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## **1. Purpose and Scope**

### **1.1. Scope**

National

### **1.2. Purpose:**

The purpose is to create traffic citation reference documents using the new Global Justice XML Data Model (GJXDM). By trying to apply the GJXDM we hope we will be able to provide valuable guidance for courts in the USA in the data model and the application of the standard.

## **2. List of Artifacts**

1. GJXDM Subschema
2. Extension Schema
3. Document Schema
4. Data Model Diagram
5. XMI Export
6. XML Mappings
7. GIEP Description

## **3. Additional IEP Provisions**

### **3.1. Additional Property Definitions**

#### **Document**

<b>Name</b>	<b>Description</b>
Traffic Citation	This traffic citation model provides a data and relationship framework for information exchange based on the standard forms concerning a specific criminal or civil traffic citation.

#### **Document Sections**

<b>Name</b>	<b>Description</b>
Appearance	The appearance event in a court case.
Arresting Officer	The officer that initially responds to an incident.
Charge	
Citation Identifiers	A criminal or civil citation issued by a law enforcement officer.
Citation Organization	An organization that has been issued a citation
Incident	A distinct occurrence or event.
Law Enforcement Agency	A government agency with legislative arrest authority.
Subject	The person or organization of interest.
Vehicle	A motor vehicle.

#### **Components**

<b>Name</b>	<b>Description</b>
Agency Identifiers	An administrative division of a government.
Arrest Identifiers	Reference numbers or other identifying information regarding an arrest event.
Bail	Security, usually a sum of money, exchanged for the release of an arrested person as a guarantee of that person's appearance for trial.
Business Address	
Contact	
Contact Name	
Court Case Identifiers	Reference numbers or other identifying information regarding a court case.
Drivers License	Official motor vehicle operators license issued by a state or legislatively authorized government organization.
Fine	A forfeiture or penalty to be paid to the court or an offended party in a civil action.
Incident Details	Details regarding the incident.
Insurance	Insurance or other evidence of financial responsibility
Intoxication	The pathological state produced by a drug,

Name	Description
	serum, alcohol, or any toxic substance.
Justice Person Identifiers	
Law Enforcement Identifiers	
Legal Authority for Offense	The underlying substantive offense
Name	The name of the person.
Organization Identifier	
Person Identifiers	Identifying numbers such as social security number, law enforcement officer badge number, or FBI or state criminal ID number.
Physical Characteristics	Identify scars, marks, tatoos and other distinguishing physical characteristics. This can include missing limbs, large ears, etc.
Physical Descriptors	The physical description of a person.
Road Conditions	Condition of a motor vehicle highway at the time of the incident.
Schedule	A plan for hearing cases by the court.
Seized Property	Property that has been taken into possession by law enforcement or the government.
Social Details	Information regarding a persons citizenship and military service status.
Speed Detection	Means of measuring speed of a vehicle
Vehicle Identification	Details regarding a motor vehicle.
Vehicle Registration	When the vehicle plate is issued, the vehicle is registered.
Verification	Mechanism for validation of subject. This may include fingerprinting, etc.
Violation Location	Place where the violation occurred

## Elements

Name	Description
Accident Report Number	An identifier for an accident report.
Age At Incident Description	Also allows for an approximate age if specific date of birth is not known.
Agency Code Identifier	An alphanumeric code used and assigned to agencies to uniquely identify them.
Agency Name	Name of a justice agency, e.g. police department, law firm, court.
Agency ORI	A unique identifier assigned by the federal government to a justice organization
Agency Reporting District	Name of a work group or area in a local office
Appearance Date	Date that a defendant needs to appear in court.
Appearance Required Indicator	
Appearance Time	Time that a defendant needs to appear in court.
Area Code	
Badge Number	Identifer that is either assigned by a law enforcement agency or other entity to each officer. This may be an employee number or a court assigned PIN.
Bail Amount	Monetary amount set for the defendant's bail.

