.
- **Detailed Information (within 24 hours or 72 hours of discovery):**

Data Security Addendum

- The Service Provider shall also notify the parties listed above with, to the extent known: (1) date of discovery; (2) list of data elements and the number of individual records; (3) description of the unauthorized persons known or reasonably believed to have improperly accessed, used, or disclosed the personal data; (4) description of where the personal data is believed to have been improperly transmitted, sent, or utilized; and, (5) description of the probable causes of the improper use or disclosure.

- **Responsibilities and Costs:**
  - The parties shall coordinate and cooperate to investigate the incident, and the Service Provider agrees to fully cooperate with the Public Jurisdiction/Agency.
  - The Service Provider shall promptly implement necessary remedial measures and prevent further incidents at the Service Provider's expense.
  - The Public Jurisdiction/Agency shall have the sole right to determine whether notice of the incident is to be provided to individuals, regulators, law enforcement, or others, and the contents and remediation of such notice.
  - If a data incident results from the Service Provider's failure to meet a contractual obligation to encrypt personal data, the Service Provider shall bear the costs associated with the investigation, resolution, notifications, and credit monitoring services, up to the average per record per person cost calculated in the most recent Cost of Data Incident Study: Global Analysis published by the Ponemon Institute.

5. Other Contractual Clauses

- **Notification of Legal Requests:** The Service Provider must contact the Public Jurisdiction/Agency upon receipt of any electronic discovery, litigation holds, subpoenas, or other legal requests related to the Public Jurisdiction's/Agency's data before responding, unless prohibited by law.
- **Termination and Suspension of Service:** Upon termination, the Service Provider shall implement an orderly return of Public Jurisdiction/Agency data in a specified or mutually agreeable time and format, and securely and permanently dispose of the data after successful return. During any service suspension, the Service Provider shall not intentionally erase any Public Jurisdiction/Agency data.

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- **Background Checks:** The Service Provider shall conduct criminal background checks in compliance with W. Va. Code §15-2D-3 and not utilize any staff who have been convicted of any crime of dishonesty, felony, or misdemeanor offense for which incarceration **for up to one (1) year is an authorized penalty.**

- **Oversight of Authorized Persons:** The Service Provider shall ensure Authorized Persons abide by the Agreement and maintain a disciplinary process to address any unauthorized access, use, or disclosure of personal data.

- **Access to Security Logs and Reports:** The Service Provider shall provide reports to the Public Jurisdiction/Agency, including user access (successful and failed attempts), user access IP address, user access history, and security logs for all Public Jurisdiction/Agency files and accounts.

- **Data Protection Self-Assessment & Data Center Audit:** The Service Provider shall perform a Cloud Security Alliance STAR Self-Assessment and an audit of its data center(s) at least annually, providing a redacted report upon request. Deficiencies may entitle the Public Jurisdiction/Agency to disqualify a bid or terminate the contract for cause.

- **Change Control and Advance Notice:** The Service Provider shall give thirty (30) days advance notice of any upgrades that may impact service availability and performance.

- **Security:** The Service Provider's safeguards shall include: securing facilities/equipment, implementing network/device/application/database/platform security, securing transmission/storage/disposal, implementing authentication and access controls, and providing appropriate training.

- **Non-disclosure and Separation of Duties:** The Service Provider shall enforce separation of job duties, require commercially reasonable non-disclosure agreements, and limit staff knowledge of data to that which is absolutely necessary.

- **Import and Export of Data:** The Public Jurisdiction/Agency shall have the ability to securely import, export, or dispose of data in standard format in piecemeal or in entirety at its discretion without interference.

Data Security Addendum

- **Responsibilities (Cloud Service Models):** The Service Provider is responsible for the acquisition and operation of all hardware, software, and network support. Specific responsibilities vary by model:
    - **CaaS (Container as a Service):** The provider manages the underlying infrastructure, including OS, servers, and storage for running containers.
    - **IaaS (Infrastructure as a Service):** The customer is responsible for managing and securing the operating system, applications, data, network configuration, and access control.
    - **PaaS (Platform as a Service):** The customer manages their applications, data, and identities, while the provider handles the underlying infrastructure and OS.
    - **SaaS (Software as a Service):** The provider handles the infrastructure, platform, and the application, and the customer is primarily responsible for their data and access management.
- **Subcontractor Compliance:** The Service Provider shall ensure that any subcontractor who receives Public Jurisdiction/Agency data agrees to the restrictions, terms, and conditions that apply to the Service Provider.
- **Right to Remove Individuals:** The Public Jurisdiction/Agency has the right to require the Service Provider to remove any representative believed to be detrimental to the working relationship.
- **Business Continuity and Disaster Recovery:** The Service Provider shall provide an executive summary of its business continuity and disaster recovery plan upon request. Lack of a plan will entitle the Public Jurisdiction/Agency to terminate the contract for cause.
- **Compliance with Accessibility Standards:** The Service Provider shall comply with and adhere to Accessibility Standards of Section 508 Amendment to the Rehabilitation Act of 1973.
- **Web Services:** The Service Provider shall use web services exclusively to interface with the Public Jurisdiction's/Agency's data in near real time when possible.
- **Encryption of Data:** The Service Provider shall ensure encryption consistent with validated cryptography standards as referenced in FIPS 140-3 for all personal data.

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Data Security Addendum

- **Subscription Terms:** Service provider grants to a Public Jurisdiction/Agency a license to access and use the service for its business purposes, use underlying software (for SaaS and PaaS), and view, copy, upload, download, and use provider's documentation.
- **Equitable Relief:** The Service Provider acknowledges that any breach of its covenants may cause irreparable harm to the Public Jurisdiction/Agency, entitling the Public Jurisdiction/Agency to seek equitable relief, including a restraining order or injunctive relief.

6. Approvals:

WV Office of Technology	Name of Authorized Signatory	Title

WVOT Date

Agency	Name of Authorized Signatory	Title

Agency Signature Date

Awarded Vendor	Name of Authorized Signatory	Title
LexisNexis Coplogic Solutions Inc	William ("Bill") S. Madison	Executive Vice President

Vendor Signature 03/10/2026 Date

Approved by IDS

Data Security Addendum

Appendix A

(To be completed by the Agency's Procurement Officer prior to the execution of the Addendum, and shall be made a part of the Addendum. Required information not identified prior to execution of the Addendum may only be added by amending Appendix A and the Addendum, via Change Order.)

Name of Service Provider/Vendor: LexisNexis Coplogic Solutions Inc.

Name of Agency:uu

Agency/public jurisdiction's required information:

1. Will restricted information be processed by the service provider?
   Yes ☐
   No ☐
2. If yes to #1, does the restricted information include personal data?
   Yes ☐
   No ☐
3. If yes to #1, does the restricted information include sensitive data?
   Yes ☐
   No ☐
4. Provide name and email address for the Department privacy officer:

   Name:

   Email address:

Vendor/Service Provider's required information.

5. Provide name and contact information for vendor's employee who shall serve as the public jurisdiction's primary security contact:

   Name: Chris Blevins

   Email address: chris.blevins@lexisnexisrisk.com

   Phone Number: 214-548-1516

14. Appendix IV – Resumes

14.1 Executive Sponsor

José Figueroa, Senior Consulting Director, will be the executive sponsor for this project. In this role, José will provide project oversight and leadership. He will be responsible for maintaining the overall relationship between Coplogic and WVDOT, and will be available to facilitate issue escalation, if needed.

José has decades of experience in leadership roles. He brings many skills to this role including strategic planning, organizational effectiveness, operations management, product management, collaborative leadership and relationship building. He has experience in multiple state, national and global projects.

Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	Senior Director, Coplogic Solutions	May 2024 - present
SHIP Global IP, a Seprotec Company	Managing Director, US	2022 – May 2024
Dennemeyer	Managing Director, Americas	2019 - 2022
LexisNexis	Vice President, Corporate Counsel Segment	2016 - 2019
	Senior Director, Offshore Operations	2015 - 2016
Yuxi Pacific	Chief Operating Officer	2013 - 2015
LexisNexis	Senior Director, Legal Segment	2000 - 2013
Office Legislative Services, Legislature of Puerto Rico	Executive Director	1996 - 2000

Education/Certifications

Institution	Achievement
The Ohio State University, Moritz College of Law	Juris Doctor, Law
	Bachelor's Degree, Sociology
University of New Orleans	Master of Business Administration (MBA)

Past Projects

José has experience in multiple state, national and global projects and oversees all projects for Coplogic PSG. Within the Coplogic organization, have overseen development projects, including but not limited to

the Georgia Department of Transportation GEARS project, Indiana State Police ARIES project, Kentucky 'KyOPS', Ohio Department of Public Safety eWarrants, and Michigan and Virginia Sex Offender Registry projects, among others.

14.2 Account Manager

Steve Person, Strategic Account Manager, AGO/BCI's key Coplogic contact throughout the RFP process. Steve brings over 30 years of experience in developing and managing crash solutions for law enforcement agencies, as well as 25 years of direct law enforcement experience with the City of Lansing Police Department. He has a strong knowledge of law enforcement RMS, CAD, eCrash and electronic ticketing, mobile systems, and streamlining processes. He earned his B.A. from Michigan State University, Staff and Command, Criminal Justice Management Degree from Eastern Michigan University. For more information, please refer to: https://www.linkedin.com/in/steve-person-62a3a4b/

Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	National Strategic Accounts Manager	Jun 2024 - present
	Director, Business Development	Aug 2016 – Jul 2024
Appriss (acquired by LNRS)	Director, Business Development	Jan 2014 – Aug 2016
Docview.com	National Sales Director	Jul 2010 – Dec 2013
City of Lansing Police Department	Lieutenant	Oct 1985 – Sep 2010

Education/Certifications

Institution	Achievement	Time period
Michigan State University	Bachelors, Criminal Justice	1983 - 1985
Eastern Michigan University	Staff and Command, Criminal Justice Management	1984
Lansing Community College	Police Academy	1984 - 1985
	Associates, Law Enforcement	1980 - 1982

Past projects

In prior public safety technology leadership roles, Steve led multiple high-impact initiatives that improved operational outcomes and expanded regional collaboration. Steve implemented both in-house and community GIS crime mapping solutions, earning individual commendations for deploying crime mapping technology as well as department-wide records and jail management systems. Steve strengthened funding

strategy and execution by doubling technology grant awards over two years, adding approximately $3 million to the annual budget, and separately authored and secured a $2.1 million grant to integrate voice and data connectivity for every public safety agency across the Lansing Michigan Tri-County area. To advance cross-jurisdictional intelligence and efficiency, Steve expanded data-sharing partnerships across Ingham County, the Michigan State Police, Michigan State University, and surrounding counties (including Eaton, Clinton, and Barry), and established the Mid-Michigan GIS Consortium to formalize governance and shared capabilities. Steve also delivered statewide "firsts," including implementing Michigan's first web-based pawn shop module and investigator query application, was recognized by the Michigan State Police for Outstanding Contributions toward integrated criminal justice information systems, published in *COPS Innovations in Policing* for mobile technology successes, and has served as a reviewer for the U.S. Department of Commerce Technology Opportunities Program. experiences that translate directly to stakeholder alignment, and results-driven program execution.

14.3 Project Manager

Chris Sowerwine, Business Senior Project Manager, has more than 10 years of experience managing multiple design, development and implementation projects for law enforcement customers. As project manager, he will manage the project from initiation, design, implementation, training and go-live.

Chris is part of our Business Project Management Office ("BPMO"), which brings expertise, experience and best practices to the planning, management, and monitoring of projects with government and private sector customers. Our BPMO team:

- Is skilled in managing complex engagements.
- Uses expertise and a structure methodology to ensure efficient solution implementations
- Establishes consultative and collaborative partnerships with our customers, with formal structure throughout Initiation, Planning, Execution, Monitoring & Controlling, and Closing phases of projects.
- Coordinates kick-off and working sessions to define teams, roles and responsibilities, project scope, deliverables, and timelines.
- Draws upon project management best practices relating to projects, processes, and people – such as Lean Six Sigma, Agile, Prosci ADKAR, and the PMI PMBOK.

Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	Business Senior Project Manager	2019 - present
	Project Analyst	2014 - present
iyeTek (acquired in 2014)	Project Manager	2011 - 2014
	Technical Writer	2010 – 2011
	UI Appeals Tribunal Hearing Officer	2018 - 2020

Education/Certifications

Institution	Achievement
Western Michigan University	B.A, Journalism/Political Science
Project Management Institute	Project Management Professional Certification
Aveta Business Institute	Six Sigma Green Belt Training and Certification
Prosci	ADKAR Enterprise Change Management

Past projects

As an example of Chris' experience working on similar projects, he oversaw the successful delivery of a Coplogic field-based reporting tool to the Michigan State Police ("MSP") which collects data from officers' vehicles and validates it against agency-designated rules and guidelines, resulting in fewer errors and disqualified citations. The solution also interfaces with five court management systems ("CMS") to help MSP exchange data across the state's disparate court system. MSP operates out of more than 30 posts and satellite sites, and issues roughly 200,000 citations annually.

14.4 Functional Lead #1

Korey Jones is a member of our PSG statewide team. He is a strategic and results-driven Consulting Manager with a proven record of leading cross-functional software development teams to deliver enterprise applications in the public safety and government sectors. In the role of consulting manager, Korey will provide expertise from our statewide team to the project, especially around analytics and reporting to enhance safety.

Korey is experienced in managing the full DevOps lifecycle, driving customer engagement, and translating complex business requirements into actionable technical roadmaps. He is adept at stakeholder communication, process optimization, and solution delivery to ensure alignment with organizational goals. Korey is also a skilled trainer and facilitator, serving as a trusted partner to our customers and end users to maximize adoption and long-term system success.

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Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	Consulting Manager	2022 - present
State of Tennessee	Director of Training, Research & Compliance	2021 – 2022
	Chief Hearing Officer	2020 – 2021
	UI Appeals Tribunal Hearing Officer	2018 - 2020

Education/Certifications

Institution	Achievement	Time period
Florida State University	Juris Doctor (JD) in Law	2017

Past projects

Korey Jones is the Consulting Manager/Functional Lead for our relationship with the Oklahoma Department of Public Safety. Please see section 10.4.1 for project details.

14.5 Functional Lead #2

Heather Combs brings over 10 years of professional experience in public safety technology, project management, delivery, and implementation experience. As a Certified Scrum Product Owner, she has led various projects for government and law enforcement customers. Heather is also a Certified PMP.

On these engagements, Heather has worked collaboratively with clients to analyze their business needs, workflows, and systems to generate optimal solution approaches. She has also led teams of Field Service Engineers who specialize in empowering agencies with more efficient ways to provide crash reports to the public and the law enforcement community.

Professional Experience

Organization	Role	Time period
LexisNexis Coplogic Solutions	Consulting Manager	2018 - present
	Associate Product Manager	2016 - 2018
Appriss (acquired in 2016)	Business Data Analysis & Lead Field Service Engineer	2010 - 2016

Education/Certifications

Institution	Achievement	Time period
Indiana University	Bachelor of Science	2009
Scrum Alliance	Certified Scrum Product Owner	-
Project Management Institute	Certified Project Management Professional PMP	-

Past Projects

Heather has provided support for multiple statewide engagements. For example, she currently serves at the Consulting Manager for our ongoing engagement with the New Jersey Department of Transportation for statewide crash. As well, Heather provided implementation support and outreach to agencies across the State of Georgia in support of the GEARS project (see section 10.1 for project details).

14.6 Technical Architect

Chris Blevins, Director of Software Engineering, will be responsible for the overall development of the system. He will lead a team of developers, dedicated to the WVDOT crash and citation project. Chris is a computer software developer, engineer and architect with over 30 years of experience in design, development, programming, debugging, maintenance and support of various software systems.

Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	Director, Software Engineering	May 2024 - present
	Consulting/Principal Systems Engineer	Feb 2022 – May 2024
Independent Consultant	Independent Consultant	Oct 2021 – Feb 2022
YPO	Application Architect	Mar 2020 – Oct 2021
CBRE	Senior Software Engineer	Jul 2014 – Feb 2019
	Senior Application Developer	May 2013 – Jul 2014
Bank of America	Contract Software Engineer	Apr 2012 – Apr 2013
CoServ	Application Development Manager	Nov 2011 – Jan 2012
	.Net Developer Team Lead	Mar 2010 – Nov 2011

Organization	Role	Time period
	Senior .Net Developer	Mar 2009 – Mar 2010
TEKsystems	Software Developer/Web Developer	May 2007 – Mar 2009
dataReference	Computer Programmer	Oct 2006 – May 2007
TEKsystems	Contract Programmer	Jul 2006 – Sep 2006
American Bank	Programmer/Developer	May 1999 – May 2006
TEKSystems	Contract Programmer	Sep 2003 – Feb 2004
Sam Houston State University	Programmer/Analyst	Jan 1994 – Dec 1998

Education/Certifications

Institution	Achievement
Texas A&M University	Bachelor's Degree, Physics

Past Projects

As the Director of Software Engineering, Chris oversees all software engineering and infrastructure activities performed in support of Coplogic's PSG projects. This includes statewide crash solutions designed and developed for agencies including but not limited to: Oklahoma Department of Public Safety, Indiana, Michigan and Kentucky State Police, and Department of Transportation agencies in Illinois, Georgia, New Jersey, Maine, and Rhode Island.

14.7 Implementation Lead

Stephanie Resler, Implementation Manager, will lead the implementation of the proposed solution for WVDOT from the Coplogic side. She leads a team of 8 Business Analysts and collaborates with our customers and engineers to define business processes and produce project documentation (flowcharts, diagrams, requirements, design, traceability, SOPs) and create user stories. Stephanie's core competencies include:

- Cross-Functional Team Leadership
- Business Analysis (Requirements Elicitation, Process Documentation)

- Software Quality Assurance & Testing (ICP – TST)
- Agile / Scrum (SAFe Practitioner)
- FDA, GxP, 21 CFR Part 11 Compliance
- Technical Writing & Documentation (SOP, SDLC, Project Deliverables)
- Test Planning & Execution (Jira, qTest)
- Audit Readiness & Quality Systems

Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	Implementation Manager	Jun 2025 – present
	Business Analyst	Apr 2024 – Jun 2025
Anthem/Elevance Health	Senior Software Quality Analyst	Mar 2015 – Mar 2024
Bank of America	Copy/Editor/Writer	Aug 2012 – Aug 2014
Eli Lilly	Business Analyst/Quality Analyst	Nov 2011 – Aug 2012
Cook Pharmica	Business Analyst/Quality Analyst	Apr 2010 – Nov 2011
Eli Lilly	Business Analyst/Quality Analyst	Jun 2009 – Apr 2010
Argus Health Systems	Senior Software Quality Analyst	May 2006 – Mar 2008
U.S. Department of Agriculture	Business Analyst/Writer	Nov 2005 – Mar 2006
Eli Lilly	Computer System Validation Lead	Jan 2005 – Aug 2005
Conseco	Business Analyst/Team Lead	Nov 2004 – Jan 2005
Eli Lilly	Computer System Validation Engineer	Jul 2001 – Nov 2004
Merchant Wired (Simon Property Group)	Technical Writer/Tester	Jun 2000 – Jun 2001

Education/Certifications

Institution	Achievement	Time period
International Consortium for Agile	Agile Testing Certification (ICP-TST)	2020
QualityWBT Center for Education	Root Cause Analysis 07M Ed. Training	2019
Scaled Agile Framework SAFe4	SAFe Practitioner Certification	2018
ISTQB	Certified Foundation Level Tester (CTFL) Certification	2016

Institution	Achievement	Time period
EduQuest	FDA Auditing of Computerized Systems and Part 11 (27 hours)	2011
Society of Quality Assurance	Advanced Concepts in Computer Validation (8 hours)	2010
Institute of Validation Technology	Computer Systems and Software Validation (27.25 hours)	2010
Indiana University/IUPUI	General Studies	-

Past Projects

As an example of Stephanie's experience working on similar projects, she is currently working as the Business Analyst on the Illinois Department of Transportation crash repository, replacing the State's existing system with a web-based crash system. Responsibilities include requirements solicitation; JAD session scheduling and hosting; creation of documents including design; test plan; requirements traceability matrix, and support plan; QA testing; and defect triage.

14.8 Quality Assurance Lead

Amy Pervorse has a proven track record spanning software testing, technical support, and quality assurance. She bring a wealth of expertise to the table in ensuring product quality and customer satisfaction. In her role, Amy meticulously tests new features and bug fixes across multiple Coplogic projects.

Professional Experience

Organization	Role	Time period
LexisNexis Risk Solutions	Quality Assurance Manager	Jun 2025 - present
	Business Analyst & Quality Assurance	Aug 2024 – Jun 2025
Paradigm	Quality Assurance Specialist/Test Automation Engineer	Mar 2023 – Aug 2024
Skuid	Technical Support Engineer	Sep 2022 – Jan 2023
	Associate Test Engineer	Aug 2021 – Sep 2022
Dennemeyer	Software Support Specialist	Jun 2017 – Aug 2021
Volunteer NDT Corporation	Operations Assistant	Mar 2017 – Jun 2017
Antonline.com	Vendor Relations Manager	Nov 2014 – Aug 2016

Organization	Role	Time period
Classic Cadillac & Subaru	Accounting Assistant	Sep 2013 – Nov 2014

Education/Certifications

Institution	Achievement
Western Governors University	Bachelor of Science, Business Management

Past Projects

Amy shas supported multiple statewide projects for Coplogic, including an ongoing project with the South Carolina Department of Public Safety for crash collection, crash repository and reporting and analytics module.

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15. Appendix V – Contract Exceptions

In accordance with Item 22 of RFP Section 2, Coplogic has clearly marked our exceptions below:

RFP Section No./Page No.	Redline Changes	Reason for Change
Section 4.2.3.1 / Page 60 Section 11. Liquidated Damages	**Complete implementation of the project within the agreed-upon timelines.** The Vendor will deliver the system to a production status and meet the go-live criteria within 30 days of the go-live date in the approved work plan for that phase (pilot or statewide deployment). ~~The Vendor will be subject to liquidated damages of $5,000 per day for each day over 30 days past the planned go-live date the Vendor is late in meeting all go-live criteria and achieving production status.~~ **11. LIQUIDATED DAMAGES:** This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications: Liquidated Damages Are Not Included in this Contract.	Coplogic requests that Liquidated Damages be struck in their entirety and instead rely on the Service Level Agreement (SLA) penalties described in our Technical Proposal response. SLA penalties ensure strong accountability. Additionally, delays could occur that are out of control of Coplogic (i.e. third-party delays, Agency delays, etc).
Section 8. INSURANCE / Page 17	**Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _$2,000,000.00 _____.per ~~occurrence~~ claim. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy. **Cyber Liability Insurance in** an amount of $10,000,000.00 per ~~occurrence~~ claim.	This minor edit brings this section in line with our insurance policy which is standard for the industry. Our Professional and Cyber Liability insurance is on a single policy and should be expressed as 'per claim' and not 'per occurrence.'

RFP Section No./Page No.	Redline Changes	Reason for Change
Section 32. Privacy, Security, and Confidentiality	**PRIVACY, SECURITY, AND CONFIDENTIALITY:** ~~The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.~~ As used in this Contract, "Confidential Information" means (a) proprietary or trade secret information which is clearly labeled or designated in writing as confidential by the disclosing party, or information that by its nature should be treated confidentially (b) nonpublic information on a party's customers, products, product development, operations, scores, financials, methods, prices, business plans, ideas, methodologies or technology (c) information regarding use of the Reports pursuant to this Contract and (d) the provisions of this Contract. Confidential Information does not include information that is generally known to the public, information received in good faith from a third party not subject to a confidential obligation to the source, or information that was independently developed by the recipient without the developing persons having access to the Confidential Information. Notwithstanding the foregoing, if applicable, consumer information provided by Vendor hereunder shall be considered Confidential Information. Each party agrees that it will not, during the term of this Contract and for two years thereafter, disclose, nor permit any of their employees or agents to disclose, to any other person or entity any Confidential Information received from the other, except as may be required by law. Each party agrees to protect the other party's	We have proposed mutual confidentiality language.