Name	Description
Booking Number	Number assigned by Law Enforcement Agency at the time of booking
Booking Required Indicator	Flag indicating whether subject should be booked.
Building Designation	A number or letters assigned to identify a building in an address.
CDL Status Code	Indicates the current status of a Commercial Drivers License (e.g. suspended, expired)
CMV Indicator	Indicates whether the vehicle involved in the incident is a commercial vehicle.
CMV Weight	Weight of a Commercial Motor Vehicle. This influences fines and other sanctions.
Case Caption	Official case title for court record.
Case Type	The type of a case ( e.g. civil, criminal, juvenile, child support )
Charge Attribute	Additional information that notifies the court of special conditions (e.g. domestic violence, white collar crime, or court reporting requirements)
Charge Description	Statutory text describing the offense committed by the defendant and how it applies to the cited statute.
Charge Text	A narrative description of the facts and circumstances for which a statute is charged. In the event of a correctable offense, this may include text that describes the equipment (tail light, headlight, etc.) that requires fixing; if fixed, citation is dismissed
Charge Title	A summary heading of a crime or offense.
Charge Type	Severity of the charge (e.g., infraction, misdemeanor, felony).
Citation Issue Date	Date that a citation was issued aka charge date.
Citation Number	Identifier assigned by law enforcement agency to track citations.
Citizenship	Code or text indicating a country of citizenship.
Confinement Location	Location at which the offender is detained.
Correctable Offense Indicator	An indicator that equipment (tail light, headlight, etc.) requires fixing; if fixed, citation is dismissed
Count Number	A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.
Country Code	
Country Name	Name of the country
County Name	The name of the County governmental unit.
Court Case Number	A unique identifier assigned to a court case.
Date of Birth	A person's date of birth.

Name	Description
Digital Verifier	Digital representation of an photograph, fingerprint, or biometric.
Digital Verifier Type	Text describing the type of verification (e.g. fingerprint, image, biometric)
Email Address	
Endorsement Code	Indicates the driver's authority to drive specific vehicle types (e.g. hazardous materials, tanker, school bus). Subject either have multiple endorsements or comprehensive codes that cover multiple endorsements.
Ethnicity	A person's ethnicity.
Expiration Date	Date a document or order expires unless further action occurs.
Extension	
Eye Color Code	A code representing person's eye color.
FBI Number	A unique number assigned to a defendant by the FBI based on submitted fingerprints.
Fax Number	
Federal DOT Number	Number assigned by DOT to an organization
Fine Amount Due	The amount due to a court for an offense.
Fine Amount Due Date	The date payment for a fine is due.
Fine Type	The purpose for this fine (e.g. court costs, surcharge, scheduled amount)
First Name	First name of a person.
Floor	The floor number of a particular building
GPS Coordinates	Coordinates for a location
Hair Color Code	A code representing person's hair color.
Hazmat Indicator	Yes/No indicator of whether incident involved hazardous materials.
Height Measure	A person's height.
Incident Description	A text description of the accident.
Insurance Carrier Name	Name of insurance organization
Insurance Status	The status of a person's motor vehicle insurance at the time of the incident.
Insurance Type	The type of insurance the defendant possessed at the time of the incident.
Interpreter Required Indicator	Set to yes if a person needs an interpreter.
Intoxication Level	The level of intoxication a subject tested; e.g. blood alcohol content .05.
Intoxication Test Refused	Indicates that subject refused to take a intoxication test.
Intoxication Test Type	The type of test used to determine intoxication.
Issuing Country	If an International Drivers License, indicates the country that a person has a valid drivers' license in.
Laser Indicator	An indicator that a laser gun was used to detect speed
Last Name	Last name of a person.
Legal Speed Rate	The posted speed limit on a particular road, highway, bypass, etc.
License Class Code	A code indicating the types of vehicles a

Name	Description
	person is licensed to operate ( e.g. commercial, private)
License Commercial Class Code	A code identifying the size of commercial vehicle (e.g. A, B, C) that a licensed driver has been examined on and approved to operate.
License Issuing Jurisdiction	The state or other authorization (e.g. DOD) from which a driver's license was issued.
License Number	Unique identifier assigned by the state to a driver's license.
License Restriction Code	A code indicating any constraints or restrictions on a person's authorization to operate a motor vehicle.
Living Indicator	True if a person is alive, false if a person is dead.
Local Person Identifier	A unique number assigned to a defendant by a local law enforcement agency based on submitted fingerprints or other less precise methods.
Location Description	Captures all information to identify a location. May represent street address and city, direction of travel, mile markers, cross roads, location on body, etc.
Mark Type	The type of physical feature (e.g. tattoo, scar, mole)
Middle Name	Middle name of a person.
Military Indicator	Indicates if a person is currently on active duty in the military
Military Status	The military status of a person (active, AWOL, discharged).
Moniker	Nickname or alternative justice identifier.
Municipality Name	Name of a city, township, etc.
NCIC Charge Code	The NCIC code assigned to the criminal case charge.
Name Prefix	Name prefix of a person.
Name Suffix	Name suffix of a person.
Number Passengers Measure	The number of people in the car not including the driver
Offense Date	Date an offense occurred or began (if offense took place over a period of time). aka incident date or violation date.
Offense Description	A description of the statute violated.
Offense End Date	Date ending the period of time during which an offense occurred.
Offense End Time	Time that an offence ended
Offense Time	Violation Time
Offense Type Code	Category of offense type, e.g. check box indicating type of citation, i.e., speeding, operating under the influence, driver license violation, safety belt infraction.
Organization DBA Name	Name that the organization is doing business

Name	Description
	under.
Organization Legal Name	The official name of an organization as listed on the IRS Letter of Determination
Person Full Name	Full name of a person. This is to accomodate situations where a person may have more than three names.
Plate Jurisdiction	State that issued the license plate
Plate Number	A alphanumeric identifier assigned to a vehicle license plate.
Plate Type	Type of license plate displayed on vehicle (e.g. commercial)
Postal Code	Postal zip code in an address
Postbox Number	PO Box Number
Primary Language	The principal language spoken by the person
Proof of Insurance Indicator	Indicates whether the driver has demonstrated a proof of insurance.
Property Description	The description of a article of property.
Property Type	A code representing a type of property, e.g. vehicle, television, etc.
Race Code	A code identifying a person's race.
Radar Indicator	An indicator that radar was used to detect speed
Recorded Speed Rate	The speed at which the offender was observed.
Restriction End Date	The expiration date for driving restrictions that have been placed on a driver
Road Description	Description of road conditions.
Road Type	The type of road, e.g. highway, interstate, rural road, etc.
Sex Code	A code indicating a person's sex.
Social Security Number	A unique identifier assigned to a defendant by the Social Security Administration.
Speed Detection Method	Field that indicates the mechanism for determining speed (e.g. Radar, Aircraft)
Speed Excess Amount	The speed excess of the legal speed limit.
State	Name or abbreviation of the state in an address.
State ID Number	A number assigned to a defendant by a state based on submitted fingerprints.
State Motor Carrier Number	Number assigned by the state to an organization.
Statute Code	Alpha reference to a section or category within a charge code book. (e.g. in VC123.23(a), the VC portion is the statute code)
Statute Enactment Date	Date a particular statute became law.
Statute Number	Alphanumerical reference indicating the statute violated within a charge code book (e.g. in VC123.23(a), the 123.23(a) portion is the statute number)