RFP Section No./Page No.	Redline Changes	Reason for Change
	Confidential Information with the same degree of care it uses to safeguard its own information of a similar character, provided that such degree of care shall not be less than a reasonable degree of care. Confidential Information shall be destroyed promptly after the termination of this Contract. Confidential Information from Vendor, including contact information or sensitive consumer data, shall only be used in connection with the licensing relationship between the parties described hereunder, and shall not in any case be shared with third parties.	
36. INDEMNIFICATION / Page 22	**36. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any third-party claims or losses arising from~~for~~ services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any third-party claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations provided that prompt notice of any such claim is given to Vendor, and only to the extent: (a) caused by Vendor's violation of applicable laws in the performance of its obligations under the contract; (b) caused by the gross negligence or willful misconduct of Vendor in the performance of its obligations under the contract during the term of the contract; or (c) arising from or arising out of Vendor's violation, infringement or misappropriation of any U.S. patent, copyright, trade secret or other intellectual property right asserted against the State and the Agency by a third-party to the extent based on the Agency's authorized use or possession of any	Vendor's risk profile will not permit it to expand indemnification obligations to first party claims and claims that are not related to Vendor's violation of law or gross negligence.

RFP Section No./Page No.	Redline Changes	Reason for Change
	services purchased under the contract. ~~; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.~~	
47. Limitation of Liability	To the extent permitted by applicable law, Vendor's entire liability for any claims due to its actions or omissions, including but not limited to negligence claims under this Contract, shall not exceed the total amount of Fees actually received by Vendor from Agency (excluding pass through or out of pocket expenses) for the specific services causing the liability during the 24 months before the event causing the claim. If the Contract is less than 24 months old, the liability is limited to the Fees actually received by Vendor from Agency up to that event. Further, notwithstanding the foregoing, in no event shall Vendor's liability under this Contract exceed seven million five hundred thousand dollars ($7,500,000.00) in the aggregate. This limitation of liability will not apply to any claims, actions, damages, liabilities or fines relating to or arising from Vendor's gross negligence or wilful misconduct.	Per our Corporate Policy, Coplogic is required to include a limitation provision in all contracts. We have proposed a limit shown here for the State's review and consideration, which we feel is appropriate and relative to the value of this project.
48. Intellectual Property Ownership	**Intellectual Property Ownership.** Vendor is, and shall be, the sole and exclusive owner of all right, title, and interest in and to any preexisting materials, including all intellectual property rights herein ("Pre-Existing Materials"). Pre-Existing Materials includes the pre-existing documents, data, know-how, methodologies, software, computer programs, reports and specifications provided by or used by Vendor in connection with performing the services or delivering the goods and equipment described herein, in each case developed or acquired by the Vendor prior to the effective date of the Contract, including Vendor's Core	This intellectual property language is key as it permits Coplogic to leverage our pre-existing intellectual property and know how to best provide the services to WV DOT. We are requesting this modified language to address and define the

RFP Section No./Page No.	Redline Changes	Reason for Change
	Framework. Vendor's Core Framework includes any customizable business rule templates, engines and generators (excluding the business rules generated specific to the solution herein described); document management, data searching, reporting, analytics, mapping, data capture, validation, notification and redaction tools; system workflow and/or administration, including database access, auditing, transaction, usage logging, user security and function access controls and case/transaction management functionality; and eCommerce capability ("Core Framework"). Vendor hereby grants Agency a non-exclusive, perpetual license to use the Pre-Existing Materials to the extent incorporated in, combined with or otherwise necessary for the receipt or use of all deliverables, services, products, and equipment required in the Contract. Agency shall promptly notify Vendor of any threatened or actual infringement of Vendor's Pre-Existing Materials and shall not remove or obscure a copyright or other notices from such Pre-Existing Materials provided hereunder. All right, title, and interest to the Crash Reporting System, excluding the Core Framework, and any deliverables, customizations, modifications, or enhancements to the West Virginia Crash Reporting System and the West Virginia Citation solution prepared by Vendor and provided the State as a result of this Contract ("Work Product") shall be owned by the State. The State shall own and hold exclusive title to any Work Product developed as a result of this Contract. For purposes of this Contract, Work Product shall also include, as it relates to the West Virginia Crash Reporting System and the West Virginia Citation solution:	Intellectual Property ownership between Coplogic and WVDOT. Our intent is to differentiate between our existing IP and the work product.

RFP Section No./Page No.	Redline Changes	Reason for Change
	1. Quality Control (unit tests); 2. Web Portal User Administration for authenticated users, authorized users and administrators; 3. Data sharing and interfaces with external and local systems; 4. Data extracts and redaction functionality, designed to facilitate data sharing and redaction specifications as required by the State; 5. West Virginia MMUCC 6 state crash form to collect required state elements; 6. West Virginia MMUCC 6 XSD data transmittal process; 7. West Virginia MMUCC6 XSD business rules and report matching process; 8. West Virginia State-specific training material developed under contract.	

NOTE/OPTION Concerning Attachment D: Per Addendum 1, we are proposing to host the solution in a cloud environment, with the State having an option to alternatively deploy the solution in a State-controlled public or private cloud environment. Should the State opt for a Vendor-hosted solution, we respectfully request the ability to negotiate the security breach terms and include a defined liability cap to apply to the State of West Virginia Cloud Addendum (RFP Attachment D).

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16. Appendix VI – Attachment A

Coplogic's completed Attachment A is provided on the following pages:

Instructions for completing this Requirements Document

Complete the Crash Reporting System Requirements Matrix (this Microsoft® Excel® file) as described and defined in the following.

Columns in the Crash Reporting System Requirements Matrix (this Microsoft® Excel® file)

Column Name in Worksheet	Description of the Column
Unchangeable Fields	The contents of the rows under these column names are not changeable by the Vendor
Req #	*Requirement Number, a unique identifier for the business requirement*
Category	*Category for the business requirement*
Sub-Category / Field Name	*Sub-Category for the requirement or the WVDOT Crash Reporting Field Name*
Business (Functional) Requirement	*Description of the business requirement expected in the software solution*
MMUCC 5/6 Required?	*Y/N — indicates that the field is required by the 5th or 6th Edition of MMUCC (only appears on the CRASH REPORTING tab)*
MMUCC Reference Information	*Provides a reference to the specific MMUCC Requirement (only appears on the CRASH REPORTING tab)*
Priority (H,M,L)	*Priority assigned to the business requirement (H=High, M=Medium, or L=Low)*
Vendor Modifiable Fields	**The Vendor is to complete the rows under these columns**
Vendor Response	This entry is required to be filled in by the Vendor and designate the Vendor's ability to fulfill the business requirement (this is described in more detail below under **Vendor Response**)
Customization Estimate, if Applicable	This entry is to be used if the business requirement can be met with customization; when used, this entry provides a sizing for the effort required to meet the business requirement, and uses a Small, Medium, and Large indicator for the level of effort required: • Small: Small customization(s) requiring up to a total of 80 hours for specification, development, and unit testing • Medium: Medium customization(s) requiring a total of 80 to 160 hours for specification, development, and unit testing • Large: Large customization(s) requiring greater than 160 hours for specification, development, and unit testing

Capability Planned for Future Release	This entry is to be used if the business requirement will be met in a planned future release of the software solution
Core Module(s)	This entry is used to indicate the name of the modules in the Vendor's solution required to meet the stated business requirement; when used, it is expected that there will be a matching entry with the same name in the cost proposal (which is a separate attachment)
Third Party Solution(s)	This entry is to be used when the Vendor intends to use a third party solution, or third party solutions, to fulfill the stated business requirement; when used, it is expected that there will be a matching entry with the same name in the cost proposal (which is a separate attachment)
Comments/Notes	This column is a free-form text field to allow the Vendor to provide any additional information the Vendor believes is needed to clarify or solidify their response to the business requirement

Vendor Response

Vendor Response	Description/Clarification of the Vendor Response
Customization Required to Meet	The requirement can be met, but it will require the development of a custom extension or bolt-on that would be a department-specific custom extension to the solution software. This custom extension will not be part of the base code and will not be maintained as part of the product going forward. In this scenario, the Vendor shall enter an indication of the complexity of the customization within the Customization column of the response spreadsheet as follows: • **Small**: Small customization(s) requiring up to a total of 80 hours for specification, development, and unit testing • **Medium**: Medium customization(s) requiring a total of 80 to 160 hours for specification, development, and unit testing • **Large**: Large customization(s) requiring greater than 160 hours for specification, development, and unit testing
Does Not / CANNOT Meet Requirement	The Vendor's proposed solution does not and cannot meet this requirement.
Meets with modification to Base Code	Requirement can be met through alteration or modification to the base code of the proposed software solution or through the development of new code which will be added to the base software and supported in the future as part of the software. The software licensor will support the migration of this functionality to future releases of the software solution as part of its supported upgrade path. In this scenario, the Vendor must also indicate the complexity of the customization and a schedule for development and testing of the customization and incorporating it into the off-the-shelf product.
Meets the requirement out-of-the-box	The requirement is fulfilled with out-of-the-box functionality, without the need for system parameter configuration, scripting, programming, or customization effort necessary.
Out-of-the-Box with configuration required to meet	The requirement is met with out-of-the-box delivered functionality; although configuration of system parameters may be required during implementation, no scripting, programming, or customization effort is required.
Proposed Third-Party Solution will meet	Third-party software is required to fully meet the requirement. In this scenario, the requirement is met through the implementation of the out-of-the box functionality of the third-party software included within the Vendor's proposed software solution, but no customization is required.

	Please note, for purposes of this proposal, a software module owned by the licensor of the core software is considered to be a third-party software solution if it is separate from or not tightly integrated with the proposed core solution.
Proposed 3rd-Party Solution w/Configuration	Third-party software is required to fully meet the requirement. In this scenario, the requirement is met through the implementation of the out-of-the box functionality of the third-party software included within the Vendor's proposed software solution, with configuration/customization required. *Please note, for purposes of this proposal, a software module owned by the licensor of the core software is considered to be a third-party software solution if it is separate from or not tightly integrated with the proposed core solution.*

Req. #	Category	Sub-Category/ Field Name	Business (Functional) Requirement	MMUCC 5/6 Required?	MMUCC Reference Information	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
Crash1	CRASH LOCN	Crash Record Number	Provide support for the creation of a unique crash report identifier (also referred to as the State Case Number) maintained in the statewide crash data repository. This should be the key element to identify a crash record in the State's crash database, should maintain consistency with the existing Crash Record Number (a 10-character data field). Note: • The unique crash report identifier (also referred to as the State Case Number) maintained in the statewide crash data repository. • This should be the key element to identify a crash record in the State's crash database.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic's application will generate a unique crash report identifier in the State's desired format, as we have done for multiple other statewide crash customers. Our solution can follow any formatting using a mask that will manage, issue and recycle unused numbers provided by the State.
Crash2	CRASH LOCN	Secondary Crash	Provide support for the entry and maintenance of an identifier for entry and maintenance of a Secondary Crash Indicator.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash3	CRASH LOCN	DOHCounty	Provide support for the entry and maintenance of a county identifier in which the crash occurred.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash4	CRASH LOCN	Crash Location	The system shall provide support for the entry and maintenance of crash location information using a geo-locating tool. This geo-locating tool must be integrated with the State's Linear Referencing System (LRS). The officer must have the ability to override the LRS provided geo-location information as needed. Overview of the required functionality: Provide system support or assistance to law enforcement officers entering crash reports via a geo-locating tool. Generally, law enforcement should be able to open a Location Selector within the crash reporting system, centered on their current location and supported by the current WV LRS dataset (a static snapshot). The system should snap the clicked point to the nearest valid LRS route within the configured tolerance. A temporary			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	Coplogic has geo-location capabilities in all our statewide crash solutions, including state map file layers. Coplogic will work with WVDOT to determine the best available map layers for the State to embed into the mapping/geolocation component of the solution. Officers will have the ability to override the LRS as desired by WVDOT.

Crash5	CRASH LOCN	Crash Location (Lat and Long)	Provide support for the entry and maintenance of the Longitude and Latitude coordinates for the crash location. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer. Note: • The Lat and Long must be validated (minimally to confirm that the coordinates are within the WV state borders and conform to WVDOT LRS, except in cases where the crash originates on an offroad location (private property crash))			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash6	CRASH LOCN	DOHHighway Class	Provide support for the entry and maintenance of the type of facility on which the crash occurred (e.g., Interstate, US, WV, County/HARP, City Street, State Park/Forest Road, Private Road, Private Property/Off-Road, or Other). This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash7	CRASH LOCN	DOHRoute	Provide support for the entry and maintenance of the route number on which the crash occurred. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash8	CRASH LOCN	DOHSubroute	Provide support for the entry and maintenance of the subroute number on which the crash occurred. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.

Crash9	CRASH LOCN	DOHSupplementalDesignation	Provide support for the entry and maintenance of a special designation of the route on which the crash occurred (e.g., Not Applicable, Alternate, Spur, Ramp, North, South, East, West, Truck Route, Toll, or Other). This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash10	CRASH LOCN	DOHMilepost	Provide support for the entry and maintenance of the milepost at which a crash occurred. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash11	CRASH LOCN	DOHRamp	Provide support for the entry and maintenance of a field that identifies the entrance or exit ramp on which the crash occurred. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash12	CRASH LOCN	DOHStreet/Road Name	Provide support for the entry and maintenance of the Municipal Street name on which a city street crash occurred. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash13	CRASH LOCN	DOHIntersecting Street	Provide support for the entry and maintenance of the nearest intersecting street to municipal street on which a city street crash occurred. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.

Crash14	CRASH LOCN	DOHOther Description of Location	Provide support for the entry and maintenance of an additional description of the crash location. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash15	CRASH LOCN	DOHRelation to Junction	Provide support for the entry and maintenance of the location of the first harmful event of a crash in relation to a specific type of junction. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash16	CRASH LOCN	DOHNon-Interchange Junction Type	Provide support for the entry and maintenance of an indicator that specifies whether the crash is the first harmful event and occurs in a Non-Interchange Area. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash17	CRASH LOCN	DOHInterchange JCT Type	Provide support for the entry and maintenance of an indicator that specifies whether the first harmful event occurs in an Interchange Area. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	See above.
Crash18	CRASH GENERAL INFO	Quality Control Review Date	Provide support for capturing the date and time of the Crash Data Quality Review Date for the crash record (this is by/for the Crash Record Number).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar audit/tracking functionality as part of our other statewide crash solutions.
Crash19	CRASH GENERAL INFO	Crash Amended (Date and Time)	Provide support for capturing the dates and times of the Crash Data record (this is by/for the Crash Record Number).			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	This functionality is included in all Coplogic's statewide crash solutions.
Crash20	CRASH GENERAL INFO	Date and Time Crash Last Amended	Provide support for easily identifying the date and time of the last change or update made to the crash record (by Crash Record Number).			H	Meets the requirement out-of-the-box		N/A	Crash Data Repository	N/A	See above.

Crash21	CRASH GENERAL INFO	Investigation Completed	Provide support for an Y/N indicator specifying whether the investigation has been completed for the crash record (this is by/for the Crash Record Number). However, allow an authorized user the capability of re-opening and make additional/final revisions.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash22	CRASH GENERAL INFO	Investigation Completion Date	Provide support for capturing the investigation complete date and time (this is by/for the Crash Record Number).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash23	CRASH GENERAL INFO	Reporting Agency Record Number	Provide support for the entry and maintenance of an agency-specific indicator that identifies a crash report. If the crash report is being entered by a law enforcement officer, this field should be auto-filled based on the law enforcement officer's credentials, but should also be allowed to be changed. Note: • Default for auto-filled number should be 'Off,' and only able to turned off/on by the administrator for the agency.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions, as discussed in Req. #Crash1.
Crash24	CRASH GENERAL INFO	Number of Vehicles Involved	Provide support for the entry and maintenance of an indicator that specifies the total number of vehicles involved in the crash. The number of vehicles involved will range from 1-n and each of these Vehicle Numbers (i.e., 1-n) should be present in the crash record in order for the crash record to be considered complete.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash25	CRASH GENERAL INFO	Number of Non-Motorists Involved	Provide support for the entry and maintenance of an indicator that specifies the total number of Non-Motorists involved in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash26	CRASH GENERAL INFO	Number of Fatal Injuries	Provide support for the entry and maintenance of a field that records the total number of fatal injuries occurring as a result of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions Coplogic recognizes that, when a crash report involves a fatality, specialized processing is necessary. To facilitate this kind of processing, our proposed solution can incorporate value-added features to WVDOT's specifications. We bring a strong understanding of federal Fatality and Analysis Reporting System ("FARS") requirements from multiple other successfully implemented statewide crash reporting solutions.
Crash27	CRASH GENERAL INFO	Number of ABC Injuries	Provide support for the entry and maintenance of a field that records the total number of nonfatal injuries occurring as a result of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash28	CRASH GENERAL INFO	Date of Crash	Provide support for the entry and maintenance of the date on which the crash occurred.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	This functionality is included in all Coplogic's statewide crash solutions, as indicated in Req. #Crash19.
Crash29	CRASH GENERAL INFO	Time of Crash	Provide support for the entry and maintenance of the time at which the crash occurred.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash30	CRASH GENERAL INFO	Date of Roadway Clearance	Provide support for the entry and maintenance of the date of first recordable awareness when all traffic lanes became available for normal traffic flow. This field should be enterable and maintain consistency			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash31	CRASH GENERAL INFO	Time of Roadway Clearance	Provide support for the entry and maintenance of the time of first recordable awareness when all traffic lanes became available for normal traffic flow. This field should be enterable and maintain consistency with the Date of Roadway Clearance Field.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash32	CRASH GENERAL INFO	Date Reported to Law Enforcement	Provide support for the entry and maintenance of the date on which the crash was reported, and law enforcement was dispatched to the scene.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash33	CRASH GENERAL INFO	Time Reported to Law Enforcement	Provide support for the entry and maintenance of the time at which the crash was reported, and law enforcement was dispatched to the scene, be updated in tandem with the Date Reported to Law Enforcement.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash34	CRASH GENERAL INFO	Date of Law Enforcement Arrival	Provide support for the entry and maintenance of the date on which law enforcement arrived at the scene. (Note: This field should allow for law enforcement arrival to occur the next day when the crash occurs close enough to midnight for this to become the next day, and should be validated to ensure it is at or after the Time Reported to Law Enforcement.)			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash35	CRASH GENERAL INFO	Time of Law Enforcement Arrival	Provide support for the entry and maintenance of the time law enforcement arrived at the scene and would work in tandem with the Date of Law Enforcement Arrival. See Date of Law Enforcement Arrival validation criteria.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash36	CRASH LAW ENFORCEMENT LOCN	RR Crossing #	Provide support for the entry and maintenance of a field that indicates if the first harmful occurs at a Railroad Crossing and the number of the crossing. This functionality should conform to the functionality description provided above in the geo-locating tool and be one of the values retrieved from the WV LRS, but also could be overriden by the officer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We can provide this functionality if Railroad Crossing data is included in the map layers.
Crash37	CRASH CONDITIONS	Manner of Collision	Provide support for the entry and maintenance of a field to identify the manner in which two motor vehicles in transport initially came together. This data element should identify the orientation of the two Motor Vehicles In-Transport when they are involved in the FIRST HARMFUL EVENT of a collision crash. If the FIRST HARMFUL EVENT is not a collision between two motor vehicles in-transport, it is classified as such.			H	Proposed Third Party Solution will Meet		N/A	eCrash Collection Tool with Trancite	N/A	Coplogic will incorporate the best-of-breed Trancite crash diagramming software suite within the application application. We have embedded it in at least 8 of our exisiting statewide crash systems.
Crash38	CRASH CONDITIONS	Environmental Contributing Circumstance 1 - 3	Provide support for the entry and maintenance of a field to identify the Environmental Contributing Circumstances, i.e., environmental conditions that may have contributed to the crash.	Y	Refer to MMUCC 4th Edition (C14. Contributing Circumstances, Environment Definition: Apparent environmental conditions which may have contributed to the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash39	CRASH CONDITIONS	Weather Condition 1 - 2	Provide support for the entry and maintenance of a field to identify the prevailing atmospheric conditions that existed at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: C10. Atmospheric Conditions (Definition: The prevailing atmospheric conditions that existed at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash40	CRASH CONDITIONS	Light Condition	Provide support for the entry and maintenance of a field to identify the Light Condition, i.e., the type / level of light that existed at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash41	CRASH CONDITIONS	Road Surface Condition	Provide support for the entry and maintenance of a field to identify the roadway surface condition at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash42	CRASH CONDITIONS	Road Surface Type	Provide support for pulling the roadway surface type from the WVDOT LRS System, but allow the user to override if the officer on site sees that the information is incorrect. The field is to identify the roadway surface type for the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash43	CRASH CONDITIONS	Road Surface Type – Other	Provide support for pulling the roadway surface type from the WVDOT LRS System, but allow the user to override if the officer on site sees that the information is incorrect. The field is to identify the roadway surface type for the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash44	CRASH CONDITIONS	First Harmful Event Location	Provide support for the entry and maintenance of a field to identify the location of the first injury or damage producing event as it relates to the roadway for the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: C8. Location of First Harmful Event Relative to the Trafficway Element Definition: The location of the FIRST HARMFUL EVENT as it relates to its position within or outside the trafficway.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash45	CRASH CONDITIONS	First Harmful Event	Provide support for the entry and maintenance of a field to identify the first injury or damage producing event that characterizes the crash type.	Y	Refer to MMUCC 6th Edition Data Element Name: C7. First Harmful Event Element Definition: The first injury- or damage-producing event of the crash.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash46	CRASH CONDITIONS	Road Contributing Circumstance 1-3	Provide support for the entry and maintenance of a field to record the condition of the road which may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash47	CRASH CONDITIONS	Road CC - Shoulder Problem	Provide support for the entry and maintenance of a field to record the condition of the road related to a shoulder problem that may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash48	CRASH CONDITIONS	Road CC - Traffic Control Device Problem	Provide support for the entry and maintenance of a field to record the condition of the road related to a traffic control device problem that may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash49	CRASH CONDITIONS	Road CC - Work Zone Activity Type	Provide support for the entry and maintenance of a field to record the condition of the road related to a work zone activity type that may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash50	CRASH CONDITIONS	Road CC - Other	Provide support for the entry and maintenance of a field to record the condition of the road which may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash51	CRASH CONDITIONS	Road CC - Work Zone Activity Type	Provide support for the entry and maintenance of a field to record the condition of the road related to a work zone activity type that may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash52	CRASH CONDITIONS	School Zone Related	Provide support for the entry and maintenance of a field that indicates whether the crash occurred within the boundaries of a school zone or as a result of a back-up of traffic in a school zone.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash53	CRASH CONDITIONS	School Zone Related - Type of Sign	Provide support for the entry and maintenance of a field to indicate the type of sign(s) present at the school zone.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash54	CRASH CONDITIONS	School Zone Related – Flashers	Provide support for the entry and maintenance of a field to indicate whether the school zone signing had flashing lights and whether they were active at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash55	CRASH CONDITIONS	School Zone Related - SZ Speed Limit	Provide support for the entry and maintenance of a field to identify the speed limit posted in an active school zone.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash56	CRASH CONDITIONS	Work Zone Related	Provide support for the entry and maintenance of a field to indicate whether the crash occurred in or was related to a construction, maintenance, or utility work zone, regardless of the presence of workers at the time of the crash. Also, should indicate if the crash resulted from traffic backed-up past the first warning sign of a work zone.	Y	Refer to MMUCC 6th Edition Data Element Name: C15. Work Zone Element Definition: A crash that occurs in or related to a construction, maintenance, or utility work zone, whether workers were present at the time of the crash	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash57	CRASH CONDITIONS	Work Zone - Workers Present	Provide support for the entry and maintenance of a field to indicate the presence of workers within a work zone at the time of a work zone related crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash58	CRASH CONDITIONS	Work Zone - WZ Speed Limit	Provide support for the entry and maintenance of a field to record the posted work zone speed limit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash59	CRASH CONDITIONS	Work Zone - Location of Crash	Provide support for the entry and maintenance of a field to identify the location of the crash within the work zone in relation to the Traffic Control Plan.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash60	CRASH CONDITIONS	Work Zone - Type of Work Zone	Provide support for the entry and maintenance of a field to identify the type of work zone traffic control plan in place within a work zone.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash61	CRASH CONDITIONS	Work Zone-Law Enforcement Present	Provide support for the entry and maintenance of a field to identify whether law enforcement was present within a work zone.	Y	Refer to MMUCC 6th Data Element Name: C17. Related Factors	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash62	CRASH CONDITIONS	Related Factors — Crash Level	Provide support for the entry and maintenance of a field to identify all other factors related to the crash.	Y	Refer to MMUCC 6th Data Element Name: C17. Related Factors	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions, including a free-form narrative field if desired by WVDOT.