Name	Description
Street Name	
Street Number	
Street Post Directional	
Street Pre Directional	
Subject Arrested Indicator	If the subject is arrested, flag is set to yes.
Telephone Number	
Traffic Accident Indicator	Yes or no flag indicating if there was an accident associated with the document
Traffic Accident Injury Qualifier	Qualifies the type of traffic accident (e.g. fatal, personal injury) and may include more than one.
Traffic Accident Property Damage	Describes property damage that may have occurred as the result of a traffic accident.
Traffic Condition Text	Traffic conditions at the time of an incident.
Vehicle Classification	Authorized vehicle usage (e.g. A, B, C).
Vehicle Identification Number	A unique combination of alphanumeric characters that identifies a specific vehicle-- often called VIN.
Vehicle Make Code	A code identifying the manufacturer of a vehicle.
Vehicle Model Code	A code identifying the specific design or type of vehicle made by a manufacturer. Sometimes referred to as the series model.
Vehicle Model Year	A year which is assigned to a vehicle by the manufacturer.
Vehicle Ownership Type	Text describing the type of owner of the vehicle (personal, company, organization, government)
Vehicle Primary Color Code	A code identifying a single, upper-most, front-most, or majority color of a vehicle.
Vehicle Secondary Color Code	A code identifying the lower-most or rear-most color of a two-tone vehicle or the lesser color of a multi-colored vehicle.
Vehicle Style Code	A code identifying the style or body type of a vehicle (e.g. van, pickup, 2 door, motorcycle etc.)
Violation Zone Type	The type of the special incident zone if the incident occurs within a violation zone (e.g. construction, railroad, school, utility). Multiple zones may be selected.
Weather Condition Text	Weather conditions at the time of an incident.
Weight Measure	A person's weight.

## Document Local XML Types

Name	Description
ActivityType (SuperType)	A structure that describes details about an activity or process that occurs.
AddressType (SuperType)	A structure that describes a postal location to which paper mail can be directed.

Name	Description
AgeMeasureType (MeasureType)	A structure that describes an age.
AgeUnitCodeType	
AmountType	A structure that describes an amount of money.
ArrestType (ArrestType)	
ArrestType (ActivityType)	A structure that describes details about the apprehension of a subject by a peace official.
BinaryType (SuperType)	A structure that describes a digital representation of an object encoded in a binary format.
BiometricType (SuperType)	A structure that describes information used to measure a biological or behavioral characteristic.
BookingType (BookingType)	
BookingType (ActivityType)	A structure that describes details about an administrative step taken after an arrest subject is brought to a police station or detention facility.
BuildingType (SuperType)	A structure that describes details about a building.
CaseType (ActivityType)	A structure that describes an aggregation of information about a set of related activities and occurrences.
ChargeClassificationType (SuperType)	A structure that describes details that further describe and classify a charge.
ChargeReportingType (SuperType)	A structure that describes details about information that is sent to local, state, or federal repositories describing the nature of a charge in terms of official codes, terms, and fields.
ChargeType (ChargeType)	
ChargeType (SuperType)	A structure that describes details about a formal allegation that a specific person has committed a specific offense.
CitationType (CitationType)	
CitationType (ActivityType)	A structure that describes details about an official summons to appear in court or pay a fine.
ContactInformationType (SuperType)	A structure that describes details about how to contact a person or an organization.
CourtAppearanceType (CourtAppearanceType)	
CourtAppearanceType (SuperType)	A structure that describes details about an appearance required of a party in a court of law on a certain date.
DocumentType (SuperType)	A structure that describes inherent and frequently used characteristics of a document.
DriverAuthorizationType (SuperType)	A structure that describes details about an authorization issued to a driver granting driving privileges.
DriverLicenseType (DriverAuthorizationType)	A structure that describes details about a license issued to a person granting driving privileges.
DrivingIncidentType (DrivingIncidentType)	
DrivingIncidentType (IncidentType)	A structure that describes details of an incident

Name	Description
	involving a vehicle.
DrivingJurisdictionAuthorityIDType (IDType)	A structure that describes an identifier that may have an issuing authority from the ANSI D20 standard.
DrivingRestrictionType (SuperType)	A structure that describes details about a restriction applicable to a driver permit or license.
ElevationUnitCodeType	
FacilityType (OrganizationType)	A structure that describes an organization that carries out some form of enforcement or reformatory activities for its members.
FingerprintSetType (BiometricType)	A structure that describes a representation or an encoding of the identifying characteristics of a set of person's fingerprints.
IDType (SuperType)	A structure that describes an identifier of an entity.
IncidentCategoryType (SuperType)	A structure that describes a general category or classification of an incident.
IncidentResponseType (IncidentResponseType)	
IncidentResponseType (ActivityType)	A structure that describes a response to an incident by an official unit.
IncidentType (IncidentType)	
IncidentType (ActivityType)	A structure that describes a criminal or non-criminal activity that occurred.
InsuranceType (InsuranceType)	
InsuranceType (SuperType)	A structure that describes a coverage by a contract whereby one party agrees to indemnify or guarantee another against loss by a specified contingent event or peril.
IntoxicationType (IntoxicationType)	
IntoxicationType (SuperType)	A structure that describes the measurable alcoholic and/or drug intoxication level of a person.
LocationType (LocationType)	
LocationType (SuperType)	A structure that describes a physical location.
MapLocationType (SuperType)	A structure that describes a location specified by a map or grid coordinates.
MeasureType	A structure that describes a representation of a measurement.
MilitarySummaryType (SuperType)	A structure that describes a summary about the service of a person in the military.
ObligationType (SuperType)	A structure that describes an obligation or requirement.
OrganizationType (SuperType)	A structure that describes a unit which conducts some sort of business or operations.
OrganizationType (OrganizationType)	
PersonAssignedIDDDetailsType (SuperType)	A structure that describes a set of identifications issued to a person.
PersonBiometricDetailsType (SuperType)	A structure that describes a set of measurable biological or behavioral characteristics of a person.
PersonHeightMeasureType (MeasureType)	A structure that describes a measurement of

Name	Description
	the height of a person.
PersonHeightUnitCodeType	
PersonMedicalDetailsType (PersonMedicalDetailsType)	
PersonMedicalDetailsType (SuperType)	A structure that describes the medical condition of a person.
PersonNameTextType (TextType)	A structure that describes a name of a person.
PersonNameType (SuperType)	A structure that describes a name of a person.
PersonPhysicalDetailsType (SuperType)	A structure that describes the physical appearance of a person.
PersonSocialDetailsType (PersonSocialDetailsType)	
PersonSocialDetailsType (SuperType)	A structure that describes the social characteristics of a person.
PersonType (SuperType)	A structure that describes the inherent and frequently associated characteristics of a person.
PersonWeightMeasureType (MeasureType)	A structure that describes the measurement of the weight of a person.
PersonWeightUnitCodeType	
PhysicalFeatureType (SuperType)	A structure that describes a physical feature of a person.
PropertyRegistrationType (SuperType)	A structure that describes the registration of a property item with an authority.
PropertyType (SuperType)	A structure that describes a tangible or intangible item that can be owned or used.
RateType (MeasureType)	A structure that describes a representation of a measurement of rate.
SanctionType (ActivityType)	A structure that describes a sanction or penalty ordered for a subject as a result of a disposition of a charge.
SpeedRateType (RateType)	A structure that describes a rate of speed at which a vehicle is moving.
StatusType (SuperType)	A structure that describes the conditions or status of a person, activity, or object.
StatuteType (SuperType)	A structure that describes a law, rule, or ordinance within a jurisdiction.
StreetType (SuperType)	A structure that describes a street.
SubjectType (SubjectType)	
SubjectType (PersonType)	A structure that describes a person who is involved or suspected of being involved in an incident or criminal activity.
SuperType	A structure that describes metadata common to most other structures.
SuperTypeMetadata	
TelephoneNumberType (SuperType)	A structure that describes a telephone number that can be dialed to reach a contact.
TextType	A proxy structure that represents a character string, generally in the form of words of a language, and includes language metadata.
VehicleBasicsType (PropertyType)	A structure that describes details about a vehicle, boat, aircraft, or other object used to provide a physical mode of transportation.

Name	Description
VehicleRegistrationType (VehicleRegistrationType)	
VehicleRegistrationType (PropertyRegistrationType)	A structure that describes the registration of a vehicle.
VehicleType (VehicleType)	
VehicleType (VehicleBasicsType)	A structure that describes a motor-driven conveyance designed to carry its operator, passengers, and cargo, including trailers and excepting boats.