Crash63	CRASH REPORTING	Police Reported	Provide support for the entry and maintenance of a Y/N field to indicate whether this crash report was completed and signed by a law enforcement officer or representative appointed by the law enforcement agency (e.g., a non-sworn officer).	Y	Refer to MMUCC 6th Data Element Name: S3. Police-Reported	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash64	CRASH REPORTING	State Reportable Crash	Provide support for the entry and maintenance of a field to indicate whether the crash meets the State's threshold for a reportable crash and is required to be reported by State law. Note (acceptable values): • No – This crash does not meet the State's threshold for a reportable crash and is not required to be reported by State law. • Yes – This crash meets the State's threshold for a reportable crash and is required to be reported by State law.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	Coplogic will work with the State to determine the best way to meet your needs. For example, we could include qualifying questions at the beginng with warning messages if the threshold is not met.
Crash65	CRASH REPORTING	Reported By	Provide support for the entry and maintenance of a field to identify the affiliation of the person completing the crash report.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash66	CRASH REPORTING	Photos Taken	Provide support for the entry and maintenance of a field to indicate whether pictures of the crash were taken.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash67	CRASH REPORTING	Photos Taken - By Whom	Provide support for the entry and maintenance of a field to indicate who took the pictures of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash68	CRASH REPORTING	Video Taped	Provide support for the entry and maintenance of a field to indicate whether video of the crash was taken.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash69	CRASH REPORTING	Video Taped - By Whom	Provide support for the entry and maintenance of a field to indicate who took video of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash70	CRASH REPORTING	Investigating Officer Name	Provide support for the entry and maintenance of a field to identify the officer responsible for completing the report along with contact information.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	As a standard practice in our statewide crash solutions to enhance efficiency, personnel data is auto-populated based on the user profile, including name, badge number and contact information. Officers can have the ability to override this data.

Crash71	CRASH REPORTING	Investigating Officer Number	Provide support for the entry and maintenance of a field to the officer number responsible for completing the crash report and provides contact information.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash72	CRASH REPORTING	Investigating Officer Phone	Provide support for the entry and maintenance of a field to capture the phone number for the investigating officer responsible for competing the crash report.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash73	CRASH REPORTING	ORI Number	Provide support for the entry and maintenance of a field to capture the ORI Number of the agency responsible for the crash report.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash74	CRASH REPORTING	Investigating Officer Agency	Provide support for the entry and maintenance of a field to record/identify the agency responsible for the crash report.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. To enhance efficiency, agency name can be auto-populated based on the user profile.
Crash75	CRASH REPORTING	Assisting Officer 1 - 3	Provide support for the entry and maintenance of a field to identify any additional officers assisting with the crash investigation.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash76	CRASH REPORTING	Reconstructed	Provide support for the entry and maintenance of a field to record whether the crash was reconstructed (or not). Include a pop-up note if 'yes' to remind investigator that this initial report needs submitted and not to wait on reconstruction report.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar checkbox validation functionality as part of our other statewide crash solutions.
Crash77	CRASH REPORTING	Reconstructed - By Whom	Provide support for the entry and maintenance of a field to identify who reconstructed the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash78	CRASH REPORTING	Date of Submission	Provide support for the entry and maintenance of a field to record the date (and time) the crash form was submitted.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	This functionality is included in all Coplogic's statewide crash solutions.