## Document Local XML Elements

Name	Description
AppearanceRequiredIndicator	True if a court appearance is required; false if otherwise.
Booking (BookingType)	
BookingRequiredIndicator	Flag that indicates if a subject should be booked
Charge (ChargeType)	Details about a formal allegation against a specific person
ChargeFactorText (TextType)	Details about a factor involved that has an effect on a charge. Example: narcotics, computer, radar, domestic violence, employment, bias, injury, hazmat, CMV.
ChargeIncident (IncidentType)	Details about an incident that a subject is being charged on.
Citation (CitationType)	
CitationOrganization (OrganizationType)	An organization that violates a law and receives a citation
CourtAppearance (CourtAppearanceType)	
DrivingAccidentReportNumber (TextType)	Report number for the accident
DrivingIncident (DrivingIncidentType)	
DrivingIncidentDetectionMethodText (TextType)	A description of the method used to determine the speed of a vehicle.
DrivingIncidentExcessSpeedAmount	
Incident (IncidentType)	
IncidentArrest (ArrestType)	
IncidentLocation (LocationType)	
IncidentResponse (IncidentResponseType)	
IncidentSubject (SubjectType)	
Insurance (InsuranceType)	
InterpreterRequiredIndicator	Yes/No flag indicating if a person requires an interpreter.
IntoxicationTestRefusedIndicator	True if the subject refused to take an intoxication test; false otherwise.
PersonDrivingInsuranceProofIndicator	True if a proof of insurance was demonstrated; false otherwise.
PersonIncidentAgeMeasure (AgeMeasureType)	The age of a person at the time of an incident
PersonIntoxication (IntoxicationType)	
PersonMedicalDetails (PersonMedicalDetailsType)	

Name	Description
PersonSocialDetails (PersonSocialDetailsType)	
Subject (SubjectType)	A person who is involved or suspected of being involved in an incident or criminal activity. This person may be the focus of an investigation or legal process, but is not necessarily the sole or primary focus.
Vehicle (VehicleType)	Details about a motor-driven conveyance designed to carry its operator, passengers, and cargo, including trailers, and excepting boats.
VehicleRegistration (VehicleRegistrationType)	Details about a registration of a vehicle.
ViolationZoneTypeText (TextType)	Type of special incident zone (e.g. school zone, construction zone)

## **3.2. Minimal Properties Set**

## **3.3. Additional Business Rules**

### **3.3.1. Description**

- Subject should be used if the citation is issued to a person.
- Owner Organization should be used if the citation is issued to an organization
- Owner Person is only used if they are distinct from the subject
- An Owner Organization may be issued a citation directly or may be used as the owner of a vehicle that was driven by a subject
- The arresting officer and the citing officer will often be the same person
- The total bail amount is derived based on the bail indicated for each individual charge.

### **3.3.2. Data Exchanges**

## **4. Development**

### **4.1. Participants**

Zaina Ajake - Georgia  
 Kenneth Bosier - Iowa  
 Bob Bray - Georgia  
 Lynn Bruley - Wisconsin  
 Shara Bunis - Socius/NCSC  
 Tom Carlson - NCSC  
 Sandy Carroll - Maine  
 Tom Dewey - Vendor

Gary Egner - Vendor (Maximus)  
Robin Gibson - Missouri  
Jim Harris - Vendor (CSI)  
Laurie Hinton - Arkansas  
John Kennedy - North Carolina  
Zemin Luo - Vendor  
Meldie Malone - California  
Judge Lee W. McClelland - Ohio  
Doug Mincher - Georgia  
Jackie Mitchell - Texas  
Kathryn Nicholson - Texas  
Ed Papps - NCSC/Contractor  
Ellen Perry - Vendor  
Mark Pritchard - AAMVA  
Robert Redmond - DC  
William Roddy - AAMVA  
Rochelle Schechtman - Florida  
Judge Robin Smith - Kansas  
Sherry Stark - Nebraska  
Dave Usery - NCSC/Contractor  
Doug Walker - NCSC/Contractor

#### **4.2. Process:**

In March, 2004 the COSCA/NACM Joint Technology Committee was asked to choose from a list of common justice communications generated as part of SEARH Group's JIEM project and rank the most commonly used court forms and communications. The top four selections were citation, protection order, sentence, and warrant documents. These are the most common forms and therefore, the most common communication data exchanges that are made by courts on a daily basis.