Crash79	VEHICLE INFO	Vehicle Number	Provide support for the entry and maintenance of a field to capture a number that uniquely identifies the vehicle involved in the crash. Vehicles involved in the crash are to be numbered from 1 to n. Finalizing a crash record must validate that there is information for "n" vehicles captured in the crash record. Do not allow an "n+1" vehicle to have information entered unless this field (Vehicle Number) supports the logical entry of the vehicle's information, thus requiring the value in this field to be adjusted.	Y	Refer to MMUCC 6th Data Element Name: V1. Motor Vehicle Number Element (Definition: Motor vehicle number assigned to uniquely identify each motor vehicle involved in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash80	VEHICLE INFO	Reporting Agency Record Number	Provide support for the entry and maintenance of a field to capture the agency-specific, unique identifier (for a year) that identifies a crash report. The system must ensure that the Reporting Agency Record Number is unique to the agency (i.e., it can match the Reporting Agency Record Number for another agency) --- that is, the system must prevent the creation of duplicate identifiers under the same agency. The number is provided by the agency itself, not inferred or calculated by the system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	As indicated in Req. #Crash1, the crash reporting application can follow any specific format using a mask. It will manage, issue and recycle unused number provided by the agency, and ensure unique identifiers within an agency.
Crash81	VEHICLE INFO	Vehicle Type	Provide PDF417 barcode scanning for all 50 states and automatically fill in field values from the vehicle registration or license plate. Fill in appropriate fields with the scanned information.				Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. Please note, Coplogic will support up to 3 different scanning devices across the State.
Crash82	VEHICLE INFO	Vehicle Type	Provide support for the entry and maintenance of a field to identify the vehicle's function at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash83	VEHICLE INFO	Hit and Run	Provide support for the entry and maintenance of a field to indicate whether the vehicle and/or the driver of the vehicle departed the crash scene without stopping to render aid or report the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V39. Hit-and-Run Element (Definition: Refers to cases where the motor vehicle in-transport is a contact vehicle in the crash and either the vehicle or the driver departs the scene without the driver stopping to render aid or report the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash84	VEHICLE INFO	Driver Presence	Provide support for the entry and maintenance of a field to indicate whether a vehicle was being operated by a driver at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: D1: Driver Presence (Definition: A data element that identifies whether a driver was present in this vehicle at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash85	VEHICLE INFO	Special Function	Provide support for the entry and maintenance of a field to identify whether a vehicle's was being used for a special purpose at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V21. Special Use Element (Definition: The type of authorized special use being served by this motor vehicle regardless of whether the use is marked on the vehicle or aligns to the body type, at the time of the crash. For example, a 15-Passenger van being used as a	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash86	VEHICLE INFO	Emergency Motor Veh Use	Provide support for the entry and maintenance of a field to identify whether an official motor vehicle that was involved in the crash was on an emergency response.	Y	Refer to MMUCC 6th Edition Data Element Name: V23. Emergency Response Element (Definition: Subfield 1 indicates operation of any motor vehicle that is legally authorized by a government authority to respond to emergencies with or without the use of emergency warning equipment, such	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash87	VEHICLE INFO	Vehicle Used as Bus	Provide support for the entry and maintenance of a field to identify whether vehicle(s) involved in the crash was being utilized as a bus.	Y	Refer to MMUCC 6th Edition Data Element Name: V22. Bus Use Element (Definition: The common type of bus service this vehicle was being used for at the time of the crash or the primary use for the bus if not in service at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash88	VEHICLE INFO	Travel Speed	Provide support for the entry and maintenance of a field to indicate the estimated travel speed of the vehicle at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash89	VEHICLE INFO	GVWR or GCWR	Provide support for the entry and maintenance of a field to identify the Gross Vehicle Weight Rating or Gross Combination Weight Rating indicating the weight recommended by the vehicle's manufacturer to be the maximum operational weight for the unit or the maximum operational weight for a combination of units. **Note**: • When a crash report falls under FMCSA requirements, the system should either hide/show the FMCSA-required fields for data entry.	Y	Refer to MMUCC 6th Edition Data Element Name: V14. Power Unit Gross Vehicle Weight Rating Element (Definition: The value specified by the manufacturer as the recommended maximum loaded weight of a single	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. Many of our statewide crash reporting solutions include capabilities that facilitate integration with Federal Motor Carrier Safety Administration (FMCSA) systems such as the Motor Carrier Management Information System (MCMIS) and SafetyNet. We will leverage our experience to configure the crash system as such.
Crash90	VEHICLE INFO	Number of Axles	Provide support for the entry and maintenance of a field to record the number of axles on the vehicle involved in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash91	VEHICLE INFO	Total Occupants	Provide support for the entry and maintenance of a field to indicate the total number of occupants of this vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: V20. Total Occupants in Motor Vehicle Element (Definition: The total number of injured and uninjured occupants in this motor vehicle involved in the crash, including people in or on the motor vehicle at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash92	VEHICLE INFO	Max Occupants	Provide support for the entry and maintenance of a field to indicate the maximum number of individuals the vehicle passenger compartment of this vehicle is designed to hold.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash93	VEHICLE INFO	Displaying Haz Mat Placard	Provide support for the entry and maintenance of a field to indicate whether the vehicle was displaying a hazardous materials placard at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash94	VEHICLE INFO	Modified Vehicle	Provide support for the entry and maintenance of a field to indicate whether the vehicle has been modified from its original factory designed state.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash95	VEHICLE INFO	Transport for Commerce	Provide support for the entry and maintenance of a field to indicate whether vehicle's primary use is for the transportation of goods, property, or people for commerce.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash96	VEHICLE INFO	Number of Trailing Units	Provide support for the entry and maintenance of a field to identify the number of units trailing the power unit in a combination vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: V17. Vehicle Trailing Element (Definition: identify whether this vehicle had any attached trailing units or was towing another motor vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash97	VEHICLE INFO	Related Factors — Vehicle Level Element	Provide support for the entry and maintenance of a field to capture factors related to this vehicle to facilitate identifying and tracking ongoing or emerging issues associated with these vehicle characteristics.	Y	Refer to MMUCC 6th Edition Data Element Name: V44. Related Factors – Vehicle Level Element (Definition: Records factors related to this vehicle to identify and track ongoing or emerging issues associated with these vehicle characteristics.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash98	VEHICLE CREDENTIALS	Owner Names	Provide PDF417 barcode scanning for all 50 states and automatically fill in field values from a driver's license. Provide support for the entry and maintenance of a field to identify the individual(s) to whom the vehicle is registered.	Y	Refer to MMUCC 6th Edition Data Element Name: V4. Vehicle Owner and Address (Definition: The name and address of the owner of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. As indicated in Req. #Crash81, Coplogic will support up to 3 different scanning devices across the State.
Crash99	VEHICLE CREDENTIALS	Owner Address	Provide support for the entry and maintenance of a field to identify the point of contact for vehicle owner(s) in the form of an address.	Y	Refer to MMUCC 6th Edition Data Element Name: V4. Vehicle Owner and Address (Definition: The name and address of the owner of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash100	VEHICLE CREDENTIALS	Owner Home Phone	Provide support for the entry and maintenance of a field to record the vehicle owner's phone number in order to contact them following the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash101	VEHICLE CREDENTIALS	Owner Other Phone	Provide support for the entry and maintenance of a field to record an alternate phone number for contacting the vehicle owner following the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash102	VEHICLE CREDENTIALS	Vehicle Make	Provide support for the entry and maintenance of a field to record the vehicle make. This value should be auto-populated based on the entry of a valid VIN.	Y	Refer to MMUCC 6th Edition Data Element Name: V10. Motor Vehicle Make Element (Definition: The manufacturer-assigned name applied to a group of motor vehicles.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. The system will auto-populate data elements (such as a vehicle's make, model, and year) as a user enters a VIN.
Crash103	VEHICLE CREDENTIALS	Vehicle Model	Provide support for the entry and maintenance of a field to record the vehicle model name. This value should be auto-populated based on the entry of a valid VIN.	Y	Refer to MMUCC 6th Edition Data Element Name: V12. Motor Vehicle Model (Definition: The manufacturer-assigned name denoting a family of motor vehicles (within a make) that have a degree of similarity in construction, such as body, chassis, etc.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash104	VEHICLE CREDENTIALS	Model Year	Provide support for the entry and maintenance of a field to record the year in which the vehicle was manufactured. This value should be auto-populated based on the entry of a valid VIN.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash105	VEHICLE CREDENTIALS	Body Type	Provide support for the entry and maintenance of a field to record the general configuration or shape of a motor vehicle. This value should be auto-populated based on the entry of a valid VIN.	Y	Refer to MMUCC 6th Edition Data Element Name: V13. Motor Vehicle Body Type Category (Definition: The category indicating the general configuration or shape of a motor vehicle distinguished by characteristics such as number of doors, rows of seats, windows, or roof line.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash106	VEHICLE CREDENTIALS	Color	Provide support for the entry and maintenance of a field to record the color description of the vehicle involved. This value should be auto-populated based on the entry of a valid VIN; however, allow the value to be changed (to support after market color changes to vehicle's original color).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above. All values can be overriden by the Officer if desired by WVDOT.
Crash107	VEHICLE CREDENTIALS	VIN	Provide support for the entry and maintenance of the vehicle VIN, a unique combination of 17 alphanumeric characters assigned to a specific motor vehicle designated by the manufacturer. The VIN entry should be validated against a validation service to ensure the accuracy of the data entry. Upon successful lookup of the VIN, automatically populate associated attributes such as the auto manufacturer, body type, color, etc. and allow color to overridden if necessary.	Y	Refer to MMUCC 6th Edition Data Element Name: V2. Vehicle Identification Number (VIN) (Definition: A unique combination of alphanumeric characters assigned to a specific motor vehicle that is designated by the	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash108	VEHICLE CREDENTIALS	Plate Class	Provide support for the entry and maintenance of a field to identify the type of registration for the vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash109	VEHICLE CREDENTIALS	Plate Number	Provide support for the entry and maintenance of a field to record the combination of letters and numbers displayed on the license plate or tag affixed to the motor vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: V9. Motor Vehicle License Plate Number (Definition: The alphanumeric identifier or other characters, exactly as displayed, on the registration plate or tag affixed to the motor vehicle.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash110	VEHICLE CREDENTIALS	Registration State	Provide support for the entry and maintenance of a field to identify the state, territory, government, etc. issuing the license plate for the vehicle.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash111	VEHICLE CREDENTIALS	Registration Year	Provide support for the entry and maintenance of a field to identify the year in which the vehicle's registration expires.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash112	VEHICLE CREDENTIALS	Registration Status	Provide support for the entry and maintenance of a field to identify the indicate whether the vehicle was in compliance with applicable motor vehicle registration laws at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash113	VEHICLE CREDENTIALS	Liability Insurance	Provide support for the entry and maintenance of a field to identify the indicate whether the vehicle involved in the crash was covered by auto liability insurance at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash114	VEHICLE CREDENTIALS	Insurance Company	Provide support for the entry and maintenance of a field to identify the name of the company insuring the involved vehicle at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash115	VEHICLE CREDENTIALS	Insurance Policy Number	Provide support for the entry and maintenance of a field to record the insurance policy number covering the involved vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash116	VEHICLE CREDENTIALS	Insurance Expiration Date	Provide support for the entry and maintenance of a field to identify the date after which the insurance policy is no longer valid.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash117	VEHICLE CREDENTIALS	Insurance Agent	Provide support for the entry and maintenance of a field to identify the point of contact to verify validity of insurance.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash118	VEHICLE SPECIFIC CRASH LOCN	Direction of Travel Prior to Crash	Provide support for the entry and maintenance of a field to record the direction the motor vehicle was traveling prior to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash119	VEHICLE SPECIFIC CRASH LOCN	Applicable Speed Limit (MPH)	Provide support for the entry and maintenance of a field to record the speed limit which applies to this particular vehicle at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V24. Motor Vehicle Posted or Statutory Speed Limit (Definition: The posted or statutory speed limit for this motor vehicle, just prior to this vehicle's involvement in	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash120	VEHICLE SPECIFIC CRASH LOCN	Roadway Description	Provide support for the entry and maintenance of a field to record the general description of the roadway layout and flow.	Y	Refer to MMUCC 6th Edition Data Element Name: V25. Trafficway Flow Element (Definition: identify whether the trafficway associated with this vehicle serves one-way or two-way traffic, just prior to this vehicle's involvement in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash121	VEHICLE SPECIFIC CRASH LOCN	Median Barrier Presence	Provide support for the entry and maintenance of a field to identify whether the trafficway associated with this vehicle included a median barrier, just prior to this vehicle's involvement in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V26. Median Barrier Presence Element (Definition: identify whether the trafficway associated with this vehicle included a median barrier, just prior to this vehicle's involvement in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash120	VEHICLE SPECIFIC CRASH LOCN	Roadway Description	Provide support for the entry and maintenance of a field to record the general description of the roadway layout and flow.	Y	Refer to MMUCC 6th Edition Data Element Name: V25. Trafficway Flow Element (Definition: identify whether the trafficway associated with this vehicle serves one-way or two-way traffic, just prior to this vehicle's involvement in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash121	VEHICLE SPECIFIC CRASH LOCN	Median Barrier Presence	Provide support for the entry and maintenance of a field to identify whether the trafficway associated with this vehicle included a median barrier, just prior to this vehicle's involvement in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V26. Median Barrier Presence Element (Definition: identify whether the trafficway associated with this vehicle included a median barrier, just prior to this vehicle's involvement in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash122	VEHICLE SPECIFIC CRASH LOCN	Total Lanes in Roadway	Provide support for the entry and maintenance of a field to record the number of lanes on the roadway which the vehicle was traveling. Populate this value from the WVDOT LRS System with ability for the user to override.	Y	Refer to MMUCC 6th Edition Data Element Name: V27. Number of Open Lanes in Vehicle's Environment Element (Definition: Total number of open lanes in this motor vehicle's environment, just prior to this vehicle's involvement in the crash, including through lanes, turn lanes, acceleration or deceleration	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash123	VEHICLE SPECIFIC CRASH LOCN	Traffic Control Device	Provide support for the entry and maintenance of a field to identify the type of traffic control device that was applicable to the vehicle at the crash location.	Y	Refer to MMUCC 6th Edition Data Element Name: V31. Traffic Control Device Element (Definition: The traffic control device (TCD) applicable to this motor vehicle, just prior to this vehicle's involvement in	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash124	VEHICLE SPECIFIC CRASH LOCN	Traffic Control Device Function	Provide support for the entry and maintenance of a field to indicate whether the traffic control device that was applicable to the vehicle was functioning properly at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V32. Device Functioning (Definition: identify whether the traffic control device recorded for this vehicle in the data element TRAFFIC CONTROL DEVICE was functioning properly, just prior to this vehicle's involvement in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash125	VEHICLE SPECIFIC CRASH LOCN	Horizontal Roadway Alignment	Provide support for the entry and maintenance of a field to indicate the horizontal geometry or layout of the roadway in the direction the vehicle was traveling.	Y	Refer to MMUCC 6th Edition Data Element Name: V28. Roadway Alignment Element (Definition: The geometric or layout characteristics of the roadway in the direction of travel for this vehicle, just prior to this vehicle's involvement in	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash126	VEHICLE SPECIFIC CRASH LOCN	Vertical Roadway Alignment (Roadway Grade)	Provide support for the entry and maintenance of a field to indicate the vertical geometry or layout of the roadway in the direction the vehicle was traveling.	Y	Refer to MMUCC 6th Edition Data Element Name: V29. Roadway Grade (Definition: The inclination characteristics of the roadway in the direction of travel for this vehicle, just prior to this vehicle's involvement in	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash127	VEHICLE SPECIFIC CRASH LOCN	Roadway Surface Condition	Provide support for the entry and maintenance of a field to identify the roadway surface condition for this vehicle, just prior to this vehicle's involvement in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V30. Roadway Surface Condition Element (Definition: The roadway surface condition for this vehicle, just prior to this vehicle's involvement in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash128	VEHICLE SPECIFIC CRASH LOCN	Property Damaged	Provide support for the entry and maintenance of a field to indicate property which was damaged by this vehicle during the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash129	VEHICLE SPECIFIC CRASH LOCN	Property Damage - Pole Number	Provide support for the entry and maintenance of a field to indicate the number of the pole that was damaged by a vehicle during the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash130	VEHICLE SPECIFIC CRASH LOCN	Property Damage Owner	Provide support for the entry and maintenance of a field to identify the owner of the property damaged in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash131	VEHICLE SPECIFIC CRASH LOCN	Property Damage Owner – Other	Provide support for the entry and maintenance of a field to identify the owner of the property damaged in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash132	VEHICLE SPECIFIC CRASH LOCN	Property Damage Location	Provide support for the entry and maintenance of a field to describe the location of property damaged by this vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash133	VEHICLE CRASH EVENTS	Impact Role	Provide support for the entry and maintenance of a field to identify the role that the vehicle played in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash134	VEHICLE CRASH EVENTS	Underride Override	Provide support for the entry and maintenance of a field to identify whether the crash involved a vehicle that either slides under or rides up on another vehicle during a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V42. Vehicle Underride or Override Element (Definition indicates whether this vehicle experienced an underride or override with another vehicle during the crash. An underride refers to this motor vehicle sliding under another motor vehicle during a	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash135	VEHICLE CRASH EVENTS	Vehicle Maneuver/Action (Vehicle Status Prior to Critical Event)	Provide support for the entry and maintenance of a field to record the controlled maneuver of this vehicle prior to the beginning of the sequence of events.	Y	Refer to MMUCC 6th Edition Data Element Name: V33. Vehicle Status Prior to Critical Event Element (Definition: The controlled maneuver for this motor vehicle, just prior to this vehicle's involvement in	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash136	VEHICLE CRASH EVENTS	Crash Avoidance Maneuver	Provide support for the entry and maintenance of a field to record the maneuver of the vehicle at the onset of the crash to attempt to prevent the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: D7. Attempted Avoidance Maneuver Element (Definition: identify movements or actions taken by the driver after the driver realizes there is an impending danger. This element assesses what the driver's action was in response to this realization.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash137	VEHICLE CRASH EVENTS	Contributing Circumstances, Motor Vehicle Element	Provide support for the entry and maintenance of a field to record re-existing motor vehicle defects or maintenance conditions that may have contributed to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V41. Contributing Circumstances, Motor Vehicle Element (Definition: Pre-existing motor vehicle defects or maintenance conditions that may have contributed to the occurrence or severity of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash138	VEHICLE CRASH EVENTS	Occurrence of Fire	Provide support for the entry and maintenance of a field to indicate whether a vehicle fire occurred as a result of the crash or as a result of vehicle equipment failure or malfunction.	Y	Refer to MMUCC 6th Edition Data Element Name: V43. Fire Occurrence Element (Definition: identify whether a fire in any way related to the crash occurred in this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash139	VEHICLE CRASH EVENTS	Sequence of Events	Provide support for the entry and maintenance of a field to record the most important sequential crash events of this motor vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: V37. Sequence of Events Element (Definition: Events in sequence related to this motor)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash140	VEHICLE CRASH EVENTS	Most Harmful Event	Provide support for the entry and maintenance of a field to record the single event that resulted in the most severe injury involving this motor vehicle. If no one was injured, the event responsible for producing the greatest property damage to this vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: V38. Most Harmful Event for this Motor Vehicle (Definition: Event that resulted in the most severe injury or, if no injury, the greatest property damage involving this	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash141	VEHICLE CRASH DAMAGE	Extent of Damage	Provide support for the entry and maintenance of a field to record the estimation of the total damage to the vehicle in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V36. Extent of Damage Element (Definition: identify the extent to which the damage identified in DAMAGED AREAS affects the vehicle's operability rather than the	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash142	VEHICLE CRASH DAMAGE	Manner Left Scene (Vehicle Towed)	Provide support for the entry and maintenance of a field to describe how the vehicle was removed from the scene following the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V40. Vehicle Towed Element (Definition: identify whether the vehicle was towed or carried from the scene of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash143	VEHICLE CRASH DAMAGE	Towed To	Provide support for the entry and maintenance of a field to indicate where a vehicle that was towed from the scene was taken following the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash144	VEHICLE CRASH DAMAGE	Towed By	Provide support for the entry and maintenance of a field to indicate who was responsible for towing a disabled or damaged vehicle following the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash145	VEHICLE CRASH DAMAGE	Vehicle Damage Diagram Type	The system shall allow entry of multiple vehicle records for a single crash, with each vehicle assigned one body type. For each vehicle, the system shall provide a diagram-based tool to record both the initial contact point (single-select) and all applicable damaged areas (multi-select). If "No Damage" is selected, the extent of damage must automatically be set to "No Damage" and no other damage areas may be selected. The vehicle may also include motorcycle, tractor trailer, etc.			H	Proposed Third Party Solution will Meet		N/A	eCrash Collection Tool with Trancite	N/A	As mentioned previously, Coplogic will incorporate the best-of-breed Trancite crash diagramming software suite within the application application. We have embedded it in at least 8 of our exisiting statewide crash systems.
Crash146	VEHICLE CRASH DAMAGE	Damaged Area(s)	Provide support for the entry and maintenance of a field to indicate the areas of the vehicle receiving damage in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V35. Damaged Areas Element (Definition: identify all areas damaged on the vehicle as a result of this crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash147	VEHICLE CRASH DAMAGE	Area of Initial Impact (Initial Contact Point)	Provide support for the entry and maintenance of a field to record the indicate the area of the vehicle that received the initial impact in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: V34. Initial Contact Point (Definition: The approximate contact point (depicted on a clock-point diagram) for this vehicle associated with this vehicle's first harmful event.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash148	VEHICLE CRASH DAMAGE	Most Damaged Area	Provide support for the entry and maintenance of a field to indicate the area of the vehicle that received the most damage in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash149	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Owner Same As Power Unit	Provide PDF417 barcode scanning for all 50 states and automatically fill in field values from the vehicle registration or license plate. Fill in appropriate fields with the scanned information.				Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. As indicated in Req. #Crash81, Coplogic will support up to 3 different scanning devices across the State.
Crash150	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Owner Same As Power Unit	Provide support for the entry and maintenance of a field to indicate if the owner of the trailing unit is the same as the power unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash151	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Owner Name	Provide support for the entry and maintenance of a field to indicate the identify the motor carrier or owner of the trailing unit(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash152	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Address	Provide support for the entry and maintenance of a field to indicate the contact information for the motor carrier or owner of the trailing unit(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash153	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 City	Provide support for the entry and maintenance of a field to indicate the contact information for the motor carrier or owner of the trailing unit(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash154	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 State	Provide support for the entry and maintenance of a field to indicate the contact information for the motor carrier or owner of the trailing unit(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash155	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Zip	Provide support for the entry and maintenance of a field to indicate the contact information for the motor carrier or owner of the trailing unit(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash156	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Phone	Provide support for the entry and maintenance of a field to indicate the contact information for the motor carrier or owner of the trailing unit(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash157	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 VIN	Provide support for the entry and maintenance of a field to record the unique combination of letters and numbers assigned to a specific motor vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: V18. Trailer VIN Element (Definition: A unique combination of alphanumeric characters assigned to each trailer designated by the manufacturer.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash158	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 License Plate Class	Provide support for the entry and maintenance of a field to record the type of registration for this trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash159	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 License Plate Number	Provide support for the entry and maintenance of a field to record the combination of letters and numbers displayed on the registration plate or tag affixed to the trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash160	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Registration State	Provide support for the entry and maintenance of a field to identify the state, territory, government, etc. issuing the registration plate for the trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash161	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Registration Year	Provide support for the entry and maintenance of a field to record the year in which the trailing unit's registration expires.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash162	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Make	Provide support for the entry and maintenance of a field to record the distinctive name distinguishing a motor vehicle's manufacturer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash163	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Model	Provide support for the entry and maintenance of a field to record the manufacturer assigned name denoting a group of vehicles that have a degree of similarity in construction.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash164	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Model Year	Provide support for the entry and maintenance of a field to record the year in which the trailing unit was manufactured.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash165	VEHICLE TRAILING UNITS INFO	Trailing Unit 1 Body Type	Provide support for the entry and maintenance of a field to record the indicate the general configuration or shape of a motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash166	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Owner Same As Power Unit	Provide support for the entry and maintenance of a field to indicate if the owner of the trailing unit is the same as the power unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash167	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Owner Name	Provide support for the entry and maintenance of a field to record the identify individual(s) to whom the vehicle is registered.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash168	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Address	Provide support for the entry and maintenance of a field to provide a point of contact for the vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash169	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 City	Provide support for the entry and maintenance of a field to provide a point of contact for the vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash170	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 State	Provide support for the entry and maintenance of a field to provide a point of contact for the vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash171	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Zip	Provide support for the entry and maintenance of a field to provide a point of contact for the vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash172	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Phone	Provide support for the entry and maintenance of a field to provide a means of contacting the vehicle owner following the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash173	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 VIN	Provide support for the entry and maintenance of a field to record the unique combination of letters and numbers assigned to a specific motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash174	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 License Plate Class	Provide support for the entry and maintenance of a field to indicate the type of registration for this trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash175	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 License Plate Number	Provide support for the entry and maintenance of a field to record the combination of letters and numbers displayed on the registration plate or tag affixed to the trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash176	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Registration State	Provide support for the entry and maintenance of a field to identify the state, territory, government, etc. issuing the registration plate for the trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash177	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Registration Year	Provide support for the entry and maintenance of a field to identify the year in which the trailing unit's registration expires.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash178	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Make	Provide support for the entry and maintenance of a field to record the distinctive name distinguishing a motor vehicle's manufacturer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash179	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Model	Provide support for the entry and maintenance of a field to record the manufacturer assigned name denoting a group of vehicles that have a degree of similarity in construction.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash180	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Model Year	Provide support for the entry and maintenance of a field to record the year in which the trailing unit was manufactured.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash181	VEHICLE TRAILING UNITS INFO	Trailing Unit 2 Body Type	Provide support for the entry and maintenance of a field to record the general configuration or shape of a motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash182	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Owner Same As Power Unit	Provide support for the entry and maintenance of a field to indicate if the owner of the trailing unit is the same as the power unit. Further, triple towing is not permitted in West Virginia, and, as a result, a popup warning or reminder should be issued to the law enforcement officer entering the crash report denoting that this is a violation.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash183	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Owner Name	Provide support for the entry and maintenance of a field to record the individual(s) to whom the vehicle is registered.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash184	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Address	Provide support for the entry and maintenance of a field to record the provide a point of contact for vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash185	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 City	Provide support for the entry and maintenance of a field to provide a point of contact for vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash186	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 State	Provide support for the entry and maintenance of a field to provide a point of contact for vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash187	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Zip	Provide support for the entry and maintenance of a field to provide a point of contact for vehicle owner(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash188	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Phone	Provide support for the entry and maintenance of a field to provide a means to contact the vehicle owner following the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash189	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 VIN	Provide support for the entry and maintenance of a field to record the unique combination of letters and numbers assigned to a specific motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash190	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 License Plate Class	Provide support for the entry and maintenance of a field to indicate the type of registration for this trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash191	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 License Plate Number	Provide support for the entry and maintenance of a field to record the combination of letters and numbers displayed on the registration plate or tag affixed to the trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash192	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Registration State	Provide support for the entry and maintenance of a field to identify the state, territory, government, etc. issuing the registration plate for the trailing unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash193	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Registration Year	Provide support for the entry and maintenance of a field to identify the year in which the trailing unit's registration expires.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash194	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Make	Provide support for the entry and maintenance of a field to record the distinctive name distinguishing a motor vehicle's manufacturer.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash195	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Model	Provide support for the entry and maintenance of a field to record the manufacturer assigned name denoting a group of vehicles that have a degree of similarity in construction.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash196	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Model Year	Provide support for the entry and maintenance of a field to record the year in which the trailing unit was manufactured.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash197	VEHICLE TRAILING UNITS INFO	Trailing Unit 3 Body Type	Provide support for the entry and maintenance of a field to indicate the general configuration or shape of a motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash198	VEHICLE CMV INFO	VEHICLE CMV INFO LINK	Provide support for the entry and maintenance of a field to indicate if a link CMV data to Vehicle Number from Vehicle Data Page. The system shall provide support for the entry and maintenance of a field to link Commercial Motor Vehicle (CMV) data to the corresponding Vehicle Number from the Vehicle Data Page. This link shall be triggered when the CMV condition is met. The system shall also support integration with driver logbook data to provide relevant CMV information. Rewritten requirement : Provide support for a single, editable field that creates a link between a Commercial Motor Vehicle (CMV) record and the Vehicle Number. This field shall indicate whether the link is "present" (e.g., "Yes") or **absent** (e.g., "No"). When a record satisfies the			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. Provided that the data is consistent with a Commercial Motor Vehicle (CMV) accident and that the user has filled out the appropriate information, we can identify a crash report as CMV-reportable based on WVDOT-provided business logic. Within many of our statewide crash reporting solutions Coplogic has incorporated workflows and functionality that support the identification of crash reports attributable to CMV crashes as well as CMV crash reporting to the FMCSA. These capabilities also facilitate integration with FMCSA systems
Crash199	VEHICLE CMV INFO	Motor Carrier Name	Provide support for the entry and maintenance of a field to indicate the identify the name of the business entity, individual, partnership, corporation, or religious organization responsible for the transportation of persons or property contained in the CMV.	Y	Refer to MMUCC 6th Edition Data Element Name: V7. Motor Carrier or Responsible Entity Name and Address (Definition: The name and address of the business entity, individual, partnership, corporation, or organization responsible for the transportation of people or property. Multiple sub-	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash200	VEHICLE CMV INFO	Motor Carrier Address	Provide support for the entry and maintenance of a field to identify the address of the principle place of business of an individual, partnership or corporation responsible for the transportation of persons or property contained in the CMV.	Y	Refer to MMUCC 6th Edition Data Element Name: V7. Motor Carrier or Responsible Entity Name and Address (Definition: Multiple sub-fields associated with this data element)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash201	VEHICLE CMV INFO	Motor Carrier City	Provide support for the entry and maintenance of a field to identify the address of the principle place of business of an individual, partnership or corporation responsible for the transportation of persons or property contained in the CMV.	Y	Refer to MMUCC 6th Edition Data Element Name: V7. Motor Carrier or Responsible Entity Name and Address (Definition: The name and address of the business entity, individual, partnership, corporation, or organization responsible for the transportation of people or property. Multiple sub-	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash202	VEHICLE CMV INFO	Motor Carrier State	Provide support for the entry and maintenance of a field to identify the address of the principle place of business of an individual, partnership or corporation responsible for the transportation of persons or property contained in the CMV.	Y	Refer to MMUCC 6th Edition Data Element Name: V7. Motor Carrier or Responsible Entity Name and Address (Definition: The name and address of the business entity, individual, partnership, corporation, or organization responsible for the transportation of people or property. Multiple sub-	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash203	VEHICLE CMV INFO	Motor Carrier Zip Code	Provide support for the entry and maintenance of a field to identify the address of the principle place of business of an individual, partnership or corporation responsible for the transportation of persons or property contained in the CMV.	Y	Refer to MMUCC 6th Edition Data Element Name: V7. Motor Carrier or Responsible Entity Name and Address (Definition: Multiple sub-fields associated with this data element)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash204	VEHICLE CMV INFO	Motor Carrier Country	Provide support for the entry and maintenance of a field to identify the address/country of the principle place of business of an individual, partnership or corporation responsible for the transportation of persons or property contained in the CMV.	Y	Refer to MMUCC 6th Edition Data Element Name: V7. Motor Carrier or Responsible Entity Name and Address(Definition: The name and address of the business entity, individual, partnership, corporation, or organization responsible for the transportation of people or property. Multiple sub-	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash205	VEHICLE CMV INFO	Motor Carrier US DOT Number	Provide support for the entry and maintenance of a field to record the unique identifier assigned to an individual, partnership, or corporation responsible for the transportation of persons or property contained in the CMV by the US DOT for any commercial carrier with a Gross Vehicle	Y	Refer to MMUCC 6th Edition Data Element Name: V5. Motor Carrier or Responsible Entity	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash206	VEHICLE CMV INFO	Motor Vehicle Registration State or Country	Provide support for the entry and maintenance of a field to indicate the Motor Vehicle Registration State or Country (i.e., The State, commonwealth, territory, Indian Nation, U.S. Government, foreign country, etc., issuing the registration plate displayed on the motor vehicle.).	Y	Refer to MMUCC 6th Edition Data Element Name: V8. Motor Vehicle Registration State or Country, note that Canada and Mexico support is also required.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash207	VEHICLE CMV INFO	Motor Carrier State ID Number	Provide support for the entry and maintenance of a field to record the unique identifier assigned to an individual, partnership or corporation responsible for the transportation of persons or property contained in the CMV by the State for any commercial carrier not eligible for a US DOT Number.	Y	Refer to MMUCC 6th Edition Data Element Name: V5. Motor Carrier or Responsible Entity Identification Element (Definition: The identification number (or numbers) of the business entity, individual, partnership, corporation, or organization responsible for the transportation of people or	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash208	VEHICLE CMV INFO	Lessee Lessor Name	Provide support for the entry and maintenance of a field to identify an individual, partnership, or corporation transporting persons or property contained in the CMV.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash209	VEHICLE CMV INFO	Lessee Lessor Address	Provide support for the entry and maintenance of a field to identify the address of an individual, partnership, or corporation transporting persons or property contained in the CMV.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash210	VEHICLE CMV INFO	Lessee Lessor City	Provide support for the entry and maintenance of a field to identify the address of an individual, partnership, or corporation transporting persons or property contained in the CMV.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash211	VEHICLE CMV INFO	Lessee Lessor State	Provide support for the entry and maintenance of a field to identify the address of an individual, partnership, or corporation transporting persons or property contained in the CMV.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash212	VEHICLE CMV INFO	Lessee Lessor Zip Code	Provide support for the entry and maintenance of a field to identify the address of an individual, partnership, or corporation transporting persons or property contained in the CMV.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash213	VEHICLE CMV INFO	Lessee Lessor US DOT Number	Provide support for the entry and maintenance of a field to identify the unique identifier assigned to an individual, partnership, or corporation transporting persons or property contained in the CMV, for any commercial carrier with a Gross Vehicle Weight Rating equal to or greater than 10,001 pounds or designed to carry greater than eight passengers, including the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash214	VEHICLE CMV INFO	Lessee Lessor State ID Number	Provide support for the entry and maintenance of a field to identify the unique identifier assigned to an individual, partnership or corporation transporting persons or property contained in the CMV by the State for any commercial carrier not eligible for a US DOT Number.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash215	VEHICLE CMV INFO	Carrier Classification	Provide support for the entry and maintenance of a field to identify the category of operating authority for the entity recorded in the Carrier Name.	Y	Refer to MMUCC 6th Edition Data Element Name: V6. Type of Motor Carrier or Responsible Entity Element (Definition: The type of business entity, individual, partnership, corporation, or organization responsible for the transportation of people or	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. This information could be prefill based on US DOT validation sources.
Crash216	VEHICLE CMV INFO	Carrier Information Source	Provide support for the entry and maintenance of a field to identify the source of the Commercial Carrier Information provided on this page.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash217	VEHICLE CMV INFO	Carrier Information Source – Other	Provide support for the entry and maintenance of a field to identify the source of the Commercial Carrier Information provided on this page.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash218	VEHICLE CMV INFO	Placard Number – Top	Provide support for the entry and maintenance of a field to identify the type of hazardous material the CMV was carrying, regardless of whether a spill occurred. The system shall provide a field to record the Hazardous Materials Placard Top Number (hazard class/division) when a vehicle is placarded. The value shall be validated against the list of DOT hazard classes and divisions in 49 CFR.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar validation functionality as part of our other statewide crash solutions for harazdous materials.
Crash219	VEHICLE CMV INFO	Placard Number – Bottom	Provide support for the entry and maintenance of a field to identify the type of hazardous material the CMV was carrying, regardless of whether a spill occurred. The system shall provide a field to record the Hazardous Materials Placard Bottom Number (UN/NA four-digit number) when a vehicle is placarded. The value shall be validated as a four-digit numeric code that matches the Hazardous Materials Table in 49 CFR.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar validation functionality as part of our other statewide crash solutions for harazdous materials.
Crash220	VEHICLE CMV INFO	Release of Hazardous Materials	Provide support for the entry and maintenance of a field to indicate whether the vehicle's hazardous material was spilled from its cargo compartment.	Y	Refer to MMUCC 6th Edition Data Element Name: Hazardous Materials (Definition: Indication of the hazardous materials identification and class being transported by the motor vehicle, and whether hazardous materials were	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash221	VEHICLE CMV INFO	CRTS Crash	Provide support for the entry and maintenance of a field to identify crashes occurring on specially designated CRTS Routes.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. If this data is in the LRS map layers, then we can validate against it.
Crash222	VEHICLE CMV INFO	CMV Configuration	Provide support for the entry and maintenance of a field to indicate the general size and design of this motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash223	VEHICLE CMV INFO	Commercial Cargo Body Type	Provide support for the entry and maintenance of a field to record the CMV's primary cargo carrying capability.	Y	Refer to MMUCC 6th Edition Data Element Name: V15. Cargo Body Type (Power Unit Only) Element (Definition: The primary cargo-carrying capability of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash224	VEHICLE CMV INFO	GVWR - Power Unit	Provide support for the entry and maintenance of a field to indicate the weight recommended by the vehicle's manufacturer to be the recommended maximum loaded weight of the power unit.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash225	VEHICLE CMV INFO	GCWR - All Units	Provide support for the entry and maintenance of a field to indicate the weight recommended by the vehicle's manufacturer to be the total of the recommended maximum loaded weights of all units of a combination (articulated) motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash226	VEHICLE CMV INFO	Last Known Commodity	Provide support for the entry and maintenance of a field to identify the last known commodity carried by this CMV.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash227	VEHICLE CMV INFO	Cargo Compartment Empty or Full	Provide support for the entry and maintenance of a field to indicate whether the CMV was loaded at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash228	VEHICLE CMV INFO	# of Passengers in CMV	Provide support for the entry and maintenance of a field to indicate the number of passengers in a commercial motor vehicle.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash229	VEHICLE CMV INFO	Passenger Permission	Provide support for the entry and maintenance of a field to indicate whether the passengers of a commercial motor vehicle were traveling with written permission of the carrier.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash230	VEHICLE CMV INFO	CMV Self Insured	Provide support for the entry and maintenance of a field to indicate whether the commercial motor vehicle involved in the crash was self-insured.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash231	VEHICLE CMV INFO	Proof of Self Insurance	Provide support for the entry and maintenance of a field to indicate whether the commercial motor vehicle involved in the crash was self-insured.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash232	PERSON INVOLVED INDIVIDUALS	Individual Number	Provide support for the entry and maintenance of a field to assign a unique identifying number to each individual involved in a crash. **Comments**: • Semantically, Individual Number defines individuals that may exist in multiple contexts, and the solution will need to accommodate these. For example: • Each individual involved in a crash will need to be identified with a unique number (1-n) to identify the person/individual • An individual can be a driver, passenger, vehicle/trailer owner, or non-motorist, and will be associated with a Vehicle Number that uniquely identifies the vehicle in each crash record • As a driver, the driver's credentials will need to be captured • As a driver, any violation and/or	Y	Refer to MMUCC 6th Edition Data Element Name: P1. Person Number. (Definition: This element identifies a number for the motor vehicle occupant in the motor vehicle they occupied, or for each non-motorist, in consecutive order.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash233	PERSON INVOLVED INDIVIDUALS	Reporting Agency Record Number	Provide support for the entry and maintenance of a field to record an agency-specific, unique identifier for the given year that identifies the crash report.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	This functionality is incorporated in multiple of Coplogic's statewide crash solutions. See Req. #Crash1 for details.
Crash234	PERSON INVOLVED INDIVIDUALS	Last Name	Provide support for the entry and maintenance of a field to identify person involved in crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P2. Name of Person Involved (Definition: A data element to record the name of the individual involved in the crash.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash235	PERSON INVOLVED INDIVIDUALS	First Name	Provide support for the entry and maintenance of a field to identify person involved in crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P2. Name of Person Involved (Definition: A data element to record the name of the individual involved in the crash.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash236	PERSON INVOLVED INDIVIDUALS	Middle Initial	Provide support for the entry and maintenance of a field to identify person involved in crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P2. Name of Person Involved (Definition: A data element to record the name of the individual involved in the crash.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash237	PERSON INVOLVED INDIVIDUALS	Suffix	Provide support for the entry and maintenance of a field to identify person involved in crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P2. Name of Person Involved (Definition: A data element to record the name of the individual involved in the crash.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash238	PERSON INVOLVED INDIVIDUALS	Occupant/Person Type	Provide support for the entry and maintenance of a field to identify the role of an individual involved in a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P5. Person Type Element (Definition: The role of this person involved in the crash)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash239	PERSON INVOLVED INDIVIDUALS	Social Security	Provide support for the entry and maintenance of a field to record the Social Security Number of the individual involved in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. While we have not previously seen a need for this type of field from our other statewide customers, we can accommodate this.
Crash240	PERSON INVOLVED INDIVIDUALS	Date of Birth	Provide support for the entry and maintenance of a field to identify the birthdate of the involved individual.	Y	Refer to MMUCC 6th Edition Data Element Name: P3. Date of Birth (Definition: A data element to record the date of birth of the person involved in this crash.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash241	PERSON INVOLVED INDIVIDUALS	Age	Provide support for the entry and maintenance of the age of the involved individual at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash242	PERSON INVOLVED INDIVIDUALS	Gender	Provide support for the entry and maintenance of a field to identify the sex of the person involved in the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P4. Sex or Gender (Definition: A data element to record the sex or gender of the person involved in the crash.)	H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash243	PERSON INVOLVED INDIVIDUALS	Person Special Function	Provide support for the entry and maintenance of a field to record whether this person involved in the crash was performing a unique function at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P6. Special Function Element (Definition: Identifies if this person involved in the crash was performing a unique function at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash244	PERSON INJURY	Injury Severity	Provide support for the entry and maintenance of a field to indicate the injury severity level for an individual involved in a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P7. Injury Status (Definition: Identifies the injury severity level for a person involved in a crash using the KABCO scale.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash245	PERSON INJURY	Medical Transport	Provide support for the entry and maintenance of a field to indicate whether and by whom an individual was transported from the crash scene for medical treatment.	Y	Refer to MMUCC 6th Edition Data Element Name: P8. Transported to First Medical Facility By (Definition: A data element for the Type of unit providing transport to the first medical facility receiving the patient)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash246	PERSON INJURY	EMS Response Agency ID	Provide support for the entry and maintenance of a field to identify the EMS Agency responsible for transporting an individual.	Y	Refer to MMUCC 6th Edition Data Element Name: P9. EMS Response Agency Element (Definition: The agency identifier and run number of the EMS agency that responded to this crash and attended to this person.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash247	PERSON INJURY	EMS Run Number	Provide support for the entry and maintenance of a field that uniquely identifies the EMS Response Run Number for an individual.	Y	Refer to MMUCC 6th Edition Data Element Name: P9. EMS Response Agency Element (Definition: The agency identifier and run number of the EMS agency that responded to this crash and attended to this person.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash248	PERSON INJURY	Receiving Medical Facility Name	Provide support for the entry and maintenance of a field to identify the health care facility which received an individual for medical treatment who was involved in a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P10. Medical Facility Receiving Patient Element (Definition: Name of the first hospital, clinic, or trauma center that received the patient for treatment.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash249	PERSON INJURY	EMS UUID	Provide support for the entry and maintenance of a field to record the Universally Unique Identifier of the EMS patient care report for this person.	Y	Refer to MMUCC 6th Edition Data Element Name: P11. EMS UUID Element (Definition: The Universally Unique Identifier of the EMS patient care report for this person.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash250	PERSON INJURY	EMS Notified Time	Provide support for the entry and maintenance of a field to indicate the time at which a particular EMS unit was first called to the scene of a crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash251	PERSON INJURY	EMS Scene Time	Provide support for the entry and maintenance of a field to indicate the time at which this particular EMS unit arrived at the scene of a crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash252	PERSON INJURY	EMS Hospital Time	Provide support for the entry and maintenance of a field to indicate the time at which this particular EMS unit arrived at the receiving facility.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash253	PERSON INJURY	Date of Death	Provide support for the entry and maintenance of a field to indicate the date of death for an individual who died at the scene or within 30 days of being injured in a crash as a result of those injuries.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash254	PERSON INJURY	Time of Death	Provide support for the entry and maintenance of a field to indicate the time at which an individual, who died as a result of injuries received in a crash, died.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash255	PERSON INJURY	Place of Death	Provide support for the entry and maintenance of a field to indicate the location at the time of their death of the person who died as a result of injuries received in a crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash256	PERSON DRIVER CREDENTIALS	Driver Same as Vehicle Owner	Provide support for the entry and maintenance of a field to indicate whether the driver is the same as the vehicle owner.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash257	PERSON DRIVER CREDENTIALS	Address	Provide support for the entry and maintenance of a field to indicate the point of contact (i.e., address) for drivers involved in a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: D2. Driver Address (Definition: A data element to record physical address of the driver of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash258	PERSON DRIVER CREDENTIALS	City	Provide support for the entry and maintenance of a field to indicate the point of contact (i.e., address) for drivers involved in a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: D2. Driver Address (Definition: A data element to record physical address of the driver of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash259	PERSON DRIVER CREDENTIALS	State	Provide support for the entry and maintenance of a field to indicate the point of contact (i.e., address) for drivers involved in a crash.	Y	Refer to MMUCC 6th Edition Data Element Name: D2. Driver Address (Definition: A data element to record physical address of the driver of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash260	PERSON DRIVER CREDENTIALS	Zip Code	Provide support for the entry and maintenance of a field to indicate the point of contact (i.e., address) for drivers involved in a crash. is vehicle.)	Y	Refer to MMUCC 6th Edition Data Element Name: D2. Driver Address (Definition: A data element to record physical address of the driver of this vehicle.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash261	PERSON DRIVER CREDENTIALS	Home Phone	Provide support for the entry and maintenance of a field to provide a point of contact (i.e., phone number) for drivers involved in a crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash262	PERSON DRIVER CREDENTIALS	Other Phone	Provide support for the entry and maintenance of a field to provide a point of contact (i.e., alternate phone number) for drivers involved in a crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash263	PERSON DRIVER CREDENTIALS	License Type	Provide support for the entry and maintenance of a field to identify the type of driving license issued to a driver, as well as indicates the classification of Commercial Vehicles for which a driver with a CDL license is permitted to operate.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash264	PERSON DRIVER CREDENTIALS	CDL Class	Provide support for the entry and maintenance of a field to indicate the CDL Class in which the driver is licensed.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash265	PERSON DRIVER CREDENTIALS	Issuing State	Provide support for the entry and maintenance of a field to identify the State in which the person's driving license was issued.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash266	PERSON DRIVER CREDENTIALS	License Number	Provide support for the entry and maintenance of a field to record the unique number assigned to a driver by the issuing agency.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash267	PERSON DRIVER CREDENTIALS	Lic Restriction - None	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash268	PERSON DRIVER CREDENTIALS	Lic Restriction - Corrective Lenses	Provide support for the entry and maintenance of a field to identify whether corrective lenses is a restriction placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash269	PERSON DRIVER CREDENTIALS	Lic Restriction - Mech Devices	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash270	PERSON DRIVER CREDENTIALS	Lic Restriction - Prosthetic Aid	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash271	PERSON DRIVER CREDENTIALS	Lic Restriction - Auto Transmission	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash272	PERSON DRIVER CREDENTIALS	Lic Restriction - Outside Mirror	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash273	PERSON DRIVER CREDENTIALS	Lic Restriction - Daylight Only	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash274	PERSON DRIVER CREDENTIALS	Lic Restriction - Employment	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash275	PERSON DRIVER CREDENTIALS	Lic Restriction - Accompanied by Adult	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash276	PERSON DRIVER CREDENTIALS	Lic Restriction - Limited Other	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash277	PERSON DRIVER CREDENTIALS	Lic Restriction - CDL Intrastate Only	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash278	PERSON DRIVER CREDENTIALS	Lic Restriction - Veh w/o Air Brakes	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash279	PERSON DRIVER CREDENTIALS	Lic Restriction - Military Veh	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash280	PERSON DRIVER CREDENTIALS	Lic Restriction - Except Class A Bus	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash281	PERSON DRIVER CREDENTIALS	Lic Restriction - Except Class A and B Bus	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash282	PERSON DRIVER CREDENTIALS	Lic Restriction - Except Tractor Trailer	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash283	PERSON DRIVER CREDENTIALS	Lic Restriction - Farm Waiver	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash284	PERSON DRIVER CREDENTIALS	Lic Restriction - Other	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash285	PERSON DRIVER CREDENTIALS	Lic Restriction - Other Specific	Provide support for the entry and maintenance of a field to identify restrictions placed on the driver by a license examiner at the time of licensing.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash286	PERSON DRIVER CREDENTIALS	License Endorsements 1 - 5	Provide support for the entry and maintenance of a field to indicate whether driver has successfully completed a specialized test that qualifies them to operate specific types of vehicles, allowing up to five (5) different entries.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash287	PERSON DRIVER CREDENTIALS	License Status	Provide support for the entry and maintenance of a field to indicate the status of the driving license at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash288	DRIVER CONDITIONS INFO	Driver Condition	Provide support for the entry and maintenance of a field to indicate the believed condition of the driver at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash289	DRIVER CONDITIONS INFO	Related Factors - Driver Level	Provide support for the entry and maintenance of a field to identify factors related to this driver.	Y	Refer to MMUCC 6th Edition Data Element Name: D10. Related Factors – Driver Level Element (Definition: Identifies factors related to this driver.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash290	DRIVER CONDITIONS INFO	Driver Action 1 - 4	Provide support for the entry and maintenance of a field to indicate the actions of a driver that in the reporting officer's opinion contributed to a crash, allowing up to four (4) values.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash291	DRIVER CONDITIONS INFO	Alcohol Suspected	Provide support for the entry and maintenance of a field to indicate law enforcement suspicion that the driver was under the influence of alcohol at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash292	DRIVER CONDITIONS INFO	Alcohol Test Given	Provide support for the entry and maintenance of a field to indicate whether a test was given to determine the presence of alcohol.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash293	DRIVER CONDITIONS INFO	Alcohol Test Type 1 - 2	Provide support for the entry and maintenance of a field to indicate the type of test used to collect alcohol concentration, supporting up to two (2) values.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash294	DRIVER CONDITIONS INFO	Alcohol Test Type – Other	Provide support for the entry and maintenance of a field to indicate the type of test used to collect alcohol concentration (as a freeform text field).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash295	DRIVER CONDITIONS INFO	PBT Results	Provide support for the entry and maintenance of a field to indicate whether the driver passed or failed a Preliminary Breath Test.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash296	DRIVER CONDITIONS INFO	Alcohol Test Results	Provide support for the entry and maintenance of a field to indicate the blood alcohol concentration found when the suspected impaired driver was tested.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash297	DRIVER CONDITIONS INFO	Drug Use Suspected	Provide support for the entry and maintenance of a field to indicate law enforcement suspicion that the driver was under the influence of drugs at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash298	DRIVER CONDITIONS INFO	Drug Test Given	Provide support for the entry and maintenance of a field to indicate whether a test was given to determine the presence of drugs.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash299	DRIVER CONDITIONS INFO	Drug Test Type	Provide support for the entry and maintenance of a field to indicate the type of test used to detect drugs.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash300	DRIVER CONDITIONS INFO	Driver - No Drugs Found	Provide support for the entry and maintenance of a field to indicate if drugs were found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash301	DRIVER CONDITIONS INFO	Driver – Marijuana	Provide support for the entry and maintenance of a field to indicate if marijuana was found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash302	DRIVER CONDITIONS INFO	Driver – Cocaine	Provide support for the entry and maintenance of a field to indicate if cocaine was found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash303	DRIVER CONDITIONS INFO	Driver – Opiate	Provide support for the entry and maintenance of a field to indicate if opiate was found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash304	DRIVER CONDITIONS INFO	Driver – Amphetamine	Provide support for the entry and maintenance of a field to indicate if amphetamine was found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash305	DRIVER CONDITIONS INFO	Driver – PCP	Provide support for the entry and maintenance of a field to indicate if PCP was found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash306	DRIVER CONDITIONS INFO	Driver - Other Controlled Substance	Provide support for the entry and maintenance of a field to indicate if another controlled substance was found in driver's system.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash307	DRIVER CONDITIONS INFO	Driver - Other Drug Found	Provide support for the entry and maintenance of a field to indicate the other drug found.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash308	DRIVER CONDITIONS INFO	Driver - Results Pending	Provide support for the entry and maintenance of a field to indicate if the drug results are pending. Provide a pull down box showing that the results are being completed by: State Police Lab, Hospital, or Other.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar drop down functionality as part of our other statewide crash solutions.
Crash309	DRIVER CONDITIONS INFO	Distracted By	Provide support for the entry and maintenance of a field to indicate driver distractions in or out of the vehicle that may have contributed to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: D6. Driver Distraction	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash310	DRIVER CONDITIONS INFO	Driver's Vision Obscured by	Provide support for the entry and maintenance of a field to record impediments to a driver's visual field.	Y	Refer to MMUCC 6th Edition Data Element Name: D8. Driver's Vision Obscured By Definition: This data element records impediments to a driver's visual field.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash311	DRIVER VIOLATION	DVio - No Violations	Provide support for the entry and maintenance of a field to indicate if there were violations given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash312	DRIVER VIOLATION	DVio - Negligent Homicide	Provide support for the entry and maintenance of a field to indicate if a negligent homicide violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash313	DRIVER VIOLATION	DVio - Reckless Driving	Provide support for the entry and maintenance of a field to indicate if a reckless driving violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash314	DRIVER VIOLATION	DVio - Inattentive, Careless Improper Driving	Provide support for the entry and maintenance of a field to indicate if a improper driving violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash315	DRIVER VIOLATION	DVio - Fleeing or Eluding Law Enforcement	Provide support for the entry and maintenance of a field to indicate if a fleeing or eluding law enforcement violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash316	DRIVER VIOLATION	DVio - Failure to Obey LE	Provide support for the entry and maintenance of a field to indicate if a failure to obey LE violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash317	DRIVER VIOLATION	DVio - Hit and Run, Failure to Stop	Provide support for the entry and maintenance of a field to indicate if a hit & run violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash318	DRIVER VIOLATION	DVio - Serious Violation Resulting in Death	Provide support for the entry and maintenance of a field to indicate if a serious violation that resulted in death was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. As discussed in Req. #Crash26, we bring a strong understanding of federal FARS requirements and understand that specialized processing is necessary when a crash report involves a fatality.
Crash319	DRIVER VIOLATION	DVio - DW Intoxicated or BAC Above Limit	Provide support for the entry and maintenance of a field to indicate if a DW intoxicated or BAC above limit violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash320	DRIVER VIOLATION	DVio - DW Impaired	Provide support for the entry and maintenance of a field to indicate if a DW impaired violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash321	DRIVER VIOLATION	DVio - DUI of Controlled Substance	Provide support for the entry and maintenance of a field to indicate if a DUI of Controlled Substance violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash322	DRIVER VIOLATION	DVio - DUI of Non- Controlled Substance	Provide support for the entry and maintenance of a field to indicate if a DUI of Non-Controlled Substance violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash323	DRIVER VIOLATION	DVio - Drinking While Operating	Provide support for the entry and maintenance of a field to indicate if a drinking while operating violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash324	DRIVER VIOLATION	DVio - Illegal Possession of Alcohol or Drugs	Provide support for the entry and maintenance of a field to indicate if an Illegal Possession of Alcohol or Drugs violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash325	DRIVER VIOLATION	DVio - Driving w/ Detectable Alcohol	Provide support for the entry and maintenance of a field to indicate if a Driving w/ Detectable Alcohol violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash326	DRIVER VIOLATION	DVio - Refusal to Submit to Chemical Test	Provide support for the entry and maintenance of a field to indicate if a Refusal to Submit to Chemical Test violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash327	DRIVER VIOLATION	DVio - Failure to Maintain Control of Vehicle	Provide support for the entry and maintenance of a field to indicate if a Failure to Maintain Control of Vehicle violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash328	DRIVER VIOLATION	DVio - Racing	Provide support for the entry and maintenance of a field to indicate if a Racing violation was given to the driver.	Y	Refer to MMUCC 6th Edition Data Element Name: D5. Speeding-Related Element (Definition: The investigating officer indicates that the driver involved in the crash was speeding.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash329	DRIVER VIOLATION	DVio - Speeding (Above SL)	Provide support for the entry and maintenance of a field to indicate if a Speeding violation was given to the driver.			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash330	DRIVER VIOLATION	DVio - Speed Greater than Prudent	Provide support for the entry and maintenance of a field to indicate if a Speed Greater than Prudent violation was given to the driver.	Y	Refer to MMUCC 6th Edition Data Element Name: D5. Speeding-Related Element (Definition: The investigating officer indicates that the driver involved in the crash was speeding.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash331	DRIVER VIOLATION	DVio - Exceeding Special Limit	Provide support for the entry and maintenance of a field to indicate if a Exceeding Special Limit violation was given to the driver.	Y	Refer to MMUCC 6th Edition Data Element Name: D5. Speeding-Related Element (Definition: The investigating officer indicates that the driver involved in the crash was speeding.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash332	DRIVER VIOLATION	DVio - Driving too Slowly	Provide support for the entry and maintenance of a field to indicate if a Driving too Slowly violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash333	DRIVER VIOLATION	DVio - Failure to Stop for Red Signal	Provide support for the entry and maintenance of a field to indicate if a Failure to Stop for Red Signal violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash334	DRIVER VIOLATION	DVio - Failure to Stop for Flashing Red Signal	Provide support for the entry and maintenance of a field to indicate if a Failure to Stop for Flashing Red Signal violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash335	DRIVER VIOLATION	DVio - Violation of Turn on Red	Provide support for the entry and maintenance of a field to indicate if a Violation of Turn on red violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash336	DRIVER VIOLATION	DVio - Failure to Obey Flashing Signal - Y or R	Provide support for the entry and maintenance of a field to indicate if a Failure to Obey Flashing Signal violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash337	DRIVER VIOLATION	DVio - Failure to Obey Signal - Generally	Provide support for the entry and maintenance of a field to indicate if a Failure to Obey Signal violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash338	DRIVER VIOLATION	DVio - Violation of RR Grade Crossing	Provide support for the entry and maintenance of a field to indicate if a Violation of RR Grade Crossing violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash339	DRIVER VIOLATION	DVio - Failure to Obey STOP Sign	Provide support for the entry and maintenance of a field to indicate if a Failure to Obey STOP Sign violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash340	DRIVER VIOLATION	DVio - Failure to Obey YIELD Sign	Provide support for the entry and maintenance of a field to indicate if a Failure to Obey YIELD Sign violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash341	DRIVER VIOLATION	DVio - Failure to Obey Traffic Control Device	Provide support for the entry and maintenance of a field to indicate if a Failure to Obey Traffic Control Device violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash342	DRIVER VIOLATION	DVio - Unsafe or Prohibited Lane Change	Provide support for the entry and maintenance of a field to indicate if a Unsafe or Prohibited Lane Change violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash343	DRIVER VIOLATION	DVio - Improper Use of Lane	Provide support for the entry and maintenance of a field to indicate if an Improper Use of Lane violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash344	DRIVER VIOLATION	DVio - Certain Traffic to Use Right Lane	Provide support for the entry and maintenance of a field to indicate if a Certain Traffic to Use Right Lane violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash345	DRIVER VIOLATION	DVio - Lane Violations Generally	Provide support for the entry and maintenance of a field to indicate if a Lane Violations Generally violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash346	DRIVER VIOLATION	DVio - Driving Wrong Way on 1 Way St	Provide support for the entry and maintenance of a field to indicate if a Driving Wrong Way on 1 Way St violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash347	DRIVER VIOLATION	DVio - Driving on Left, Wrong Side of Rd	Provide support for the entry and maintenance of a field to indicate if a Driving on Left, Wrong Side of Rd violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash348	DRIVER VIOLATION	DVio - Improper Unsafe Passing	Provide support for the entry and maintenance of a field to indicate if an Improper Unsafe Passing violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash349	DRIVER VIOLATION	DVio - Passing on Rt	Provide support for the entry and maintenance of a field to indicate if a Passing on Rt violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash350	DRIVER VIOLATION	DVio - Passing Stopped School Bus	Provide support for the entry and maintenance of a field to indicate if a Passing Stopped School Bus violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash351	DRIVER VIOLATION	DVio - Failure to Give Way	Provide support for the entry and maintenance of a field to indicate if a Failure to Give Way violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash352	DRIVER VIOLATION	DVio - Following Too Closely	Provide support for the entry and maintenance of a field to indicate if a Following Too Closely violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash353	DRIVER VIOLATION	DVio - Wrong Side, Generally	Provide support for the entry and maintenance of a field to indicate if a Wrong Side violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash354	DRIVER VIOLATION	DVio - Turn in Violation of Traffic Control	Provide support for the entry and maintenance of a field to indicate if a Turn in Violation of Traffic Control violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash355	DRIVER VIOLATION	DVio - Improper Method and Position of Turn	Provide support for the entry and maintenance of a field to indicate if an Improper Method and Position of Turn violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash356	DRIVER VIOLATION	DVio - Failure to Signal for Turn or Stop	Provide support for the entry and maintenance of a field to indicate if a Failure to Signal for Turn or Stop violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash357	DRIVER VIOLATION	DVio - Failure to Yield to Emerg Veh	Provide support for the entry and maintenance of a field to indicate if a Failure to Yield to Emerg Veh violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash358	DRIVER VIOLATION	DVio - Failure to Yield Generally	Provide support for the entry and maintenance of a field to indicate if a Failure to Yield Generally violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash359	DRIVER VIOLATION	DVio - Enter Intersection w/ Insufficient Space	Provide support for the entry and maintenance of a field to indicate if a Enter Intersection w/ Insufficient Space violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash360	DRIVER VIOLATION	DVio - DW License Suspended	Provide support for the entry and maintenance of a field to indicate if a DW License Suspended violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash361	DRIVER VIOLATION	DVio - Other License Restrictions	Provide support for the entry and maintenance of a field to indicate if a Other License Restrictions violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash362	DRIVER VIOLATION	DVio - Commercial Driver Violations	Provide support for the entry and maintenance of a field to indicate if a Commercial Driver Violations violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash363	DRIVER VIOLATION	DVio - Vehicle Registration Violations	Provide support for the entry and maintenance of a field to indicate if a Vehicle Registration Violations violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash364	DRIVER VIOLATION	DVio - Failure to Carry Insurance Card	Provide support for the entry and maintenance of a field to indicate if a Failure to Carry Insurance Card violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash365	DRIVER VIOLATION	DVio - Driving Uninsured Vehicle	Provide support for the entry and maintenance of a field to indicate if a Driving Uninsured Vehicle violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash366	DRIVER VIOLATION	DVio - Non-Moving Violations Generally	Provide support for the entry and maintenance of a field to indicate if a Non-Moving violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash367	DRIVER VIOLATION	DVio - Lamp Violations	Provide support for the entry and maintenance of a field to indicate if a Lamp violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash368	DRIVER VIOLATION	DVio - Brake Violations	Provide support for the entry and maintenance of a field to indicate if a Brake violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash369	DRIVER VIOLATION	DVio - Failure to Require Restraint Use	Provide support for the entry and maintenance of a field to indicate if a Failure to Require Restraint Use violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash370	DRIVER VIOLATION	DVio - MC Equipment Violations	Provide support for the entry and maintenance of a field to indicate if a MC Equipment violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash371	DRIVER VIOLATION	DVio - Vio of Haz Cargo Regs	Provide support for the entry and maintenance of a field to indicate if a Haz Cargo Regs violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash372	DRIVER VIOLATION	DVio - Size Wgt, Load Violations	Provide support for the entry and maintenance of a field to indicate if a Size Wgt, Load violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash373	DRIVER VIOLATION	DVio - Equip Vio Generally	Provide support for the entry and maintenance of a field to indicate if a Equip violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash374	DRIVER VIOLATION	DVio - Parking	Provide support for the entry and maintenance of a field to indicate if a Parking violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash375	DRIVER VIOLATION	DVio - Theft, Unauthorized Use of Veh	Provide support for the entry and maintenance of a field to indicate if a Theft, Unauthorized Use of Veh violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash376	DRIVER VIOLATION	DVio - Driving where Prohibited	Provide support for the entry and maintenance of a field to indicate if a Driving where Prohibited violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash377	DRIVER VIOLATION	DVio - Other Moving Violation	Provide support for the entry and maintenance of a field to indicate if an Other Moving violation was given to the driver.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash378	DRIVER VIOLATION	Citation Charge 1 - 4	Provide support for the entry and maintenance of a field to indicate a citation given to the driver not listed above, allowing up to four (4) entries and include the ability to start an Electronic Citation from this box that would import the date, time, driver, vehicle, etc.	Y	Refer to MMUCC 6th Edition Data Element Name: D9. Citations Issued Element (Definition: The violations, citations, or infractions of the State's vehicle code issued to this driver in this crash, regardless of whether the driver survived the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash379	DRIVER VIOLATION	Citation Code 1 - 4	Provide support for the entry and maintenance of a field to indicate the code of a citation given to the driver not listed above, allowing up to four (4) entries.	Y	Refer to MMUCC 6th Edition Data Element Name: D9. Citations Issued Element (Definition: The violations, citations, or infractions of the State's vehicle code issued to this driver in this crash, regardless of whether the driver survived the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash380	DRIVER VIOLATION	Citation Number 1 - 4	Provide support for the entry and maintenance of a field to indicate the number of a citation given to the driver not listed above, allowing up to four (4) entries.	Y	Refer to MMUCC 6th Edition Data Element Name: D9. Citations Issued Element (Definition: The violations, citations, or infractions of the State's vehicle code issued to this driver in this crash, regardless of whether the driver survived the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash381	DRIVER VIOLATION	Warning 1 - 4	Provide support for the entry and maintenance of a field to indicate if said citation was a warning, allowing up to four (4) entries.	Y	Refer to MMUCC 6th Edition Data Element Name: D9. Citations Issued Element (Definition: The violations, citations, or infractions of the State's vehicle code issued to this driver in this crash, regardless of whether the driver survived the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash382	DRIVER INVOLVED INDIVIDUALS INFO	Seating Position Row	Provide support for the entry and maintenance of a field to indicate the location of an individual in, on, or outside of the motor vehicle prior to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P13. Seating Position Element (Definition: The location for this occupant in, on, or outside of the motor vehicle prior to the first event in the SEQUENCE OF EVENTS.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. We also have built-in crash diagramming capabilities.

Crash383	DRIVER INVOLVED INDIVIDUALS INFO	Seating Position Seat	Provide support for the entry and maintenance of a field to indicate the location of an individual in, on, or outside of the motor vehicle prior to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P13. Seating Position Element (Definition: The location for this occupant in, on, or outside of the motor vehicle prior to the first event in the SEQUENCE OF EVENTS.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash384	DRIVER INVOLVED INDIVIDUALS INFO	Seating Position Other	Provide support for the entry and maintenance of a field to indicate the location of an individual in, on, or outside of the motor vehicle prior to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P13. Seating Position Element (Definition: The location for this occupant in, on, or outside of the motor vehicle prior to the first event in the SEQUENCE OF EVENTS.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash385	DRIVER INVOLVED INDIVIDUALS INFO	Occupant Protection Type	Provide support for the entry and maintenance of a field to indicate the restraint equipment in use by a vehicle occupant or helmet use by a motorcyclist, ATV Rider, etc. at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: P14. Restraint System Use Element (Definition: The restraint equipment in use by the occupant and any indication of improper use of the available restraint system at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash386	DRIVER INVOLVED INDIVIDUALS INFO	Occupant Protection Proper Use	Provide support for the entry and maintenance of a field to indicate whether the occupant protection being used by an individual was being used properly.	Y	Refer to MMUCC 6th Edition Data Element Name: P14. Restraint System Use Element (Definition: The restraint equipment in use by the occupant and any indication of improper use of the available restraint system at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash387	DRIVER INVOLVED INDIVIDUALS INFO	Approved Helmet (Helmet Use)	Provide support for the entry and maintenance of a field to indicate whether the helmet used by a motorcyclist, ATV Rider, etc. was an appropriate and approved helmet.	Y	Refer to MMUCC 6th Edition Data Element Name: P15. Helmet Use Element (Definition: Records the type of helmet in use, and any indications of misuse of the helmet, by motor vehicle occupants of MOTOR VEHICLE BODY TYPE CATEGORY All-Terrain Vehicle or All-Terrain Cycle (ATV or ATC), Snowmobile	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash388	DRIVER INVOLVED INDIVIDUALS INFO	Air Bag Deployed	Provide support for the entry and maintenance of a field to indicate airbag deployment, relative to an individual's seating position.	Y	Refer to MMUCC 6th Edition Data Element Name: P16. Air Bag Deployed Element (Definition: Deployment status of an air bag relative to the position in the vehicle for this occupant.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash389	DRIVER INVOLVED INDIVIDUALS INFO	Trapped-Extricated	Provide support for the entry and maintenance of a field to indicate whether an individual was trapped in the vehicle as a result of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash390	DRIVER INVOLVED INDIVIDUALS INFO	Ejected	Provide support for the entry and maintenance of a field to indicate whether an individual was completely or partially thrown from the interior of the motor vehicle.	Y	Refer to MMUCC 6th Edition Data Element Name: P17. Ejection Element (Definition: Identifies if the occupant was completely or partially thrown from the interior of the motor vehicle as a result of this crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash391	DRIVER INVOLVED INDIVIDUALS INFO	Ejection Path	Provide support for the entry and maintenance of a field to indicate the path through which an individual was ejected from the vehicle during a crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. We also have built-in crash diagramming capabilities.
Crash392	NON-MOTORIST	Unit Number of Striking Vehicle	Provide support for the entry and maintenance of a field to identify the vehicle which struck the non-motorist during the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM1. Vehicle Number of Motor Vehicle Striking Non-Motorist Element (Definition: Number assigned to identify the first motor vehicle that struck the non-motorist in the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash393	NON-MOTORIST	Action Prior to Crash	Provide support for the entry and maintenance of a field to identify the action of the non-motorist just prior to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM2. Non-Motorist Status Prior to Critical Event Element (Definition: The status of the non-motorist immediately prior to the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash394	NON-MOTORIST	Location Prior to Crash	Provide support for the entry and maintenance of a field to identify the location of the non-motorist just prior to the first harmful event of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. We also have built-in crash diagramming capabilities.
Crash395	NON-MOTORIST	Non-Motorist Distraction Element	Provide support for the entry and maintenance of a field to identify this non-motorist's attention prior to the non-motorist's involvement in this crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM3. Non-Motorist Distraction Element (Definition: Identifies this non-motorist's attention prior to the non-motorist's involvement in this crash. This element reports on the presence of any distractions that may or may not have contributed to	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash396	NON-MOTORIST	NM Contributing Action1	Provide support for the entry and maintenance of a field to identify the actions of the non-motorist at the time of the crash that may have contributed to the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM4. Non-Motorist Contributing Circumstances Element (Definition: The actions or circumstances of the non-motorist at the time of the crash that may have contributed to the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash397	NON-MOTORIST	NM Contributing Action2	Provide support for the entry and maintenance of a field to identify the actions of the non-motorist at the time of the crash that may have contributed to the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.
Crash398	NON-MOTORIST	NM Contributing Action - Narrative	Provide support for the entry and maintenance of a field to identify the actions of the non-motorist at the time of the crash that may have contributed to the crash.	Y	This data element has been defined based on the MMUCC 6th Edition requirement defined as "Other (explain in narrative)."Refer to MMUCC 6th Edition Data Element Name: NM4. Non-Motorist Contributing Circumstances Element (Definition: The actions or circumstances of the non-	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	See above.

Crash399	NON-MOTORIST	Location at Time of Crash	Provide support for the entry and maintenance of a field to identify the non-motorist's location with respect to the roadway at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM7. Non-Motorist Specific Location Element (Definition: The location of the non-motorist with respect to the trafficway at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. We also have built-in crash diagramming capabilities.
Crash400	NON-MOTORIST	Non-Motorist at Intersection	Provide support for the entry and maintenance of a field to identify the location of the non-motorist with respect to an intersection at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM05 Non-Motorist at Intersection Element (Definition: The location of the non-motorist with respect to an intersection at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. We also have built-in crash diagramming capabilities.
Crash401	NON-MOTORIST	Non-Motorist in Crosswalk	Provide support for the entry and maintenance of a field to identify the location of the non-motorist with respect to a crosswalk at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM06 Non-Motorist in Crosswalk Element (Definition: The location of the non-motorist with respect to a crosswalk at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. We also have built-in crash diagramming capabilities.
Crash402	NON-MOTORIST	NM Safety Equipment 1-2	Provide support for the entry and maintenance of a field to identify safety equipment, if any, being utilized by the non-motorist at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM8. Non-Motorist Safety Equipment Element (Definition: The safety equipment used by this non-motorist.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash403	NON-MOTORIST	Non-Motorist Device Type Element	Provide support for the entry and maintenance of a field to identify the type of transport device and motorization of the device operated by the non-motorist.	Y	Refer to MMUCC 6th Edition Data Element Name: NM 9. Non-Motorist Device Type Element (Definition: The type of transport device and motorization of the device operated by the non-motorist.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash404	NON-MOTORIST	NM Traffic Control Device 1-2	Provide support for the entry and maintenance of a field to indicates the type of traffic control device that was applicable to the non-motorist at the time of the crash.	Y	Refer to MMUCC 6th Edition Data Element Name: NM10. Non-Motorist Traffic Control Device Element (Definition: The traffic control device applicable to this non-motorist at the time of the crash.)	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash405	NON-MOTORIST	NM Condition at Time of Crash	Provide support for the entry and maintenance of a field to indicates the apparent condition of the non-motorist at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash406	NON-MOTORIST	Alcohol Suspected	Provide support for the entry and maintenance of a field to indicates law enforcement suspicion that a non-motorist was under the influence of alcohol at the time of the crash_.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash407	NON-MOTORIST	Alcohol Test Given	Provide support for the entry and maintenance of a field to indicates whether a test was given to determine the presence of alcohol.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash408	NON-MOTORIST	Alcohol Test Type1	Provide support for the entry and maintenance of a field to indicates the type of test used to collect alcohol concentration.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash409	NON-MOTORIST	Alcohol Test Results	Provide support for the entry and maintenance of a field to indicates the blood alcohol concentration found when the suspected impaired driver was tested.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Crash410	NON-MOTORIST	Drug Use Suspected	Provide support for the entry and maintenance of a field to indicates law enforcement suspicion that the non-motorist was under the influence of drugs at the time of the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash411	NON-MOTORIST	Drug Test Given	Provide support for the entry and maintenance of a field to indicates whether a test was given to determine the presence of drugs.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash412	NON-MOTORIST	Drug Test Type	Provide support for the entry and maintenance of a field to indicates the type of test used to detect drugs.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash413	NON-MOTORIST	Non-Motorist - Drug Test Results 1-4	Provide support for the entry and maintenance of a field to indicates the results of the test used to detect the presence of drugs.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash414	NON-MOTORIST	NM - Violation 1-4	Provide support for the entry and maintenance of a field to indicate any violations of the law that the reporting officer either suspects or knows were committed by the non-motorist. Does not necessarily indicate that a citation was issued for the violation(s).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash415	NON-MOTORIST	Citation Charge1	Provide support for the entry and maintenance of a field to indicates any citations issued to the non-motorist as a result of the crash investigation.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash416	NON-MOTORIST	Citation Code1	Provide support for the entry and maintenance of a field to indicates the code reference for the law that was violated.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash417	NON-MOTORIST	Citation Number1	Provide support for the entry and maintenance of a field to indicates the number of citation used.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash418	NON-MOTORIST	Warning1	Provide support for the entry and maintenance of a field to indicates if a warning was issued instead of a citation.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash419	DMV-LICENSE	DMV-LICENSE	Provide the ability to provide the ability to scan a state-issued Driver License (barcode/magnetic stripe/MRZ) to auto-populate all available license data fields.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications. We have provided auto-population functionality as described as part of our other statewide projects. As indicated in Req. #Crash81, Coplogic will support up to 3 different scanning devices across the State.

Crash420	DMV-LICENSE	DMV-LICENSE	Provide the ability to allow the officer to override, correct, or manually update any auto-populated DMV-License information.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash421	DMV-LICENSE	DMV-LICENSE	Provide the ability to support adding and managing passenger information, including name, date of birth, seating position, injury status, and ID/Driver License scan (if available).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash422	DMV-LICENSE	DMV-LICENSE	Provide the ability to maintain an audit log of all officer overrides or manual edits to DMV-License or passenger information			H	Meets the requirement out-of-the-box		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic's statewide systems include robust audit functionality that tracks all record changes.
Crash423	DMV-VEHICLE	DMV-LICENSE	Provide the ability to provide the ability to scan a vehicle registration document to auto-populate vehicle and owner information (VIN, plate, make/model, expiration, owner data).			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications. We have provided auto-population functionality as described as part of our other statewide projects. As indicated in Req. #Crash81, Coplogic will support up to 3 different scanning devices across the State.
Crash424	DMV-VEHICLE	DMV-LICENSE	Provide the ability to allow the officer to override or manually update any auto-populated vehicle or owner information.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash425	DMV-VEHICLE	DMV-LICENSE	Provide the ability to validate VIN, plate number, and expiration formats and flag inconsistencies for officer review.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions through validating against the DMV or incorporating a VIN decoder into the application.
Crash426	DMV-VEHICLE	DMV-LICENSE	Provide the ability to display a side-by-side comparison of scanned data and officer-entered data to resolve discrepancies in case of review.			H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
Crash427	DMV-VEHICLE	DMV-LICENSE	Provide the ability to support adding and maintaining an email address for drivers involved in the crash.			H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the crash form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.

Req. #	Category	Sub-Category/ Field Name	Business (Functional) Requirement	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
CIT1	Violator Information Management	Violator Information Management	Provide PDF417 barcode scanning for all 50 states and automatically fill in field values from a driver's license.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. Please note, Coplogic will support up to 3 different scanning devices across the State.
CIT1	Violator Information Management	Violator Information Management	Provide support for the entry and maintenance of a field to indicate if violator full name is complete.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT2	Violator Information Management	Violator Information Management	Provide support for the entry and maintenance of a field to indicate if address is complete.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT3	Violator Information Management	Violator Information Management	Provide support for the entry and maintenance of a field to indicate if date of birth, gender, height, weight, and eye color are complete.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT4	Violator Information Management	Violator Information Management	Provide support for the entry and maintenance of a field to indicate if drivers license information is complete.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT5	Violator Information Management	Violator Information Management	Provide support for the entry and maintenance of a field to indicate if GDL or permit type is captured.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT5	Violator Information Management	Violator Information Management	Provide PDF417 barcode scanning for all 50 states and automatically fill in field values from a vehicle registration or license plate.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. As mentioned in Req. #CIT1, Coplogic will support up to 3 different scanning devices across the State.
CIT6	Vehicle Information Management	Vehicle Information Management	Provide support for the entry and maintenance of a field to indicate if vehicle license plate information is complete.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT7	Vehicle Information Management	Vehicle Information Management	Provide support for the entry and maintenance of a field to indicate if VIN, make, model, color, and body style are complete.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT8	Vehicle Information Management	Vehicle Information Management	Provide support for the entry and maintenance of a field to indicate if vehicle owner/lessee information is recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT9	Vehicle Information Management	Vehicle Information Management	Provide support for the entry and maintenance of a field to indicate if CMV details are recorded when applicable.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT10	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if citation number is within an assigned block.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic's application will generate a unique citation identifier in the State's desired format, as we have done for multiple other statewide customers. Our solution can follow any formatting using a mask that will manage, issue and recycle unused numbers provided by the State.

CIT11	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if one violation is linked per charge.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT12	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if violation description is linked to WV Code or municipal ordinance.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT13	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if speeding details are recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT14	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if location details are recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT15	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if GPS coordinates are captured.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions. Coplogic has geo-location capabilities in all our statewide solutions.
CIT16	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if officer details are recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions. The system can auto-populate officer information based on the user login.
CIT17	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if type of roadway is recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions. Coplogic can integrate with the State's LRS so this information could be pulled in to the form if available in the dataset.
CIT18	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if citation includes mandatory in-person plea violations.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT19	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if citation includes an Out of Service Order violation.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT20	Violation Details	Violation Details	Provide support for the entry and maintenance of a field to indicate if citation includes Non-Resident Violators Compact applicability.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT21	Violation Details	Violation Details	Once a citation has been printed/issued, it should be locked down to eliminate the ability for it to be changed after the fact. Any additional changes will need to be handled through the disposition process.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT23	Violation Details	Violation Details	Provide the ability to print a citation in different formats (i.e. page size to accomodate mobile printers, full page printers, and print to PDF.		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

CIT24	Violation Details	Violation Details	Provide the ability to link citation to a crash report		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT25	Violation Details	Violation Details	Provide the ability for an agency reference to incident by free typing text box (i.e. agency reporting to associate this to a non-crash report incident number)		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT37	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if court name, address, and phone are captured.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions. Coplogic can integrate with the State's Court Management System.
CIT38	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if court appearance date is provided.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions. Coplogic can block out dates (such as court holidays) that should be avoided for scheduling purposes.

CIT39	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if violator acknowledgment signature is recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT40	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if plea choice is recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT41	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if court disposition is entered for each charge.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT42	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if conviction and reduced charge codes are entered.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT43	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if license action and fine amount are recorded.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT44	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if case numbers are linked to the citation.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT45	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if a citation was voided by an officer.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT46	Court & Disposition Information	Court & Disposition Information	Provide support for the entry and maintenance of a field to indicate if a citation was forwarded to WV DMV or WV Highway Safety Program or WV DNR.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar validation rule functionality as part of our other statewide solutions.
CIT47	Citation Location	Geo-location	Provide the ability to provide the officer the ability to geo-locate the citation using GPS at the point of issuance.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. Coplogic has geo-location capabilities in all our statewide solutions.
CIT48	Citation Location	Geo-location	Provide the ability to automatically map the captured location to roadway, route, milepoint, and jurisdiction attributes when LRS services are available.	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. Coplogic will integrate with the State's LRS.
CIT49	Citation Location	Geo-location	Provide the ability to allow the officer to override and manually adjust the location to match the correct Linear Referencing System (LRS) values (e.g., route ID, milepoint, direction, offset).	H	Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT50	Citation-DNR	DNR	Provide the ability to capture and maintain hunting/fishing license number and license type on Citations		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT51	Citation-DNR	DNR	Provide the ability to support the scanning of hunting/fishing licenses to auto-populate license fields (and allow override if necessary)		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

CIT52	Citation-DNR	DNR	Provide the ability to allow boat/watercraft information to be entered in place of in addition to vehicle information.		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT53	Citation-DNR	DNR	Provide the ability to capture and maintain a field to record state-mandated wildlife replacement costs, with manual entry of automated business rules.		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT54	Citation-DNR	DNR	Provide the ability to capture and maintain fields to document confiscated property (such as firearms, equipment, wildlife, etc.)		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT55	Citation-DNR	DNR	Provide the ability to capture and maintain officer notes for supplemental comments for court or agency review.		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
CIT56	Citation-DNR	DNR	Provide the ability to support notification routing to DNR, simliar to the existing WVDMV and Highway Safety Notifications.		Out-of-the-Box with configuration required to meet		N/A	eCitation Collection Tool & Citation Data Repository	N/A	Coplogic will design the citation form to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

Req. #	Category	Sub-Category	Business (Functional) Requirement	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
RFF1	Reports for Sale	Reports for Sale	The system shall support the generation of required reports that are optionally purchasable. Each agency can denote whether their crash reports are available for sale and at what price point (base report, charge per photo, charge per video, etc.). When payment is necessary, the system shall direct the user to the State Treasurer's Office website to complete the transaction, likely via a token and will wait for the Treasurer's Office to return the token with a status of "funds collected" or "funds not collected -- along with a reason code." The system shall not capture or store payment details, and reports shall only be released (for download) upon confirmation of successful payment from the Treasurer's Office.	H	Meets with modification to Base Code		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. Modifications to our base code would be related to the integration with the State Treasurer's Office for payment collection.
RFF2	Reports for Sale	Reports for Sale	Provide the capability of defining reports that agencies might offer for sale	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF3	Reports for Sale	Reports for Sale	Provide capability for each agency to opt in or out of selling reports (e.g., Y/N)	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions.
RFF4	Reports for Sale	Reports for Sale	Provide capability for each agency to opt in or out of specific pre-defined reports	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF5	Reports for Sale	Reports for Sale	Provide capability for each agency to set the selling price for each sellable report, attachments, photo, or video (if available)	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF6	Reports for Sale	Reports for Sale	Provide the capability of selling any combination of • Crash Reports • Crash Reconstruction • Other document types, such as attachments, pictures, videos, etc. For these types of add-ons, provide the ability to select single, multiple, or all.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF7	Reports for Sale	Reports for Sale	Provide the capability of defining fields to be redacted on these reports by the agency selling the report, based on business rules established by the agency	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications for business rules for redaction.
RFF8	Reports for Sale	Reports for Sale	Provide the ability for the agency to redact information on juveniles (minors)	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications for business rules for redaction.
RFF9	Reports for Sale	Reports for Sale	Provide the capability to define business rules which determine whether a report is eligible to be sold online or not	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & eCommerce Web Portal	N/A	Coplogic will design the system to meet WVDOT's specifications for business rules to determine if a report can be sold online.

RFF10	Report Features and Functions	General	Provide an Information Exchange option, able to be printed and distributed both at the crash scene and from the admin console that complies with WV State Code §17C-4-7(b), utilizing the information entered into this report Note: *§17C-4-7(b) Within 24 hours of a motor vehicle crash, the investigating law-enforcement officer shall provide the owner, operator, and insurance information upon request for all the involved parties to each of the other involved parties, and to each party's respective insurance agents. This information shall be made available, at no cost, whether or not the accident report has been completed.*	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF11	Report Features and Functions	General	Provide the ability to create information exchange report(s) for drivers involved in a crash	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF12	Report Features and Functions	General	Provide the ability to create a Reconstruction Report for a crash	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & Crash Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF13	Report Features and Functions	General	Provide pre-defined reports that are automatically generated and distributed (pushed to the user, report portal, etc.) to support day-to-day business functions; provide the necessary tools to configure reports, and copy existing reports as the basis for additional reports.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF14	Report Features and Functions	General	Provide sufficient control reports and proactive monitoring to ensure the operational integrity of business operations (e.g. control totals, record counts, brought forward/carried forward totals, etc.).	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF15	Report Features and Functions	General	Provide self-service reports and downloads that are either pre-defined and selected (pulled by the user) or created ad-hoc from a pre-populated user-friendly database structure using report tools commonly associated with data warehousing methodologies.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic's statewide solutions include comprehensive reporting functionality for authorized users. We routinely work with our statewide customers to design, create and ensure that statistical reports comply with their requirements and contain accurate data and calculations.
RFF16	Report Features and Functions	General	Provide interactive analysis capabilities that help decision makers use communication technologies, data, documents, knowledge, and analytical models to identify and solve problems.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF17	Report Features and Functions	General	Support pre-built data structures and data transformations through upgrades with new versions of and patches to the operational application suite.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic's statewide systems are designed for stability. It will support existing structures/transformations through upgrades.
RFF18	Report Features and Functions	General	Provide a reporting and analysis toolset that does not require knowledge and training on the toolset's proprietary language or configuration for most users (i.e., non-power users).	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. For example, we offer easy-to-use tools (data visualization, dashboard tools, mapping, etc.) for advanced statistical analysis to support road traffic safety decisions.

RFF19	Report Features and Functions	General	Provide a solution architecture to have 24-hour, 7-day-a-week access (excluding defined maintenance windows) to the reporting functions.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic's reporting and analytics tools is designed for high availability.
RFF20	Report Features and Functions	General	Support read-only access to data via Open Database Connectivity (ODBC) with appropriate security.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic can comply with this requirement. However, we recommend collaborating with the State to explore more current technology to meet your needs.
RFF21	Report Features and Functions	General	Support user access to predefined reports via the web without installation of client software, apps or any widgets 100% of the time, along with access to self-service reports and export/downloads via the web a minimum of 80% of the time.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
RFF22	Report Features and Functions	General	Leverage the roles and security definitions setup of the system solution within the reporting and business function to minimize duplication of security administration functions.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic generally leverages the same user profiles for access and security across the system.
RFF23	Report Features and Functions	General	Support utilization of the same system specifications (architectural landscape) that are required for the Crash and Citation Reporting operational platform for the reporting environment to the extent feasible.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic generally leverages the same architectural landscape for access and security across the system.
RFF24	Report Features and Functions	Report Portal	Provide users with a user specific personalized report portal that allows access to only those reports that the user is authorized to see consistent with role-based security definitions.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Many of Coplogic's statewide solutions support access based on roles-based privileges.
RFF25	Report Features and Functions	Report Portal	Provide access to rows and/or columns within the report to be restricted based on the user's role (e.g. the user can only view data according to their defined security role, etc.).	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. RBAC functionality will restrict access to report rows and/or columns based on user roles as described.
RFF26	Report Features and Functions	Report Portal	Provide a list of the reports that have been distributed / are available to the user via the portal (i.e. the user has been granted authorization to view a report by the designated report publisher/owner).	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF27	Report Features and Functions	Report Portal	List saved personalized reports and ad-hoc queries that the user has authority to either create or modify in the user's personal reports list.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF28	Report Features and Functions	Report Portal	Allow an authorized user to search the existing reports inventory and subscribe to reports after requesting and receiving permission from the report owner/publisher.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF29	Report Features and Functions	Report Portal	Allow for designated report publishers to un-publish reports to individual users or groups of users.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

RFF30	Report Features and Functions	Report Portal	Support users sharing saved personalized reports and ad-hoc queries for use by another user aligned with defined user roles.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF31	Report Features and Functions	Report Portal	Allow for users to delete shared reports from their personal reports list without deleting the shared report from another user's personal reports list.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF32	Report Features and Functions	Report Portal	Support a user refreshing (running) saved personal reports or ad-hoc queries from the portal with an option to run in the background and send a notification to the user upon completion.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF33	Report Features and Functions	Standard Report Features	Allow a user to execute reports and modify report query parameters on-line and allow a user to save modified report versions as personal versions without impacting the base query.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF34	Report Features and Functions	Standard Report Features	Support drill down from summary information to the supporting detail transactions and drill up from the detail transaction to the summary information where appropriate.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF35	Report Features and Functions	Standard Report Features	Provide the option, as part of drill down functionality, to print the expanded sections of the drill down results with the content of the original query results.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF36	Report Features and Functions	Standard Report Features	Link the report generator directly to the data dictionary to provide point and click data item selection and drag-and-drop formatting by the user.	H	modification to base code		N/A	Analytics/Reporting Portal	N/A	Coplogic can provide this functionality. However, we recommend collaborating with the State to determine the most optimal way meet your need.
RFF37	Report Features and Functions	Standard Report Features	Allow for a user to define or modify the sort order of reports.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF38	Report Features and Functions	Standard Report Features	Support searching for data, transactions or documents using a range of data values.	M	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF39	Report Features and Functions	Standard Report Features	Support searching, filtering, and reordering of data within a results set.	M	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF40	Report Features and Functions	Standard Report Features	Support free-form text searching that includes embedded, attached, or linked documents.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF41	Report Features and Functions	Standard Report Features	Support free-form text searching that includes the specification of words that are in a given range of words.	M	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

RFF42	Report Features and Functions	Standard Report Features	Support free-form text searching that includes the specification of wildcards (such as * and ? In strings) as well as %LIKE% string searches that provide a broader support for searching string fields.	M	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF43	Report Features and Functions	Standard Report Features	Allow for a user to save a personal copy for later execution of a pre-defined report with a set of specific selection criteria.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF44	Report Features and Functions	Standard Report Features	Support standard print capabilities such as those typically available in Windows-based products such as print preview, print a range of pages, print a number of copies, print to device, print to PDS, etc.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF45	Report Features and Functions	Standard Report Features	Allow for on-line reports to be run in the background and allow users to continue processing such that report results can then be accessed through the report portal with an online user notification provided when the report is generated.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF46	Report Features and Functions	Standard Report Features	Support scheduling a report to run automatically if certain conditions (business rules) are met, including event-triggered, day and time of week triggered, etc.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF47	Report Features and Functions	Standard Report Features	Support export of query and report results as an external database, word processing format (.doc or .docx), text file (.txt), standard portable flat file formats (comma delimited, tab delimited, etc.) with option to choose delimiter, XML, or JSON formats.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Our system supports data exports as part of our reporting and analytics portal.
RFF48	Report Features and Functions	Standard Report Features	Support report distribution based on events, process milestones, or predefined data thresholds or values, e.g., based on data values contained within the report (i.e., conditional operators >, <, =, etc.).	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF49	Report Features and Functions	Standard Report Features	Support distributing reports by a variety of methods such as sending links to reports via email, web, or push to mobile devices.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF50	Report Features and Functions	Standard Report Features	Support printing of reports on special forms.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF51	Report Features and Functions	Standard Report Features	Support effective date selection and query including Boolean operations such as date ranges.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF52	Report Features and Functions	Standard Report Features	Support incorporating derived field values into reports resulting from formulas, functions, and mathematical calculations.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

RFF53	Report Features and Functions	Standard Report Features	Allow an authorized user to create and specify report templates.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF54	Report Features and Functions	Standard Report Features	Provide wizards to guide the users through report building steps.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF55	Report Features and Functions	Standard Report Features	Support graphical report layout tools and drag-and-drop features to assist users in formatting reports and inquiries.	M	Out-of-the-Box with configuration required to meet		N/A	Analytics/Reporting Portal	N/A	Coplogic can provide this functionality. However, we recommend collaborating with the State to determine the most optimal way meet your need.
RFF56	Report Features and Functions	Standard Report Features	Support the use of unstructured data in query results (e.g., Microsoft® Word®, Microsoft® Excel®, scanned images, and other documents attached to transactions).	M	Out-of-the-Box with configuration required to meet		N/A	Analytics/Reporting Portal	N/A	Coplogic can provide this functionality. However, we recommend collaborating with the State to determine the most optimal way meet your need.
RFF57	Report Features and Functions	Standard Report Features	Support the creation of various charts from the reporting tool.	M	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF58	Report Features and Functions	Standard Report Features	Support linking from reporting tool to Microsoft Office or Google Workspace graphic, spreadsheet and presentation applications.	M	Out-of-the-Box with configuration required to meet		N/A	Analytics/Reporting Portal	N/A	Coplogic can support this certain safeguards in place (e.g., to ensure compliance with CJIS and/or DPPA requirements compliance for data access). We recommend working with the State to ensure the safety and reliability of the system.

RFF59	Report Features and Functions	Standard Report Features	Provide the ability to generate reports and notifications for Failure to Appear (FTA) and Failure to Pay (FTP) events to designated agencies.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF60	Management Reporting	Ad-hoc Query	Provide a robust ad-hoc query facility.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF61	Management Reporting	Ad-hoc Query	Support a user building ad-hoc queries to report on any fields in the Crash and Citation applications for which they are authorized using one or more or a combination of different criteria; provide online access to a data dictionary showing data element and table to assist.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF62	Management Reporting	Ad-hoc Query	Ensure that a user cannot access information through an ad-hoc query if they are not authorized to view this information in the operational Crash and Citation application.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF63	Management Reporting	Ad-hoc Query	Allow for a user to save an ad-hoc query for later execution without impacting any base query that was used as a start point.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF64	Management Reporting	Ad-hoc Query	Display a user's saved ad-hoc queries by the user-defined descriptive name on the user's report portal.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF65	Management Reporting	Ad-hoc Query	Allow for a user to authorize one or more additional users to have access to a saved ad-hoc query through the report portal.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF66	Management Reporting	Ad-hoc Query	Display any ad-hoc queries authorized by one user for use by a second user on the second user's report portal.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF67	Management Reporting	Ad-hoc Query	Support natural language (NL), i.e., English-like entry of ad hoc queries (such as using an LLM AI toolset to write sophisticated SQL (Structured Query Language) statements to create reports from the database.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF68	Reporting Architecture & Performance	Report Administration	Provide a solution architected to centrally manage the reporting tool set to ensure that any updates are distributed to users and that all users are accessing the same version of the reporting software.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF69	Reporting Architecture & Performance	Report Administration	Ensure the reporting solution is architected so system performance is not impacted when a large report or query is being run.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Our entire system, including the analytics/reporting portal is designed for high performance and availability.

RFF70	Reporting Architecture & Performance	Report Administration	Support scheduling, viewing and modifying the start time for batch printing including any dependencies on certain business conditions or events.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF71	Reporting Architecture & Performance	Report Administration	Allow the system administrator or other authorized user to define limits on the execution time for a report or query and/or the number of records/rows being retrieved.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF72	Reporting Architecture & Performance	Report Administration	Automatically cancel a query or report job if it fails to meet system administrator defined criteria (e.g., time limits, infinite loops, excessive pages, etc.).	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF73	Reporting Architecture & Performance	Report Administration	Allow the system administrator or other authorized user to terminate any query or report that significantly reduces system performance.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF74	Reporting Architecture & Performance	Report Administration	Allow the system administrator or other authorized user to override parameters for an individual query or report.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF75	Reporting Architecture & Performance	Report Administration	Support auditing of exports of report data and modifications to report definitions.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF76	Reporting Architecture & Performance	Report Administration	Support configuration of report definitions to suppress information based on a user's role and permissions.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
RFF77	Reporting Architecture & Performance	Report Administration	Report on user production statistics by user ID, time of day, length of job, etc. to determine who is viewing a report, what reports are being used and resources consumed by business unit/user.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. All reporting activity is logged.

Req. #	Category	Sub-Category	Business (Functional) Requirement	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
AA1	Application Architecture	General	Provide a solution that provides law enforcement with a tool for easily entering crash and citation information that is robust and effective --- filling in values based on the user profile (i.e., default values are automatically filled based on the identity of the end user), but support the ability for the user to override these default values as required. Anytime a default value has been overriden by the end-user, flag the record as such, indicating that the default was overridient or not accepted.	H	Out-of-the-Box with configuration required to meet	N/A	N/A	eCrash Collection Tool & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide crash solutions. To increase efficiency and the user experience, Coplogic's system, is designed to auto-populate fields whenever possible. Your users have the ability to override data that has been auto-populated.
AA2	Application Architecture	General	Provide a solution that implements logical edit checks across all relevant data fields to ensure data fidelity and data integrity. These edit checks must validate that values entered in one field are consistent with values entered in other related fields. Additionally, the system shall dynamically control field visibility, displaying only those fields that are logically related to prior user inputs. The system solution must: • Enforce cross-field validation rules that prevent contradictory, incomplete, or illogical data combinations. • Automatically reveal or hide dependent fields based on earlier selections or entries; • Ensure that only contextually valid values are available for selection in any dependent field; • Support complex multi-field logic (e.g., hierarchical, nested, or multi-variable conditions); • Provide real-time feedback to the end user when an entry violates a logical rule; and • Allow administrative configuration of	H	Out-of-the-Box with configuration required to meet	N/A	N/A	eCrash Collection Tool & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic will provide a robust data validation engine that embeds State-specific validation rules and edits that works to ensure accuracy and completeness of data. We have provided similar functionality as part of our other statewide crash solutions.
AA3	Application Architecture	Archiving	Provide reporting and analysis tools which guide the crash and citation data administrator in determining which data is appropriate and available (meaning there are no open related transactions that would inhibit good archive practices) to archive.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA4	Application Architecture	Archiving	Store asset related data for an indefinite period (e.g., some or all asset related data may be retained for an indefinite period, while other data may be able to be archived after certain user-defined periods based on record retention policies).	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. As standard practice, we collaborate with our state customers to define specific retention and archive features needed to ensure compliance with the state's record retention policy.

AA5	Application Architecture	Archiving	Allow an authorized user to mark records for deletion. Deleted records and attachments will be archived in the database with an indicator of "deleted".	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	To the extent permissible under relevant data retention requirements, authorized users will have the ability to delete crash reports. We typically control access to system modules based on user roles and permissions, which can be administered by designated agency staff. This approach provides or limits access to designated application functionality (such as the ability to read, write, modify, or delete information) as well as documents and/or records.
AA6	Application Architecture	Archiving	Allow an authorized user to unmark records which have been flagged in the database for deletion (maintaining referential integrity).	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA7	Application Architecture	Archiving	Support purge, archive, and restore of inactive records based on user-defined criteria and track history.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA8	Application Architecture	Archiving	Allow system administrator or other authorized user to define archiving criteria for different types of data	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA9	Application Architecture	Archiving	Support restoring of archived data by various parameters including the date range of the archiving process and other user-defined business rules.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA10	Application Architecture	Audit Trail	Maintain an audit trail of all user actions that update and access the database including at a minimum user ID, action performed, and time/date stamp; this includes any update via online, batch, web services or self-service functions.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's statewide solutions include robust audit functionality that complies with these requirements.
AA11	Application Architecture	Audit Trail	Support monitoring the audit trail logs via an auto alert based on user-defined business rules.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's statewide solutions include robust audit and alert functionality that can meet this need.
AA12	Application Architecture	Audit Trail	Support notifications via email to designated users when certain auditable events occur.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA13	Application Architecture	Audit Trail	Provide a timestamp and user ID of the system user when a record was last changed or inserted.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's statewide solutions include robust audit functionality that complies with these requirements.
AA14	Application Architecture	Audit Trail	Store the program ID of the program that inserted, deleted or last changed the record, along with the old and new value of the data changed. That is, provide full traceability for all inserts, changes, and deletes of content.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic logs all activities that occur with the system, whether that activity is performed by a user or the system itself.
AA15	Application Architecture	Audit Trail	Manage the retention and archiving of audit trails based on user-defined business rules.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA16	Application Architecture	Audit Trail	Maintain an audit trail of report execution including report requested, user requesting report and time/date stamp.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic logs all activities that occur with the system, whether that activity is performed by a user or the system itself.

AA17	Application Architecture	Document Management	Provide basic document management capabilities within the Crash and Citation applications (that is, the ability to store and link files to a master or transaction record, etc.).	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA18	Application Architecture	Document Management	Support configuring specific workflows or transactions to access different document locations based on the location of the document, either stored in the Crash and Citation applications or stored in the Department's enterprise document management systems / shared directory.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA19	Application Architecture	Document Management	Support purging or archiving a document or attachment without purging or archiving the related transaction. Record all changes to a transaction in a separate log (e.g., creation, revision, update, deletion).	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository	N/A	Coplogic will configure our purging/archiving process per WVDOT's specifications.
AA20	Application Architecture	Document Management	Provide an indicator within the user interface part of the system that there is one or more relevant documents associated with the displayed record that are stored in the Crash and Citation system; the user must be able to click on the indicator to retrieve and display the image/soft copy of the document.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA21	Application Architecture	Functions and Features	Support the importing/exporting of Google Sheets/Docs, Microsoft Office, and Microsoft Office365 objects as well as industry standard formats (.doc, .docx, .pdf, .txt, .csv, .xml, .json).	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA22	Application Architecture	Functions and Features	Support the generation of notifications (email messages/Texts) by the system based on various system/business events using standard e-mail protocols including but not limited to IMAP, MAPI, POP3, SMTP, etc.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar notification functionality as part of our other statewide solutions.
AA23	Application Architecture	Functions and Features	Support wildcard or partial searches.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided this search functionality as part of our other statewide solutions.
AA24	Application Architecture	Functions and Features	Support default of the value of a field based on the value of another field according to user-defined business rules.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, eCitation Collection Tool, Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA25	Application Architecture	Functions and Features	Provide user-defined data fields within each Crash and Citation function (estimated 10% of total defined fields in each major system function).	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, eCitation Collection Tool, Crash Data Repository, Citation Data Repository	N/A	Coplogic will design the crash and citation forms to meet WVDOT's specifications as described.
AA26	Application Architecture	Functions and Features	Track and store effective date changes throughout the systems and across modules.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Every change/activity is logged in the system

AA27	Application Architecture	Functions and Features	Utilize effective and expiration dates to version reference tables and data.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA28	Application Architecture	Functions and Features	Support mass changes to defined groups of transactions or data with appropriate audit trails.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic can support this but would strongly advise working with the State to confirm scope and downstream system impact of such changes.
AA29	Application Architecture	Functions and Features	Support back out (rollback) of previously entered batches and individual transactions.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	To ensure the integrity of the audit trail, our systems do not rollback any completed transactions (unless a transaction that is in process fails). Coplogic can reverse changes but these will be reflected as an updated rather than a rollback in the log.
AA30	Application Architecture	Functions and Features	Provide a sequential unique identifier for a batch.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Our statewide systems automatically assign identifiers.
AA31	Application Architecture	Functions and Features	Support use of bar code, QR code or RFID scanners with the proposed software solution to support data input for electronic identification of medical data (see MMUCC requirements for more detail). Allow the use of hand-held readers/printers to support all system transactions.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	Coplogic can support scanning and use of hand-held devices as described.
AA32	Application Architecture	Functions and Features	Suppport PDF471 scanning of driver's license		Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. As discussed throughout the 'Crash Reporting' tab, Please note, Coplogic will support up to 3 different scanning devices across the State.
AA33	Application Architecture	Functions and Features	Support PDF471 scanning of vehicle registration and/or license plate		Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	See above.
AA34	Application Architecture	Functions and Features	Support the use of the "print screen" function and export to standard formats (xls., doc, pdf, google sheet/doc, csv, pdf, xml, json, etc.) from any screen.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA35	Application Architecture	Functions and Features	Provide multi-language support with spell check and dictionary support, along with support for a user-defined dictionary of terms.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA36	Application Architecture	Functions and Features	Support set-up of user-defined and standard document, form and letter templates at either the Department-wide or department/business unit level for use throughout the Crash and Citation solutions with names, titles, labels, pre-defined backgrounds, etc.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

AA37	Application Architecture	Functions and Features	Support copying of a system item to create a new system item of the same type as a productivity tool to reduce manual data entry requirements.	M	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	Coplogic supports report/citation cloning.
AA38	Application Architecture	Functions and Features	Allow the system administrator or other authorized users to broadcast messages to all or a specific subset of system users.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA39	Application Architecture	Functions and Features	Support scheduling of broadcast messages with a start and end date/time.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

AA40	Application Architecture	Functions and Features	Support use of electronic signatures to initiate or approve a business event within the proposed software solution through authentication of the user to the system by entry of valid user credentials at the time the user signs on to the system. Record the application of electronic signatures in the record transaction log.	L	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA41	Application Architecture	Functions and Features	Integrate with Department specific standard email systems (at a minimum, Gmail and Microsoft Outlook).	L	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA42	Application Architecture	General	Share all related business information across functional areas and organizations (subject to application security and user-defined business rules).	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA43	Application Architecture	General	Provide an integrated data management structure that is utilized across the proposed software solution to minimize system processing or administration required on data integration points.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA44	Application Architecture	General	Provide user-controlled definition and maintenance of system values and business rules in tables without requiring programmer intervention.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will provide user-controlled definition and maintenance of system values and business rules to the extent possible. Coplogic will provide. At the same time and as explained in section 2.2.1 of the Technical Proposal, our priority is to ensure the stability and availability of the application. Based on our experience supporting large, mission-critical statewide systems, unrestricted changes to certain validation rules or core system settings can introduce unintended performance impacts. Coplogic works with our statewide customers to perform such changes as part of our maintenance and support services.
AA45	Application Architecture	General	Support update of all related modules and tables with a single entry (e.g., a change to a project attribute or project status information is made only once but takes effect throughout the system).	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA46	Application Architecture	General	Allow the application administrator or other authorized users to manage and maintain system tables and data field values.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	As explained in Req. #AA44, Coplogic's priority is to ensure the stability and availability of the application. Based on our experience supporting large, mission-critical statewide systems, unrestricted changes to certain validation rules or core system settings can introduce unintended performance impacts. Coplogic works with our statewide customers to perform such changes as part of our maintenance and support services.
AA47	Application Architecture	General	Support the addition of user-defined fields that updates the supporting tables/queries as well as the screens.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository, Citation Data Repository & Analytics/Reporting Portal	N/A	See above.
AA48	Application Architecture	General	Support persistence in terms of field labels such that a screen label defined in one place would be referred to the same way everywhere.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.

AA49	Application Architecture	General	Perform transactions in real-time in the sense that online access will display the most current element value (e.g., if a user changes the value of a data element on one screen, the newly changed data value will be shown when the user moves to another screen with that element).	H	Meets the requirement out-of-the-box		N/A	All	N/A	The Coplogic system supports real time transactions as described.
AA50	Application Architecture	General	Edit all system input according to user-defined business rules so that the rules are appropriately applied, and data is validated at the time the data is being entered into the system either on-line or through a batch transaction.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool, & eCitation Collection Tool	N/A	Coplogic's statewide systems include a robust data validation engine with configurable business rules that works in real time.
AA51	Application Architecture	General	Support multiple concurrent application sessions for each user; each concurrent session must utilize the same security profile.	H	Meets the requirement out-of-the-box		N/A	All	N/A	This functionality is standard as part of our technology platform for statewide systems.
AA52	Application Architecture	General	Maintain security logs and audit trails distinctly for each concurrent user session.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic's statewide systems include robust audit tracking/logging of all activities performed by a user.
AA53	Application Architecture	General	Provide a metadata editor to modify/relabel terms, screen and field captions across the application, by department or line of business and/or by screen by role; user configured terms shall reflect on reports; retain original terms allowing revert; re-apply modified captions after upgrades/releases.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic strongly advises working with the State to provide any edits to ensure data integrity and avoid any unintended downstream effects. This support is provided as part of our support and maintenance. Making such changes without Coplogic could have ramifications on our proposed service levels/liability.
AA54	Application Architecture	General	Provide the application administrator or other authorized user with screen layout configuration capabilities including movement of fields around a screen and/or across tabs, removal of fields, addition of user-defined fields, reorder or consolidation of tabs, buttons to enable prints and selection of related reports, links to other business objects (e.g., project records, contract records, project contacts, etc.).	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	As explained in Req. #AA44, Coplogic's priority is to ensure the stability and availability of the application. Coplogic generally works with our statewide customers to perform such changes as part of our maintenance and support services to ensure best practice and compliance with ant applicable regulations.
AA55	Application Architecture	General	Comply with the Rehabilitation Act of 1973 and Americans with Disabilities Act (ADA) Section 508 standards for accessibility for all system functions; comply with the latest version of the Web Content Accessibility Guidelines (WCAG) and ensure the Crash and Citation applications can work with industry leading assistive technology products such as screen readers. All screens/windows/forms accessible to the public must be WCAG 2.1 Level AA compliant.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the solution to comply with WCAG 2.1 Level AA guidelines that are applicable. Coplogic has previously developed several statewide solutions that comply with agreed upon accessibility requirements.
AA56	Application Architecture	General	Support encryption or masking of any fields with access restricted to authorized users by department/business unit and role and responsibility.	L	Out-of-the-Box with configuration required to meet		N/A	All	N/A	As standard, Coplogic's statewide solutions use encryption per the specifications of our state customers.

AA57	Application Architecture	General	Support indicating at the field level user classes or individual users who are authorized to view masked or encrypted fields.	L	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic supports field access based on roles and privileges as described.
AA58	Application Architecture	General	Provide support for field-level "Tool Tips" feature.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	As a standard practice, Coplogic designs our statewide solutions to be intuitive to end users. We also incorporate information and resources within our solutions that users can reference as needed for guidance. For example, Coplogic can include contextual in-application "help" text, definitions, and tips for fields.
AA59	Application Architecture	Help	Provided a centrally stored and maintained system wide help function.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA60	Application Architecture	Help	Provide context-sensitive, field-level on-line help features for all screen elements, screen errors and error codes, along with the ability for an authorized user to make revisions to these on-line help features and content.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Our proposed system for WVDOT will incorporate helpful content and efficiency-driving features to assist the user in processing transactions. Our goal will be to enable users to obtain assistance within the context of their workflows. Examples include: • Contextual in-application "help" text, definitions, and tips for fields. • The ability to click over to pop-up explanations. • Answers to frequently asked questions (FAQ). • Easy access to training manuals, general guidance, and documentation. • Links to tutorials. • Summary and detailed descriptions messages related to data errors with suggestions on resolutions. For instance, other Coplogic statewide crash reporting solutions include pop-over help text that designated system administrator(s) can configure through the solution's Administrative Module on a self-service basis. This capability allows the administrator to add (and as needed, modify) help text related to crash report forms and report processing.
AA61	Application Architecture	Help	Identify processing or navigation path for a screen.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA62	Application Architecture	Help	Provide user documentation that is comprehensive, clear and easy to use (e.g., user documentation must provide quick answers to questions regarding the navigation of application screens, execution of pre-defined reports, and use of the ad-hoc query capability); it must also contain clear and thorough descriptions of all screen and batch processing functions, screen data, programs, system reports, and any processing parameters.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	As a standard practice for our statewide solution engagements, Coplogic develops and provides comprehensive training materials and manuals.
AA63	Application Architecture	Help	Provide comprehensive search functions for on-line documentation, including search strings with wild cards, and linked content by topic area.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA64	Application Architecture	Help	Provide table-driven error message handling that can be modified by authorized users.	M	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA65	Application Architecture	Help	Ensure any customized help files carry forward automatically during upgrades.	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	System updates will not disrupt configurable settings/workflows.

AA66	Application Architecture	Security	Integrate with Active Directory, the State of West Virginia specific identification and authentication systems and processes to allow for access to the Crash and Citation through a single user sign-on to the Department network.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic's proposed solution will integrate with Active Directory (AD) to provide a single sign-on (SSO) process that enables authorized State users to access the system through an existing AD username and password. On other statewide public safety solutions, we have previously used Microsoft's Active Directory Federated Services (ADFS) for authentication and authorization to our clients' security needs and password security specifications.
AA67	Application Architecture	Security	Comply with the WVDOT and any applicable State of West Virginia, United States Department of Transportation (USDOT), National Highway Transportation Safety Administration (NHTSA), Model Minimum Uniform Crash Criteria (MMUCC), and Homeland Security Administration security policies. Conform to the requirements in the State of West Virginia Office of Technology Information Security Policy at https://librarycommission.wv.gov/Librarian/Documents/SecurityPol0107.pdf	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will comply with all applicable security requirements.
AA68	Application Architecture	Security	Comply with the encryption requirements in Information Exchange Package Documentation (IEPD) standards.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will comply with these encryption standards.
AA69	Application Architecture	Security	Comply with ISO/IEC 15408: Common Criteria for Information Technology Security Evaluation.	H	Meets the requirement out-of-the-box		N/A	All	N/A	This is part of Coplogic's standard compliance measures, and will be included as part of StateRAMP certification.
AA70	Application Architecture	Security	Support secure hypertext transfer protocol (HTTPS).	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic typically utilizes HTTPS/SSL for encryption of data in transit.
AA71	Application Architecture	Security	Comply with FEDRAMP requirements.	H	Meets with modification to Base Code		N/A	All	N/A	In accordance with Question #11 of Addendum 1, Coplogic will comply with StateRAMP standards. We believe StateRAMP is appropriate for this project and provides a security framework well aligned with WVDOT's requirements. Coplogic specializes in statewide public safety applications and proposes to host the solution in AWS GovCloud, which is compatible with FedRAMP standards.
AA72	Application Architecture	Security	Support role-based security and privileges and access rights by position and department/business unit.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic's statewide solutions support RBAC based upon agency, job function and reporting hierarchy.
AA73	Application Architecture	Security	Support granular management and administrator control over transactions, forms access, field updates, row locking, interfacing events, data queries and other types of authorizations using role-based security.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA74	Application Architecture	Security	Provide for a security administrator function/role that allows for separate controls for view, add, change, inactivate update, approve, and query access privileges.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	See above.
AA75	Application Architecture	Security	Support secure communications authentication, authorization, confidentiality and data integrity (e.g. HTTPS, SSL) for internet-based transactions and/or support for FIPS 140-2 data encryption for system transactions.	H	Meets the requirement out-of-the-box		N/A	All	N/A	As a standard practice, Coplogic's statewide crash data solutions use encryption per the specifications of our statewide clients. We bring to this engagement prior experience in handling credit card processing in compliance with strict PCI DSS standards. We propose that the Crash Data System use HTTPS/SSL for encryption in transit and NIST FIPS 140-2 compliant AES 256-bit encryption of data in motion.

AA76	Application Architecture	Security	Support role-based security for automated workflow components including establishing access and update privileges for work lists, page access related to the selection of a word list item, and definition of which users are included workgroups. This should include roles for crash, citation, and DNR-based roles and permissions.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA77	Application Architecture	Security	Allow the system administrator or other authorized user to define users to the system, including the following information about each user: unique user identification; user first name; user last name; department/business unit; user email address and effective date of user access to the system.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Coplogic's statewide solution enable designated system administrators to configure/define user roles and profiles.
AA78	Application Architecture	Security	Allow the system administrator or other authorized user to define user access groups based on job responsibilities to ensure separation of duties; the system administrator must enter the user group name, a user group code and a description of the role and capabilities of the user group.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Coplogic's statewide solution enable designated system administrators to configure user groups, which determines access.
AA79	Application Architecture	Security	Allow the system administrator or other authorized user to grant user groups access to each system function and to establish the type of access to be allowed (add, change, inquire, retire, delete) and establish an effective start and end date for this access.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	The Administrative Portal component of Coplogic's proposed solution will have features designed to allow authorized System Administrators to manage user profiles and permissions. The system will let delegated administrators view, add, modify, and delete user access, including the capacity of add other System Administrators. Our technology platform offers intuitive roles-based access controls as base functionality. The type, complexity, and different levels of system administration roles are configurable to the unique needs of our statewide customers.

AA80	Application Architecture	Security	Allow the system administrator or other authorized user to assign users to one or more user groups including an effective date	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA81	Application Architecture	Security	Log incidents of security violations within the system capturing user identification, system function for which unauthorized access was attempted and date and time of security violation.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will architect the solution to WVDOT's security specifications. As standard, our statewide solutions log all security incidents. To safeguard security logs and audit trails from tampering or unauthorized modification, we envision placing those items into protected areas.
AA82	Application Architecture	Security	Provide an online function for review of the logs of invalid password attempts or security violations by the system administrator or other authorized users.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	In the Administrative Portal, designated users can review security and audit logs, including histories of unsuccessful login attempts.
AA83	Application Architecture	Security	Apply the system security roles and privileges to report and ad-hoc query results such that users cannot access data through reports and queries for which they are not authorized in the operational system.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA84	Application Architecture	Security	Support access to the Crash and Citation solutions by authorized third-party business partners through virtual private network and/or Internet self-service portal capabilities, subject to the Department security procedures for external access.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA85	Application Architecture	Security	Allow users to choose from multiple user groups/roles as sign-on if the user is assigned more than one role.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA86	Application Architecture	Security	Allow system administrator or other authorized user to define the allowable period for user inactivity while logged on.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Coplogic's solution for WVDOT will include configurable inactivity period before lockout.
AA87	Application Architecture	Security	Disconnect or log out a user session when it exceeds the allowable period of inactivity as established by the system administrator and configured in the system.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	See above. Users will be automatically logged out after the determined period has passed.
AA88	Application Architecture	Security	Warn users that they will be disconnected before automatically logging off users.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA89	Application Architecture	Security	Support trusted, secure access to external links (for repair manuals, parts lists, etc.).	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. This is typical for our statewide systems.
AA90	Application Architecture	Security	Provide that if two distinct security roles are needed to perform a business function and both roles are held by the same user, the user must log on separately under each security role to perform the full business transaction.	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA91	Application Architecture	Security	Allow authorized Department managers to use a workflow within Crash and Citation (including DNR citatioins) to request employee access privileges to specific system functions and obtain management approval based on enterprise and business unit rules for this access; based on the Department management approvals, request will then be forwarded to the system administrator or other authorized user for review and potential action.	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar workflow functionality in our other statewide solutions.

AA92	Application Architecture	Security	Allow a system administrator or other authorized user to define or reset a user's password by entering a password or selecting a system generated unique, random temporary password; password must be capable of being emailed upon a change and through self-service based on a user successfully answering challenge questions. Note in the system log that a change to a user password occurred on a specific date/time stamp.	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar administrative functionality for password resets in our other statewide solutions.
AA93	Application Architecture	Security	Allow external users to reset their own password using standard password reset protocols to validate the identity of the user. Internal Department users shall change their password through the Department's identity management system.	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar functionality for password resets in our other statewide solutions.
AA94	Application Architecture	Security	Support the use of security challenge questions for authenticating a user, as well as allow for users to provide and store unique answers for a subset of these security challenge questions to be subsequently used if a user forgets a password.	M	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic has provided similar functionality as part of our other statewide solutions. It will depend on the Authentication provider.
AA95	Application Architecture	Security	Support digital certificates.	L	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic has provided similar functionality as part of our other statewide solutions. It will depend on the Authentication provider.
AA96	Application Architecture	Security	Support public key infrastructure (PKI).	L	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic has provided similar functionality as part of our other statewide solutions. It will depend on the Authentication provider.
AA97	Application Architecture	Security	Personally Identifiable Information (PII) should be viewable or masked based on user role.(definable by the System Administrator).	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	As a standard practice and per information security and privacy best practices, Coplogic places great emphasis on securing PII. We will work with WVDOT to ensure that the system incorporates appropriate functionality to secure PII and limit access to authorized users. Our typical solution design approach is to build our statewide solutions so that users can only access data for which they have permission. Through our MOTS approach, we configure statewide crash solutions to meet the needs of our state partners. Additionally, Coplogic has experience with incorporating functionality for redacting sensitive data (like PII) within our other statewide public safety data solutions.
AA98	Application Architecture	Security	Support integrating with identify management systems utilized by local agencies; further, the applications must also be able to support local users where there are no SSO capabilities to conform to.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar support for SSO for our other customers.
AA99	Application Architecture	Security	Support the ability for any given user to have one or more assigned roles.	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Users can be assigned to more than one role as part of Coplogic's statewide solutions.
AA100	Application Architecture	Security	Support the ability for any authorized user to delegate their role responsibility to another user for a time-limited period (e.g., a supervisor can delegate their role while out of the office for a period of time).	H	Out-of-the-Box with configuration required to meet		N/A	Administrative Portal	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.

AA101	Application Architecture	Upgradeability	Provide the ability to maintain or retain user configurations in the Crash and Citation applications through upgrade or release of new versions of the software.	M	Meets the requirement out-of-the-box		N/A	All	N/A	All user configurations are maintained when updates are performed to the system.
AA102	Application Architecture	User Documentation	Enable users to incorporate user-defined documentation into system documentation (e.g., user procedures, business rules, etc.) which is accessible from the Crash and Citation applications.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions.
AA103	Application Architecture	User Documentation	Support maintaining version control of user-defined documentation.	L	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide solutions. We will work with WVDOT to ensure proper configuration.
AA104	Application Architecture	User Interface	Utilize a consistent user interface across the core components of the Crash and Citation solution (excluding third-party software components) including user-definable hot keys; screen naming functions; navigation patterns; consistent use of controls; online help and menus (as defined by the user's security profile).	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Our statewide systems are designed to be intuitive to end users, with continuity of user experience throughout the system as much as possible.
AA105	Application Architecture	User Interface	Support both manual entry and contextually validated drop-down lists of all valid values for each validated field.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included drop downs and other similar validation rules as part of our other statewide solutions.
AA106	Application Architecture	User Interface	Allow a user to navigate between multiple, related input screens without losing information input on the original (or header) screen until all information is committed to the database.	H	Meets the requirement out-of-the-box		N/A	All	N/A	Coplogic's technology platform supports this functionality.
AA107	Application Architecture	User Interface	Allow a user to cancel a transaction and/or exit any document or screen without saving changes.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar functionality as part of our other statewide solutions.
AA108	Application Architecture	User Interface	Provide a visual identification (e.g., highlighting) of all required fields for entry on any screen.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar visual indications for required fields (e.g., red star or text) as part of our other statewide solutions.
AA109	Application Architecture	User Interface	Support search and filter capability on user screens containing columns of data.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar functionality as part of our other statewide solutions.
AA110	Application Architecture	User Interface	When a crash report falls under FMCSA requirements, the solution should dynamically hide/show FMCSA-related fields to the end user for data entry.	H	Out-of-the-Box with configuration required to meet		N/A	eCrash Collection Tool & eCitation Collection Tool	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included dynamic field functionality as part of our other statewide solutions.
AA111	Application Architecture	Workflow	Provide tools for modifying preconfigured workflows or developing new workflows.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic's established technology platform includes robust workflow functionality.
AA112	Application Architecture	Workflow	Support the establishment of user-defined rules-based workflows for any system event or transaction.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	See above.
AA113	Application Architecture	Workflow	Support bi-directional electronic routing of documents for approval or other tasks through workflow.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have included similar functionality as part of our other statewide solutions.
AA114	Application Architecture	Workflow	Support initiation of workflows from both online real-time and batch driven/initiated events based on user-defined business rules.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic's established technology platform includes a configurable workflow engine.

AA115	Application Architecture	Workflow	Allow for reversal of any approvals and return the workflow transaction to the originating user and any other users who had previously approved the transaction if one or more reviewers disapproves a transaction.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	See above.
AA116	Application Architecture	Workflow	Support copying, modifying and extending preconfigured workflows to meet specific Department business requirements.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	See above.
AA117	Application Architecture	Workflow	Support multiple levels of approvals for transactions based on profile security and other user-defined criteria.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	See above.
AA118	Application Architecture	Workflow	Allow a user to enter descriptive information in a note field or to upload and attach a file to content items within the workflow and store these notes with user ID and date/time stamp.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described.
AA119	Application Architecture	Workflow	Ensure a transaction is not finalized until all required approval workflows are complete.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic's established technology platform includes a configurable workflow engine.
AA120	Application Architecture	Workflow	Allow a workflow to be designed to support either simultaneous actions or require consecutive actions, as defined by an authorized user.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	See above.
AA121	Application Architecture	Workflow	Provide a dashboard which displays the status of workflows including workflows pending for a user-defined period of time.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic has provided similar dashboards as part of our other statewide solutions.
AA122	Application Architecture	Workflow	Allow for a supervisor to temporarily route transactions for workload balancing, absences, etc.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic has provided similar functionality as part of our other statewide solutions.
AA123	Application Architecture	Workflow	Track workflow approvals and rejections.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic has provided similar functionality as part of our other statewide solutions.
AA124	Application Architecture	Workflow	Support various user-defined transaction statuses, including approved, rejected, pending, under consideration, etc.	H	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic has provided similar functionality as part of our other statewide solutions.
AA125	Application Architecture	Workflow	Support electronic signatures for approvals and rejections of workflows based on a user authenticating themselves to the system.	L	Out-of-the-Box with configuration required to meet		N/A	Workflow Engine	N/A	Coplogic will design the system to meet WVDOT's specifications as described. Coplogic has provided similar functionality as part of our other statewide solutions.

Req. #	Category	Sub-Category	Business (Functional) Requirement	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
TA1	Technical Architecture	Batch Error Handling	Allow an authorized user to edit a transaction in error and resubmit it.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide systems.
TA5	Technical Architecture	Business Continuity	Provide the means to execute disaster recovery operations for test and live conditions.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	This will depend on the hosting option selected by the State. Coplogic will work closely with WVDOT on best practices for disaster recovery as we do with all out statewide customers.
TA6	Technical Architecture	Custom Development	Allow for identification/reporting of new user-defined fields.	H	Out-of-the-Box with configuration required to meet		N/A	Analytics/Reporting Portal	N/A	Coplogic's analytics and reporting module enables reporting on any field/data in the system.
TA7	Technical Architecture	Custom Development	Allow for identification/reporting of new user-defined objects.	H	Out-of-the-Box with configuration required to meet		N/A	Analytics/Reporting Portal	N/A	Coplogic's analytics and reporting module enables reporting on any field/data in the system.
TA8	Technical Architecture	Data Integration	Provide supported Application Program Interface (API) data definitions and file structures for all key reference sets to support batch loading of data. For example, the ability to load full crash record data or citation data via an input file, such as csv, xml, etc.	H	Out-of-the-Box with configuration required to meet		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide systems.
TA9	Technical Architecture	Data Integration	Support data encryption where appropriate based on user-defined business rules following Advanced Encryption Standards (AES) for data both in transit and at rest in all file structures.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have previously built other statewide systems that use HTTPS/SSL for encryption in transit and AES-bit encryption of data at rest.
TA11	Technical Architecture	Data Integration	Support executing interfaces with other systems on a pre-defined schedule, event, or on the request of an authorized user.	H	Out-of-the-Box with configuration required to meet		N/A	All	N/A	Coplogic will design the system to meet WVDOT's specifications as described. We have provided similar functionality as part of our other statewide systems.
TA16	Technical Architecture	Database	Support implementation of the proposed solution on the most current production release and one major release back of any major database product, such as Oracle® or Microsoft SQL Server®, along with the ability to maintain this state over time.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA17	Technical Architecture	Database	Maintain referential integrity of data through either database referential integrity declarations or application code.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA20	Technical Architecture	Database	Exploit DBMS database features and database and application design to reduce contention between updates by online users and those of concurrently running batch processes.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA21	Technical Architecture	Database	Ensure that on-line search queries will not be delayed by waiting for locks to be released.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA23	Technical Architecture	Database	Ensure that in a two-transaction read/update cycle, the user will always update ONLY what was being read, avoiding the so-called 'update collision' or 'deadly embrace'.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.

Req. #	Category	Sub-Category	Business (Functional) Requirement	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
TA25	Technical Architecture	Database	Provide database monitoring tools and capabilities within the proposed solution for the recommended database platform to enable administration and performance tuning of the database environment.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA30	Technical Architecture	Enterprise Application Integration	Provide communication services that guarantee message delivery and handle queuing and encryption for various types of communication (e.g., publish and subscribe, request/reply, etc.).	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA33	Technical Architecture	Enterprise Application Integration	Provide business process flow services to group and link data flows to automate the steps in a business transaction.	H	Meets the requirement out of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.

Req. #	Category	Sub-Category	Business (Functional) Requirement	Priority H = High M = Medium L = Low	Vendor Response	Customization Estimate, if Applicable	Capability Planned for Future Release	Core Module(s)	Third Party Solution(s)	Comments/Notes
TA42	Technical Architecture	ETL Tools	Support incremental loads; allow for taking advantage of pipelined and partitioned parallelism to meet acceptable timeframes.	M	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA44	Technical Architecture	General	Provide a service-oriented architecture (SOA) design/capability which is platform and protocol independent and complies with OASIS (Advancing Open Standards for the Information Society) standards such as WS-Security, WS-Reliability, etc. and other open standards such as XML, SOAP, WSDL, and UDDI.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA45	Technical Architecture	General	Separate database tier from application tier.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA46	Technical Architecture	General	Provide for separation of some or all the web server (presentation) tier from the application server tier.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA47	Technical Architecture	General	Support virtualization for all tiers.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA51	Technical Architecture	General	Deliver content via browser without Active X controls or plug-in support (Java Runtime Environment, Adobe Flash, etc.).	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA54	Technical Architecture	Job Scheduling and Processing	Provide a central enterprise job scheduler with the proposed solution that can schedule jobs across platforms and across multiple servers within a platform.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.
TA64	Technical Architecture	System Tools	Provide tools for system upgrade administration within the application suite.	H	Meets the requirement out-of-the-box		N/A	Crash Data Repository & Citation Data Repository	N/A	Coplogic's platform meet WVDOT's specifications as described. This is typical for our statewide systems.

PRIORITY

H	H = High Replacing functionality located in an existing system that is a required business process or is an identified as an essential need. Priority 1 requirements shall be configured and implemented as part of the designated phase as identified in Attachment 1 (Phase 1 or Phase 2).
M	M = Medium Functionality that WVDOT is committed to leveraging in the future. Priority 2 requirements that are met by the Proposer's proposed solution that do not require customizations, third party tools, or modifications to base code shall also be implemented as part of the designated phase of work. "Important" requirements requiring customizations, third party tools, or modifications to base code will be implemented at WeGo's option, but the effort and cost associated with these requirements shall be included in the Proposer's proposal.
L	L = Low Functionality that WVDOT would like to leverage if possible in the future. Priority 3 requirements will be implemented in their designated phase if the requirement can be achieved with "out-of-the-box with configuration".

VENDOR RESPONSE

Customization Required to Meet
Does Not / CANNOT Meet Requirement
Meets with modification to Base Code
Meets the requirement out-of-the-box
Out-of-the-Box with configuration required to meet
Proposed Third-Party Solution will meet
Proposed 3rd-Party Solution w/Configuration

CRASH CATEGORIES

1	CRASH LOCN
2	CRASH GENERAL INFO
3	CRASH LAW ENFORCEMENT LOCN
4	CRASH CONDITIONS

5	CRASH REPORTING
6	VEHICLE INFO
7	VEHICLE CREDENTIALS
8	VEHICLE SPECIFIC CRASH LOCN
9	VEHICLE CRASH EVENTS
10	VEHICLE CRASH DAMAGE
11	VEHICLE TRAILING UNITS INFO
12	VEHICLE CMV INFO
13	PERSON INVOLVED INDIVIDUALS
14	PERSON INJURY
15	PERSON DRIVER CREDENTIALS
16	DRIVER CONDITIONS INFO
17	DRIVER VIOLATION
18	DRIVER INVOLVED INDIVIDUALS INFO
19	DMV-LICENSE
20	DMV-VEHICLE
21	NON-MOTORIST

CUSTOMIZATION VALUES

Small: Small customization(s) requiring up to a total of 80 hours for specification, development, and unit testing
Medium: Medium customization(s) requiring a total of 80 to 160 hours for specification, development, and unit testing
Large: Large customization(s) requiring greater than 160 hours for specification, development, and unit testing