The first step in the creation of reference documents was to solicit court forms and electronic data exchanges from State Court IT Directors. In the late May, early June time period an updated listing of State Court IT Directors was completed and e-mail solicitations sent to ask for traffic and misdemeanor citation and domestic violence protection order. The following states sent information for sentencing documents:

- Alabama
- Maine
- Michigan
- Ohio
- South Carolina
- Texas
- Washington
- Wisconsin

Once the forms and other data transmission source documents were collected, both NCSC and contract staff extracted the data elements from the forms and organized them by state and then grouped them by like element. After performing the first analysis, and based on input from the OASIS/LegalXML meeting in Denver it was determined that it would benefit all to create a data relationship model so as to better understand the grouping and thereby subsequently assigning a more accurate GJXDM data element.

A key element of the project was to:

"Establish a Court Joint Standards Development (JSD) Team to review and refine identified efforts to identify and label the court elements in current, proposed, and developing standards"

A JSD meetings was held for Traffic Citations in Atlanta, Georgia on June 16, 2004.

During the meetings participants were asked to review the proposed data groupings, the need for the element, the need for additional elements, and finally and most importantly, the GJXDM data element mapping if there was one and if not, to define and associate a new extension element.

Following the JSD meetings URL Integration, a sub-contractor to the NCSC used their excellent data mapping and organization software to develop a draft version of the reference documents for each area.

The draft versions were then placed for open review by the justice community on an Internet computer bulletin board system located at:

<http://boards.ncsc.dni.us:81/~jisgp>

### **4.3. Development Artifacts:**

#### **4.3.1. Data Model Diagram**





## 4.3.2. Source Documents

Traffic Citation Extensions

Element Name	Type	Located In	Description	Notes
AppearanceRequiredIndicator	j-xsd:boolean	Court Appearance	Flag that indicates if a subject should be booked	Not in GJXDM
BookingRequiredIndicator	j-xsd:boolean	Booking	Details about a prior conviction. A usage of this may be for a three strikes you are out rule.	Not in GJXDM
ChargeEnhancingPriorConviction	ConvictionType	Subject	An organization that violates a law and receives a citation	Associated to subject because it is based on a particular subject's criminal history and will impact not only the charge but potentially the sentencing. A citation may include multiple charges, each with their own incident information (e.g. Location, Dates & Times)
ChargeIncident	j:Incident	Charge???	Report number for the accident	GJXDM has no construct for an organization receiving a citation (there is a CitationSubject)
CitationOrganization	j:Organization	DrivingIncident	A description of the method used to determine the speed of a vehicle.	Not in GJXDM
DrivingAccidentReportNumber	j:TextType	DrivingIncident		The GJXDM contains specific flags indicating particular detection methods such as laser and radar. This field is to capture detection methods other than those.
DrivingIncidentDetectionMethodText	j:TextType	DrivingIncident		The GJXDM Insurance element stands alone and is not contained as a property of any other element. Embedding Insurance within the organization and person structure ensure that we have unambiguously identified the insurance holder.
Insurance	j:Insurance		Yes/No flag indicating if a person requires an interpreter.	Not in GJXDM
InterpreterRequiredIndicator	j-xsd:boolean	PersonSocialDetails	True if the subject refused to take an intoxication test; false otherwise.	Not in GJXDM
IntoxicationTestRefusedIndicator	j-xsd:boolean	PersonIntoxication	True if a proof of insurance was demonstrated; false otherwise.	Not in GJXDM
PersonDrivingInsuranceProofIndicator	j-xsd:boolean	Insurance	The age of a person at the time of an incident	The group expressed a desire to specify this date rather than have this as a calculated field (based on birth date and the incident date)
PersonIncidentAgeMeasure	j:AgeMeasureType	Subject	Type of special incident zone (e.g. school zone, construction zone)	Violation zone information is not indicated in the GJXDM
ViolationZoneTypeText	j:TextType	ChargeIncident		

Traffic Citation Extensions Review.jpg

## 4.3.3. Revision History: