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<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSpy v2016 rel. 2 sp1 (x64) (http://www.altova.com) by Adrian Shamsudeen (Nebraska Dept of
Roads) -->
<!-- Version 3.0.0 September 1 2016 by Timothy Hayes (NDOR) -->
<xsd:schema version="1.0" attributeFormDefault="unqualified" elementFormDefault="qualified"
targetNamespace="http://ne.gov/dor/eaxi/3.0" xmlns:vc="http://www.w3.org/2007/XMLSchema-versioning"
xmlns="http://ne.gov/dor/eaxi/3.0" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <!-- *****
  NDOTCrashReport is the root element of the XML document for Nebraska Department of Transportation
  (NDOT).
  ***** -->
  - <xsd:element type="CrashReportType" name="NDOTCrashReport">
    - <xsd:annotation>
      <xsd:documentation>Contains all data elements found on the Investigators report form. This is the root
      element.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <!-- *****
  ***** -->
  - <xsd:simpleType name="AddressLineType">
    - <xsd:annotation>
      <xsd:documentation>Provides a line of text for an address as well as text to be used for locations that
      do not have an address system.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/>
      <xsd:maxLength value="35"/>
    </xsd:restriction>
  </xsd:simpleType>
  - <xsd:complexType name="AlcoholTestedType">
    - <xsd:annotation>
      <xsd:documentation>Contains information concerning alcohol use involved in the
      Crash.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
      - <xsd:element type="Code2Numeric" name="AlcoholSuspected">
        - <xsd:annotation>
          <xsd:documentation>Indicates whether the law enforcement officer suspects alcohol
          use.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      - <xsd:element type="Code2Numeric" name="AlcoholTestStatus">
        - <xsd:annotation>
          <xsd:documentation>Indicates whether an alcohol test was conducted.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      - <xsd:element type="Code2Numeric" name="AlcoholTestType" minOccurs="0">
        - <xsd:annotation>
          <xsd:documentation>Indicates the type of alcohol test given, like blood, breath,
          etc.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      - <xsd:element type="Code2Numeric" name="BloodAlcoholResult" minOccurs="0">

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- <xsd:annotation>
  <xsd:documentation>Indicates if the Alcohol Test is Pending or
    Unknown.</xsd:documentation>
</xsd:annotation>
</xsd:element>
- <xsd:element name="BloodAlcoholLevel" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>The Blood Alcohol Concentration (BAC) results.</xsd:documentation>
  </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="3"/>
      <xsd:fractionDigits value="3"/>
      <xsd:minInclusive value="0.000"/>
      <xsd:maxInclusive value="0.999"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="BirthDateType">
  - <xsd:annotation>
    <xsd:documentation>Date of Birth.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element name="BirthYear">
      - <xsd:annotation>
        <xsd:documentation>Birth Year.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:integer">
          <xsd:pattern value="[1-2][0-9][0-9][0-9]"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element name="BirthMonth">
      - <xsd:annotation>
        <xsd:documentation>Birth Month.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:integer">
          <xsd:pattern value="[0-9][0-9]"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element name="BirthDay">
      - <xsd:annotation>
        <xsd:documentation>Birth Day.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:integer">
          <xsd:pattern value="[0-9][0-9]"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

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        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:complexType name="CarrierInfoType">
  - <xsd:annotation>
    <xsd:documentation> Detailed information about the carrier of the Large vehicle (name, US DOT
      number, ICC MC Number and address).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="CarrierIdentificationType">
      - <xsd:annotation>
        <xsd:documentation>Carrier Identification Type.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="StateType" name="StateIssuedIDState" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Identifies the state, province, area that issued the
          Identification.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element name="StateIssuedIDNumber" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>The Identification Number appearing on the State-Issued
          document.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="10"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element name="USDOTNumber" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Numbers assigned by U.S. Department of Transportation (US DOT).
          Found only on vehicles of interstate private carriers.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="7"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element name="ICCMCNumber" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Numbers assigned by the Interstate Commerce Commission (ICC).
          Found only on vehicles of interstate for-hire carriers (those in the transportation
          business).</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="12"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

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    </xsd:simpleType>
  </xsd:element>
- <xsd:element type="CarrierUnitNumberType" name="CarrierUnitNumber">
  - <xsd:annotation>
    <xsd:documentation>Unique ID, possible alpha-numeric, assigned by the Carrier to identify
      specific Trucking Units. May be blank.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
- <xsd:element name="CarrierName">
  - <xsd:annotation>
    <xsd:documentation>Company name of the carrier.</xsd:documentation>
    </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      <xsd:maxLength value="35"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
- <xsd:element type="PostalAddressType" name="PostalAddress">
  - <xsd:annotation>
    <xsd:documentation>Contains address information for the Carrier.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
- <xsd:element name="Country">
  - <xsd:annotation>
    <xsd:documentation>Name of the Carrier's country.</xsd:documentation>
    </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      <xsd:maxLength value="30"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
- <xsd:element type="Code2Numeric" name="CommerceClassification">
  - <xsd:annotation>
    <xsd:documentation>Indicates if the commercial vehicle can legally trade, traffic, or
      transport property across the state lines.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:simpleType name="CarrierUnitNumberType">
  - <xsd:annotation>
    <xsd:documentation>Unique ID, possible alpha-numeric, assigned by the Carrier to identify specific
      Trucking Units. May be blank.</xsd:documentation>
    </xsd:annotation>
  - <xsd:restriction base="xsd:string">
    <xsd:maxLength value="30"/>
  </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="CityCensusIdType">
  - <xsd:annotation>
    <xsd:documentation>Code that identifies a city in Nebraska</xsd:documentation>

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    </xsd:annotation>
  - <xsd:restriction base="xsd:token">
      <xsd:minLength value="6"/>
      <xsd:maxLength value="6"/>
      <xsd:pattern value="[0-9]{6}"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="CityType">
  - <xsd:annotation>
      <xsd:documentation>Code that identifies a city in Nebraska</xsd:documentation>
    </xsd:annotation>
  - <xsd:restriction base="xsd:string">
      <xsd:maxLength value="25"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="Code1Numeric">
  - <xsd:annotation>
      <xsd:documentation>A common type used for all elements that contain a numeric, 1-digit code
        value.</xsd:documentation>
    </xsd:annotation>
  - <xsd:restriction base="xsd:string">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="1"/>
      <xsd:pattern value="[0-9]{1}"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="Code2Numeric">
  - <xsd:annotation>
      <xsd:documentation>A common type used for all elements that contain a numeric, 2-digit code
        value.</xsd:documentation>
    </xsd:annotation>
  - <xsd:restriction base="xsd:string">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="2"/>
      <xsd:pattern value="[0-9]{2}"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="Code3Numeric">
  - <xsd:annotation>
      <xsd:documentation>A common type used for all elements that contain a numeric, 3-digit code
        value.</xsd:documentation>
    </xsd:annotation>
  - <xsd:restriction base="xsd:string">
      <xsd:minLength value="3"/>
      <xsd:maxLength value="3"/>
      <xsd:pattern value="[0-9]{3}"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:complexType name="CrashAtIntersectionType">
  - <xsd:annotation>
      <xsd:documentation>Contains information specific to the location of the intersection where the crash
        occurred.</xsd:documentation>
    </xsd:annotation>

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- <xsd:sequence>
  - <xsd:element name="IntersectingRoadway">
    - <xsd:annotation>
      <xsd:documentation>The name and/or highway number of the intersecting street of the crash
        scene.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="49"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element type="TypeOfInterSectionRelatedType" name="TypeOfIntersection">
    - <xsd:annotation>
      <xsd:documentation>Describes type of intersection by defining number of approaches,
        geometry, etc.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="CrashClassificationType">
  - <xsd:annotation>
    <xsd:documentation>Contains information specific to Crash (weather conditions, temperature, light
      condition, etc.).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="CrashSeverity">
      - <xsd:annotation>
        <xsd:documentation>The severity of a crash based on the most severe injury to any person
          involved in the crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="FHEMannerOfCrash">
      - <xsd:annotation>
        <xsd:documentation>The identification of the manner in which two motor vehicles in
          transport initially came together without regard to the direction of force. This data
          element refers only to crashes where the first harmful event involves a collision between
          two motor vehicles.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="WeatherCondition" minOccurs="1" maxOccurs="2">
      - <xsd:annotation>
        <xsd:documentation>Weather conditions at the time of the crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="xsd:integer" name="Temperature" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Temperature, in degrees Fahrenheit, at the time of the
          accident.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="LightCondition">
      - <xsd:annotation>

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    <xsd:documentation>Light conditions at the time of the crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="RoadwaySurfaceCondition">
  - <xsd:annotation>
    <xsd:documentation>Condition of the road surface at the time of the
      crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="ContributingCircumstancesRoadwayEnvironment"
  minOccurs="1" maxOccurs="4">
  - <xsd:annotation>
    <xsd:documentation>Any environmental condition which may have contributed to the
      occurrence of the crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="FHEWithinInterchangeArea">
  - <xsd:annotation>
    <xsd:documentation>Identifies the Crash location with respect to presence in a
      junction.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="FHESpecificLocation" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Identifies the Crash location with respect to components typically in
      junction or interchange areas.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="TypeOfInterSectionRelatedType" name="TypeOfInterSectionRelated">
  - <xsd:annotation>
    <xsd:documentation>Contains details related to a crash intersection.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="SecondaryCrash">
  - <xsd:annotation>
    <xsd:documentation>Indicates if a motor vehicle traffic crash within a traffic incident scene
      or within a traffic queue in either direction resulting from a prior traffic
      incident.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="xsd:dateTime" name="RoadwayClearanceTime">
  - <xsd:annotation>
    <xsd:documentation>the time that all lanes are available for traffic
      flow.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="SchoolBusRelated">
  - <xsd:annotation>
    <xsd:documentation>Describes whether or how a school bus was related to the Crash. A
      school bus is directly involved when it is a contact vehicle in a crash. A school bus is
      indirectly involved if it is a non-contact vehicle but its presence played a role in the
      Crash.</xsd:documentation>
  </xsd:annotation>

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</xsd:element>
- <xsd:element type="WorkZoneRelatedType" name="WorkZoneRelated">
  - <xsd:annotation>
    <xsd:documentation>Contains details related to a crash near a Work
      Zone.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="YesNoType" name="InvolveNDOTProperty">
  - <xsd:annotation>
    <xsd:documentation>Indicates whether the crash involves damage to state department of
      Transportation property.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="AlcoholInvolved">
  - <xsd:annotation>
    <xsd:documentation>Law enforcement suspected or documented that at least one driver or
      non-motorist involved in the crash had used alcohol, regardless of legal
      limit.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="DrugInvolved">
  - <xsd:annotation>
    <xsd:documentation>Law enforcement suspected or documented that at least one driver or
      non-motorist involved in the crash had used drugs.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="CrashDiagramType">
  - <xsd:annotation>
    <xsd:documentation>Contains the officer's or driver's narrative of the crash events and, optionally, an
      image of the crash diagram.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element name="DiagramDescription">
      - <xsd:annotation>
        <xsd:documentation>The Officer's or Driver's narrative of the crash
          events.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="3915"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element type="ReportImageType" name="DigitalData" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Contains the image of the crash diagram.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  - <xsd:element type="YesNoType" name="SupplementalDiagram">
    - <xsd:annotation>

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        <xsd:documentation>Denotes whether a supplemental crash diagram
            exists.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="CrashLocationType">
    - <xsd:annotation>
        <xsd:documentation>Contains information about the location of the crash (latitude, longitude, private
            property, one-way street, county, city, street name/highway number, crash/highway, crash/outside
            city limits, crash/intersection, landmark and measure from landmark).</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="YesNoType" name="OnPrivateProperty">
            - <xsd:annotation>
                <xsd:documentation>Denotes whether crash occurred on private or public
                    property.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="CountyId">
            - <xsd:annotation>
                <xsd:documentation>Identifies a county/parish/vicinage where crash
                    occurred.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="RoadwayTrafficway">
            - <xsd:annotation>
                <xsd:documentation>Identifies the characteristics of the crash with respect to its location on
                    or off a trafficway.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="CityCensusIdType" name="CityCensusId" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Identifies the city (by city census code) in which the crash occurred, if
                    the crash occurred in a city or town. The 2-digit County code and 4-digit City code are
                    concatenated here.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element name="Latitude" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>The latitude (in decimal notation) of location of
                    crash.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:double">
                    <xsd:minInclusive value="39.903768"/>
                    <xsd:maxInclusive value="43.070187"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        - <xsd:element name="Longitude" minOccurs="0">
            - <xsd:annotation>

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        <xsd:documentation>The longitude (in decimal notation) of location of
            crash.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:double">
            <xsd:minInclusive value="-104.180682"/>
            <xsd:maxInclusive value="-95.088864"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
- <xsd:element name="CityOther" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>If City = "Other", name is put here.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:maxLength value="25"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
- <xsd:element name="StreetNameOrHighwayNumber">
    - <xsd:annotation>
        <xsd:documentation>Name of the roadway on which the crash occurred. If the road has both
            street name and highway number, provide both. If the crash happened on a county road,
            enter the county road name or number. If the roadway does not have an official name,
            show the distance and direction from the nearest named street or
            road.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="49"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
- <xsd:element type="CrashOnHighwayType" name="CrashOnHighway" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Contains information about a crash on a highway.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="CrashRuralType" name="CrashRural" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Contains information about a crash that occurred outside of city
            limits.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="CrashAtIntersectionType" name="CrashAtIntersection" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Contains information about a crash that occurred at an
            intersection.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
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<xsd:element type="CrashNotAtIntersectionType" name="CrashNotAtIntersection"
minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Contains information about a crash that occurred in a location not easily
      described by nearby cities or highways.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="CrashOnHighwayType">
  - <xsd:annotation>
    <xsd:documentation> Contains information about the highway location of the crash, if applicable
      (highway number, highway name, measure to nearest mile post, milepost number and nearest
      city).</xsd:documentation>
    </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element name="HighwayNumber">
      - <xsd:annotation>
        <xsd:documentation>Highway number of the crash scene, if
          applicable.</xsd:documentation>
        </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:minLength value="1"/>
          <xsd:maxLength value="6"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element name="ReferencePostNumber" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Number of the nearest Reference Post to the crash scene, if
          applicable.</xsd:documentation>
        </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="6"/>
          <xsd:fractionDigits value="3"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element type="DirectionalDistanceFeetType" name="Measure" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Contains direction from and distance in feet from the nearest Reference
          Post to the crash scene, if applicable.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:complexType name="CrashNotAtIntersectionType">
  - <xsd:sequence>
    - <xsd:element name="NearestLandmark">
      - <xsd:annotation>

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        <xsd:documentation>Name of the nearest Street,Bridge, RR crossing,
            etc.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:maxLength value="30"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
- <xsd:element type="DirectionalDistanceUnitType" name="Measure">
    - <xsd:annotation>
        <xsd:documentation>Contains direction from and distance from a landmark. Unit can be in
            feet or miles.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="CrashReportType">
    - <xsd:annotation>
        <xsd:documentation>Nebraska Department of Transportation Investigators report form expressed as an
            XML schema.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="GeneralInformationType" name="GeneralInformation">
            - <xsd:annotation>
                <xsd:documentation>Contains General information about the Crash, like submitting entity,
                    date and time of crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="InvestigatorType" name="Investigator" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Contains information about the investigator of the
                    crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="CrashLocationType" name="CrashLocation">
            - <xsd:annotation>
                <xsd:documentation>Contains information about the location of the
                    crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="CrashClassificationType" name="CrashClassification">
            - <xsd:annotation>
                <xsd:documentation>Contains information about the classification of the crash
                    scene.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="CrashDiagramType" name="CrashDiagram">
            - <xsd:annotation>
                <xsd:documentation>Contains diagram about the crash site.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="VehicleType" name="Vehicle" minOccurs="1" maxOccurs="unbounded">

```

```

- <xsd:annotation>
  <xsd:documentation>Contains information about a vehicle involved in the
    crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="NonMotoristType" name="NonMotorist" minOccurs="0"
maxOccurs="unbounded">
  - <xsd:annotation>
    <xsd:documentation>Contains information about a NonMotorist involved in the
      Crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
- <xsd:element type="DamagedPropertyType" name="DamagedProperty" minOccurs="0"
maxOccurs="unbounded">
  - <xsd:annotation>
    <xsd:documentation>Contains information about damaged property involved in the
      crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
- <xsd:element type="WitnessType" name="Witness" minOccurs="0" maxOccurs="unbounded">
  - <xsd:annotation>
    <xsd:documentation>Contains information about a Witness concerning the
      crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="CrashRuralType">
  - <xsd:annotation>
    <xsd:documentation>Contains information about a crash if it occurred outside city limits (nearest city,
      measure 1 and measure 2).</xsd:documentation>
    </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="CityCensusIdType" name="NearestCity">
      - <xsd:annotation>
        <xsd:documentation>The nearest City (by census ID).</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element type="DirectionalDistanceMileType" name="Measure1">
      - <xsd:annotation>
        <xsd:documentation>Contains direction from and distance in miles from the nearest
          city.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element type="DirectionalDistanceMileType" name="Measure2" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Contains direction from and distance in miles from the nearest
          city.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:complexType name="DamagedPropertyType">

```

```

- <xsd:annotation>
  <xsd:documentation>Contains information about damaged property involved in the
    crash.</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  - <xsd:element name="CostOfDamage">
    - <xsd:annotation>
      <xsd:documentation>Approximate cost of the damaged property, whole dollars
        USD.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:integer">
        <xsd:maxInclusive value="999999999"/>
        <xsd:minInclusive value="0"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element name="DamagedObjectName">
    - <xsd:annotation>
      <xsd:documentation>Name of this property object damaged in this
        crash.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="40"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:choice>
    - <xsd:element type="OwnerType" name="Owner">
      - <xsd:annotation>
        <xsd:documentation>Contains information about the owner of the damaged
          property.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:choice>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="DirectionalDistanceFeetType">
  - <xsd:annotation>
    <xsd:documentation> Contains information about the direction and distance from the the nearest
      Reference Post.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="xsd:int" name="Distance">
      - <xsd:annotation>
        <xsd:documentation>The number of feet from the nearest Reference
          Post.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="Direction">
      - <xsd:annotation>

```

```

        <xsd:documentation>Road direction from nearest Reference Post. This is not a compass
            direction, but a linear reference using the road as the framework.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="DirectionalDistanceMileType">
    - <xsd:annotation>
        <xsd:documentation>Contains information about the direction and distance from the nearest
            city.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element name="Distance">
            - <xsd:annotation>
                <xsd:documentation>The number of miles from the nearest city.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:decimal">
                    <xsd:totalDigits value="6"/>
                    <xsd:fractionDigits value="2"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="Direction">
            - <xsd:annotation>
                <xsd:documentation>Compass direction from nearest city.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="DirectionalDistanceUnitType">
    - <xsd:annotation>
        <xsd:documentation>Contains information about the direction and distance from the the nearest city or
            landmark.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="DistanceMeasureType" name="Units">
            - <xsd:annotation>
                <xsd:documentation>Denotes the unit used for the measurement number. Must be miles
                    ("Miles", "mi") or feet ("Feet", "ft").</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element name="Distance">
            - <xsd:annotation>
                <xsd:documentation>The number of miles from the nearest city or
                    landmark.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:decimal">
                    <xsd:totalDigits value="6"/>
                    <xsd:fractionDigits value="2"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>

```

```

    </xsd:element>
  - <xsd:element type="Code2Numeric" name="Direction">
    - <xsd:annotation>
      <xsd:documentation>Compass direction from nearest city or landmark.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:simpleType name="DistanceMeasureType">
  - <xsd:annotation>
    <xsd:documentation>Denotes the unit used for the measurement number. Must be miles ("Miles","mi")
    or feet ("Feet","ft") .</xsd:documentation>
  </xsd:annotation>
  - <xsd:restriction base="xsd:string">
    <xsd:enumeration value="Miles"/>
    <xsd:enumeration value="Feet"/>
    <xsd:enumeration value="mi"/>
    <xsd:enumeration value="ft"/>
  </xsd:restriction>
</xsd:simpleType>
- <xsd:complexType name="DriverInfoType">
  - <xsd:annotation>
    <xsd:documentation>Contains information specific to a Driver of a Motor
    Vehicle.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="DriversLicenseType" name="DriversLicense" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Contains driver's license information.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="SpeedingRelated">
      - <xsd:annotation>
        <xsd:documentation>Indicates whether speeding was a factor in this crash and in what form
        the speeding took.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="ActionAtTimeOfCrash" minOccurs="1"
    maxOccurs="4">
      - <xsd:annotation>
        <xsd:documentation>Action taken by the Driver that may have contributed to the
        crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element name="CitationNumber" minOccurs="0" maxOccurs="2">
      - <xsd:annotation>
        <xsd:documentation>Contains the citation number issued by law enforcement. This can be
        used to retrieve the Violation Code.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="15"/>
        </xsd:restriction>

```



```

        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:complexType name="DriversLicenseType">
  - <xsd:annotation>
    <xsd:documentation>Driver's license information (number, state issued and
      expiration).</xsd:documentation>
    </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="TypeOfJurisdiction">
      - <xsd:annotation>
        <xsd:documentation>The geographic or political entity issuing a driver license. Includes the
          States of the United States (including the District of Columbia and outlying areas),
          Indian Nations, U.S. Government, Canadian Provinces, and Mexican States (including
          the Distrito Federal), as well as other jurisdictions.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element type="StateType" name="State">
      - <xsd:annotation>
        <xsd:documentation>Identifies a state/commonwealth/province/etc. that issued the driver's
          license.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element name="Number">
      - <xsd:annotation>
        <xsd:documentation>Driver's license number.</xsd:documentation>
        </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="20"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="LicenseType">
      - <xsd:annotation>
        <xsd:documentation>Denotes type of license like Learner's permit, Temporary,
          etc.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element type="Code2Numeric" name="ClassCode">
      - <xsd:annotation>
        <xsd:documentation>Denotes the classification code of the license like Motorcycle, regular,
          Class B (> 26,000 pounds GVWR).</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element type="Code2Numeric" name="IsCommercialLicense">
      - <xsd:annotation>
        <xsd:documentation>Denotes whether the Driver's license is a Commercial class
          license.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>

```

```

- <xsd:element type="Code2Numeric" name="LicenseEndorsements" minOccurs="1"
maxOccurs="4">
  - <xsd:annotation>
    <xsd:documentation>Denotes endorsements like School (bus), Double/Triple trailers,
    Passenger van.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="LicenseRestrictionType" name="LicenseRestriction">
  - <xsd:annotation>
    <xsd:documentation>Restrictions assigned to an individual's driver license by the license
    examiner.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="LicenseStatusTypeForPerson">
  - <xsd:annotation>
    <xsd:documentation>The current status of an individual's driver license at the time of the
    crash. Type Applicable for This Person.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="LicenseStatus">
  - <xsd:annotation>
    <xsd:documentation>The current status of an individual's driver license at the time of the
    crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="DriverType">
  - <xsd:annotation>
    <xsd:documentation>Contains information about the Driver of a Vehicle.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="DriverInfoType" name="DriverInfo">
      - <xsd:annotation>
        <xsd:documentation>Contains information specific to a Driver of a Motor
        Vehicle.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="OperatorInfoType" name="OperatorInfo">
      - <xsd:annotation>
        <xsd:documentation>Contains information specific to the operation of a Motor
        Vehicle.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="DrugTestedType">
  - <xsd:annotation>
    <xsd:documentation>Contains information concerning drug use involved in the
    Crash.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="DrugSuspected">

```

```

- <xsd:annotation>
  <xsd:documentation>Indicates whether the law enforcement officer suspects drug
  use.</xsd:documentation>
</xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="DrugTypeSuspected" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates whether the law enforcement officer suspects drug
    use.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="DrugTestStatus">
  - <xsd:annotation>
    <xsd:documentation>Indicates whether a drug test was conducted.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="DrugTestType" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates the type of drug test given, like blood, breath,
    etc.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="DrugTestResult" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates the result for the drug test.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element name="DrugLevel" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates level of intoxication akin to Blood Alcohol
    Level.</xsd:documentation>
  </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      <xsd:minLength value="3"/>
      <xsd:maxLength value="3"/>
      <xsd:pattern value="[0-9]{3}"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="EventSequenceType">
  - <xsd:annotation>
    <xsd:documentation> Code which describes up to 4 events that took place in sequence to produce
    injury or property damage for this vehicle. List the Most Harmful Event that produced the most
    severe injury or greatest property damage for this vehicle.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="FirstEvent">
      - <xsd:annotation>
        <xsd:documentation>Indicates the first event affecting this vehicle relative to the Crash,
        whether damaging or not.</xsd:documentation>

```

```

    </xsd:annotation>
  </xsd:element>
- <xsd:element type="Code2Numeric" name="SecondEvent" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates the second event affecting this vehicle relative to the Crash,
      whether damaging or not.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="ThirdEvent" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates the third event affecting this vehicle relative to the Crash,
      whether damaging or not.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="FourthEvent" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates the fourth event affecting this vehicle relative to the Crash,
      whether damaging or not.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="MostHarmfulEvent">
  - <xsd:annotation>
    <xsd:documentation>Indicates the most harmful event listed in the sequence of events that
      caused the most harm to this Vehicle.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="FatalOperatorInfoType">
  - <xsd:annotation>
    <xsd:documentation>Contains more detailed information about Alcohol and Drug testing due to a fatal
      crash.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="AttemptedAvoidanceManeuver">
      - <xsd:annotation>
        <xsd:documentation>Indicates the driver's action to avoid the crash like decelerating,
          braking, steering.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="PreImpactStability">
      - <xsd:annotation>
        <xsd:documentation>Indicates the Vehicle's action like skidding.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="FatalAlcoholTestType">
      - <xsd:annotation>
        <xsd:documentation>Indicates the type of alcohol test given, like blood, breath,
          etc.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  - <xsd:element name="FatalAlcoholTestResult">
    - <xsd:annotation>

```

```

        <xsd:documentation>Contains actual blood alcohol result or other
            indicator.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:minLength value="3"/>
            <xsd:maxLength value="3"/>
            <xsd:pattern value="[0-9]{3}"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
- <xsd:element type="Code2Numeric" name="FatalDrugTestType">
    - <xsd:annotation>
        <xsd:documentation>Indicates the type of drug test given, like blood, breath,
            etc.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element name="FatalDrugTestResult">
    - <xsd:annotation>
        <xsd:documentation>Contain indicators of drug type detected and level of
            intoxication.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:minLength value="3"/>
            <xsd:maxLength value="3"/>
            <xsd:pattern value="[0-9]{3}"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="GeneralInformationType">
    - <xsd:annotation>
        <xsd:documentation>General information about the crash like who submitted and when. Includes
            embedded scanned PDF document.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element name="AgencyId">
            - <xsd:annotation>
                <xsd:documentation>Identifies Agency responsible for the report.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:string">
                    <xsd:maxLength value="9"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        - <xsd:element name="UserId">
            - <xsd:annotation>
                <xsd:documentation>Identifies the person submitting the report. This Id is related to the
                    email address that will receive confirmation.</xsd:documentation>
            </xsd:annotation>

```

- <xsd:simpleType>
  - <xsd:restriction base="xsd:string">
    - <xsd:maxLength value="30"/>
- </xsd:simpleType>
- </xsd:element>
- <xsd:element name="SubmittingAgency">
  - <xsd:annotation>
    - <xsd:documentation>Identifies the Agency that submitted the XML file. This most likely will be an ID related to a vendor.</xsd:documentation>
  - </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      - <xsd:maxLength value="50"/>
  - </xsd:simpleType>
- </xsd:element>
- <xsd:element name="SubmittingAgencyCrashUniqueKey">
  - <xsd:annotation>
    - <xsd:documentation>A Unique Key for a specific crash that submitting agency will use to reference the crash. A GUID could be used but should be stored by the agency for future reference to this crash.</xsd:documentation>
  - </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      - <xsd:maxLength value="40"/>
  - </xsd:simpleType>
- </xsd:element>
- <xsd:element name="AgencyCaseNumber" minOccurs="0">
  - <xsd:annotation>
    - <xsd:documentation>Case numbering system used by the agency that is sending the information.</xsd:documentation>
  - </xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      - <xsd:maxLength value="20"/>
  - </xsd:simpleType>
- </xsd:element>
- <xsd:element type="Code1Numeric" name="CrashReportType">
  - <xsd:annotation>
    - <xsd:documentation>Indicates the type of Crash Report; Driver or Investigator.</xsd:documentation>
  - </xsd:annotation>
- </xsd:element>
- <xsd:element type="Code1Numeric" name="CrashDay">
  - <xsd:annotation>
    - <xsd:documentation>The day of the week on which the crash occurred.</xsd:documentation>
  - </xsd:annotation>
- </xsd:element>
- <xsd:element type="xsd:dateTime" name="CrashDateTime">
  - <xsd:annotation>

```

        <xsd:documentation>Date and Time of Crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  - <xsd:element type="Code1Numeric" name="ReportStatus">
    - <xsd:annotation>
      <xsd:documentation>Status of this xml message: 2 = New Crash Report, 6 = Amended Crash
        Report</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element name="LocalIdOrDistrict" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>Some law enforcement agencies have record management systems that
        require a separate identifying number for every person involved in a
        crash.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="15"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element type="ReportImageType" name="ReportImage">
    - <xsd:annotation>
      <xsd:documentation>This is an image of the completed crash form containing all pages, front
        and back in a PDF format.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="PositiveIntegerType" name="VehiclesInvolvedCount">
    - <xsd:annotation>
      <xsd:documentation>The total number of motor vehicles (automobiles, single-unit trucks,
        truck combinations, motorcycles, etc.) that are involved in the
        crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="PositiveIntegerType" name="NumberofMotorists">
    - <xsd:annotation>
      <xsd:documentation>The total number of non-motorists refers to the count of persons that are
        not occupants of motor vehicles (pedestrians, pedalcyclists, etc.).</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="PositiveIntegerType" name="NumberofNonMotorists">
    - <xsd:annotation>
      <xsd:documentation>The total number of non-motorists refers to the count of persons that are
        not occupants of motor vehicles (pedestrians, pedalcyclists, etc.).</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="PositiveIntegerType" name="NumberofNonFatallyInjured">
    - <xsd:annotation>
      <xsd:documentation>The total number of persons injured, excluding fatalities within 30 days
        in the crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="PositiveIntegerType" name="NumberofFatalities">

```

```

- <xsd:annotation>
  <xsd:documentation>The total number of fatalities (motorists and non-motorists) that resulted
    from injuries sustained as the result of a specific motor vehicle
    crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="HazMatType">
  - <xsd:annotation>
    <xsd:documentation>DEFINTION: Information if Hazardous Material involved (placard displayed,
      placard number and cargo spill).</xsd:documentation>
    </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="PlacardClass" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>1-digit hazard class number from bottom of diamond
          placard.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element name="PlacardUNNumber" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>4-digit hazard class number from body of diamond
          placard.</xsd:documentation>
        </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="4"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element name="PlacardName" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Description of hazard from body of diamond
          placard.</xsd:documentation>
        </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="17"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="CargoSpill">
      - <xsd:annotation>
        <xsd:documentation>Indicates if there was a hazardous materials cargo spill.
          </xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:complexType name="InjuryInfoType">
  - <xsd:annotation>

```



```

    <xsd:documentation>Contains information of this person's injury, like whether transported and to what
    medical facility.</xsd:documentation>
  </xsd:annotation>
- <xsd:sequence>
  - <xsd:element type="Code2Numeric" name="TransportedToMedicalFacility">
    - <xsd:annotation>
      <xsd:documentation>Indicates whether and how the injured person was moved from the
      crash scene to a medical facility.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="Code2Numeric" name="EmergencyResponder">
    - <xsd:annotation>
      <xsd:documentation>Identifies the Emergency Medical Service that transported the injured
      person, by code value.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element name="EMSRunReportNumber" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>Run Report number from the Nebraska Ambulance and Rescue System
      Information System (NARSIS) report. These are the forms EMS Services are required to
      fill out when they respond to an emergency call and send to Nebraska Health and Human
      Services System.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="20"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element type="Code3Numeric" name="MedicalFacility" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>Identifies the hospital or other medical facility to which the injured
      person was transported, by code value.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="Code3Numeric" name="InjuryStatus">
    - <xsd:annotation>
      <xsd:documentation>The injury severity level for a person Involved in a
      crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="Code2Numeric" name="BodyRegionInjured">
    - <xsd:annotation>
      <xsd:documentation>Indicates the area of this person's body that suffered the most severe
      injury.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="InsuranceType">
  - <xsd:annotation>
    <xsd:documentation>Information concerning the Vehicle Insurance covering the
    crash.</xsd:documentation>

```

```

</xsd:annotation>
- <xsd:sequence>
  - <xsd:element type="Code2Numeric" name="InsuranceCompanyCode" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>Identifies the Insurance Company insuring this Vehicle using a code
        value.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element name="InsuranceCompanyName" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>Name of Insurance Company insuring this
        Vehicle.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="35"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element name="InsurancePolicyNumber" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>The policy number of the insurance insuring this
        Vehicle.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="35"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="InvestigatorType">
  - <xsd:annotation>
    <xsd:documentation>Contains information specific to the Investigator at the crash scene (investigator
      name, agency name, troop/team/beat, photographs taken, video taken, officer number,
      investigation made at scene and report date).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="NameType" name="InvestigatorName">
      - <xsd:annotation>
        <xsd:documentation>Contains the name of the Investigator.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element name="OfficerNumber">
      - <xsd:annotation>
        <xsd:documentation>The Investigating Officer's number (badge)</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

    </xsd:element>
  - <xsd:element name="AgencyName">
    - <xsd:annotation>
      <xsd:documentation>The Investigating Officer's Agency.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="50"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element name="TroopTeamBeat" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>The Investigating Officer's Troop, Team, Beat
        information.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="25"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element type="YesNoType" name="PhotographsTaken">
    - <xsd:annotation>
      <xsd:documentation>Denotes whether photographs were taken at the scene of the
        crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="YesNoType" name="InvestigationMadeAtScene">
    - <xsd:annotation>
      <xsd:documentation>Denotes whether an investigation was made at the scene of the
        crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="LargeVehicleDescriptionType">
  - <xsd:annotation>
    <xsd:documentation> (1) Large Vehicle with a Gross Vehicle Weight Rating (GVWR) or Gross
      Combination Vehicle Weight Rating (GCVWR) of 10,001 pounds or more, or (2) Vehicle
      displaying a hazardous materials placard, or (3) Bus designed to transport nine or more passengers,
      including the driver (commerce classification, configuration, cargo body, cargo owner, gross
      weight and width).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="Configuration">
      - <xsd:annotation>
        <xsd:documentation>Indicates configuration of the Large Vehicle, like Bus, Single-Unit,
          Bobtail, Triple trailer.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="CargoBody">
      - <xsd:annotation>

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        <xsd:documentation>Indicates the cargo body type of the Large Vehicle, like Pole-Trailer,
            Dump Truck, Flatbed.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element name="CargoBodyOther" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Short description of cargo body, if 'CargoBody' =
            "Other".</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:maxLength value="25"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
- <xsd:element type="Code2Numeric" name="GrossWeightRating">
    - <xsd:annotation>
        <xsd:documentation>Indicates the class of Gross Vehicle Weight Rating (GVWR), by code
            value.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="SpecialSizing" minOccurs="1" maxOccurs="4">
    - <xsd:annotation>
        <xsd:documentation>Indicates whether the Vehicle is Over Size in height, length, weight
            and/or width.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="PositiveIntegerType" name="Width">
    - <xsd:annotation>
        <xsd:documentation>The width, in inches, of the widest part of the Large Vehicle, often 96
            inches or 102 inches.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="LargeVehicleType">
    - <xsd:annotation>
        <xsd:documentation>Contains information specific to a Large Vehicle, if a Vehicle is indeed demmed
            to be a Large (commercial) Vehicle.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="LargeVehicleLicenseType" name="LargeVehicleLicense">
            - <xsd:annotation>
                <xsd:documentation>Contains information about the licensing related to a Large
                    (commercial) Vehicle.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="LargeVehicleDescriptionType" name="LargeVehicleDescription">
            - <xsd:annotation>
                <xsd:documentation>Contains descriptive information specific to a Large (commercial)
                    Vehicle.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>

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- <xsd:element type="CarrierInfoType" name="CarrierInfo">
    - <xsd:annotation>
      - <xsd:documentation>Contains information about the Carrier that operates a Large (commercial) Vehicle.</xsd:documentation>
  - <xsd:element type="HazMatType" name="HazMat" minOccurs="0">
    - <xsd:annotation>
      - <xsd:documentation>Contains detailed information about one of the Hazardous Material Placards found on the vehicle or trailers.</xsd:documentation>
  - <xsd:element type="xsd:integer" name="TractorNumberOfAxles" minOccurs="0">
    - <xsd:annotation>
      - <xsd:documentation>The number of axles in use at the time of the crash on Tractor unit of a large truck.</xsd:documentation>
  - <xsd:element type="TrailerInfoType" name="TrailerInfo" minOccurs="0" maxOccurs="3">
    - <xsd:annotation>
      - <xsd:documentation>Contains trailer information like Make, model, plate, etc.</xsd:documentation>
- </xsd:sequence>
- </xsd:complexType>
- <xsd:complexType name="LargeVehicleLicenseType">
    - <xsd:annotation>
      - <xsd:documentation>Contains information about the licensing related to a Large (commercial) Vehicle.</xsd:documentation>
    - <xsd:sequence>
      - <xsd:element type="Code2Numeric" name="CMVLicenseStatus">
        - <xsd:annotation>
          - <xsd:documentation>Indicates the status, like Valid, Revoked, Expired for a driver's Commercial Driver's License (CDL).</xsd:documentation>
      - <xsd:element type="Code2Numeric" name="CDLCompliance">
        - <xsd:annotation>
          - <xsd:documentation>Indicates whether the vehicle driven at the time of the crash requires endorsement(s) on a CDL and whether this driver is complying with the CDL endorsements.</xsd:documentation>
      - <xsd:element type="Code2Numeric" name="LargeVehiclePermitted">
        - <xsd:annotation>
          - <xsd:documentation>Indicates Permits allowing this Large Vehicle to be Over Height, Over Length and Over Weight.</xsd:documentation>
      - <xsd:element type="Code2Numeric" name="LargeVehicleEscort">
        - <xsd:annotation>

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        <xsd:documentation>Indicates whether an escort vehicle was present, not present and/or not
            needed.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="LicenseRestrictionType">
    - <xsd:annotation>
        <xsd:documentation>Restrictions assigned to an individual's driver license by the license examiner.
            Used to identify if a driver involved in crash has limitations on their driver
            license.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="Code2Numeric" name="LicenseRestrictions" maxOccurs="3">
            - <xsd:annotation>
                <xsd:documentation>Driver License Restrictions.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="LicenseRestrictionAlcoholInterlockPresent"
            minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Alcohol Interlock Present?</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="NameType">
    - <xsd:annotation>
        <xsd:documentation>Contains the name of the person.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element name="FirstName" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>First name of a person. Given name.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:string">
                    <xsd:maxLength value="15"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        - <xsd:element name="MiddleName" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Middle name, initial, or multiple initials or a
                    person.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:string">
                    <xsd:maxLength value="35"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        - <xsd:element name="LastName">

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- <xsd:annotation>
  - <xsd:documentation>Last name of the person. Family name or surname.</xsd:documentation>
</xsd:annotation>
- <xsd:simpleType>
  - <xsd:restriction base="xsd:string">
    - <xsd:maxLength value="35"/>
</xsd:restriction>
</xsd:simpleType>
- </xsd:element>
- <xsd:element name="NameSuffix" minOccurs="0">
  - <xsd:annotation>
    - <xsd:documentation>Suffix name of a person, like Jr., Sr., III. Formal name suffix.</xsd:documentation>
</xsd:annotation>
  - <xsd:simpleType>
    - <xsd:restriction base="xsd:string">
      - <xsd:maxLength value="4"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
- </xsd:sequence>
- </xsd:complexType>
- <xsd:complexType name="NonMotoristInfoType">
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="ActionPriorToCrash">
      - <xsd:annotation>
        - <xsd:documentation>Indicates what this NonMotorist was doing just prior to the crash, like crossing, walking, waiting, cycling.</xsd:documentation>
</xsd:annotation>
</xsd:element>
    - <xsd:element type="Code2Numeric" name="ActionAtTimeOfCrash" minOccurs="1" maxOccurs="2">
      - <xsd:annotation>
        - <xsd:documentation>Indicates actions taken by this NonMotorist which may have contributed to the occurrence of the crash.</xsd:documentation>
</xsd:annotation>
</xsd:element>
    - <xsd:element type="Code2Numeric" name="Location">
      - <xsd:annotation>
        - <xsd:documentation>Indicates where this NonMotorist was located at the time of the crash.</xsd:documentation>
</xsd:annotation>
</xsd:element>
    - <xsd:element type="Code2Numeric" name="OriginDestination">
      - <xsd:annotation>
        - <xsd:documentation>Indicates the origin and/or the intended destination of this NonMotorist, like to/from school, to/from Transit.</xsd:documentation>
</xsd:annotation>
</xsd:element>
    - <xsd:element type="Code2Numeric" name="SafetyEquipment" minOccurs="1" maxOccurs="5">
      - <xsd:annotation>

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        <xsd:documentation>Indicates the type of safety equipment being used by this NonMotorist
            at the time of the crash.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="PositiveIntegerType" name="CollidedWithVehicleNumber">
    - <xsd:annotation>
        <xsd:documentation>Indicates which Vehicle collided with this
            NonMotorist.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="NonMotoristType">
    - <xsd:annotation>
        <xsd:documentation> Person not in a vehicle and affected by the crash (person information,
            NonMotorist classification, transported to medical facility, injury severity, body region injured,
            ejected/trapped, medical facility, emergency responder, EMS run report number, NonMotorist
            reference number and alcohol tested).</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="PositiveIntegerType" name="NonMotoristReferenceNumber">
            - <xsd:annotation>
                <xsd:documentation>Uniquely identifies this NonMotorist within this
                    Crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="PersonInfoType" name="PersonInfo">
            - <xsd:annotation>
                <xsd:documentation>Contains personal information about this
                    NonMotorist.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="NonMotoristInfoType" name="NonMotoristInfo">
            - <xsd:annotation>
                <xsd:documentation>Contains crash-related information about this
                    NonMotorist.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="OperatorInfoType" name="OperatorInfo">
            - <xsd:annotation>
                <xsd:documentation>Contains information specific to the operation of a non-Motor Vehicle,
                    even a person's own body.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="OccupantInfoType">
    - <xsd:annotation>
        <xsd:documentation>Contains information about a Motor Vehicle Occupant.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="Code2Numeric" name="SeatingPositionRow">
            - <xsd:annotation>

```



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        <xsd:documentation>Denotes the seating row (first, second, third) of the
            Occupant.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="SeatingPositionSeat">
    - <xsd:annotation>
        <xsd:documentation>Denotes the seating seat (left, middle, right) of the
            Occupant.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="SeatingPositionOther">
    - <xsd:annotation>
        <xsd:documentation>Denotes 'other' seating position, like sleeper cab, trailer, cargo
            area.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="RestraintUse">
    - <xsd:annotation>
        <xsd:documentation>Indicates use of restraint or helmet for an
            Occupant.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="RestraintIndicationOfMisuse">
    - <xsd:annotation>
        <xsd:documentation>Indicates whether law enforcement suspects the restraint system was
            misused.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="AirbagDeployed" minOccurs="1" maxOccurs="4">
    - <xsd:annotation>
        <xsd:documentation>Indicates whether any airbags affecting this Occupant deployed, and
            which ones.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="Ejected">
    - <xsd:annotation>
        <xsd:documentation>Indicates whether this Occupant was ejected from the
            Vehicle.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="OccupantType">
    - <xsd:annotation>
        <xsd:documentation> Occupant of vehicle who was injured in the crash (person information,
            transported to medical facility, injury severity, body region injured, ejected/trapped, seat position,
            medical facility, emergency responder, EMS run report number and injured occupant reference
            number).</xsd:documentation>
    </xsd:annotation>
- <xsd:sequence>
    - <xsd:element type="PositiveIntegerType" name="OccupantReferenceNumber">
        - <xsd:annotation>
            <xsd:documentation>Uniquely identifies an Occupant in a Vehicle.</xsd:documentation>

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        </xsd:annotation>
    </xsd:element>
- <xsd:element type="PersonInfoType" name="PersonInfo">
    - <xsd:annotation>
        <xsd:documentation>Contains personal information about a Motor Vehicle
            Occupant.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="OccupantInfoType" name="OccupantInfo">
    - <xsd:annotation>
        <xsd:documentation>Contains information about this Motor Vehicle
            Occupant.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="OperatorInfoType">
    - <xsd:sequence>
        - <xsd:element type="Code2Numeric" name="DistractedAction">
            - <xsd:annotation>
                <xsd:documentation>Denotes the action the Operator made that constituted a distraction,
                    like looking away from road, daydreaming.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="DistractedSource" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Denotes the source of distraction for the Operator, like portable device,
                    vehicle integration.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="OperatorCondition" minOccurs="1" maxOccurs="2">
            - <xsd:annotation>
                <xsd:documentation>Indicates a relevant condition, like illness, fatigue, impairment of the
                    Operator that is directly related to the crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="AlcoholTestedType" name="AlcoholTested">
            - <xsd:annotation>
                <xsd:documentation>Contains information concerning alcohol use involved in the
                    Crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="DrugTestedType" name="DrugTested">
            - <xsd:annotation>
                <xsd:documentation>Contains information concerning drug use involved in the
                    Crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="FatalOperatorInfoType" name="FatalOperatorInfo" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Contains more detailed alcohol and drug information collected for a
                    fatal Crash.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>

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        </xsd:element>
      </xsd:sequence>
    </xsd:complexType>
  - <xsd:complexType name="OwnerType">
    - <xsd:annotation>
      <xsd:documentation>The name and address of the vehicle owner.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
      - <xsd:element type="NameType" name="Name" minOccurs="0">
        - <xsd:annotation>
          <xsd:documentation>Contains the name of the Owner, if the Owner is a
            person.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      - <xsd:element name="OrganizationName" minOccurs="0">
        - <xsd:annotation>
          <xsd:documentation>The company name of the organization which is not a
            person.</xsd:documentation>
        </xsd:annotation>
        - <xsd:simpleType>
          - <xsd:restriction base="xsd:string">
            <xsd:maxLength value="35"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      - <xsd:element type="PostalAddressType" name="PostalAddress" minOccurs="0">
        - <xsd:annotation>
          <xsd:documentation>Contains postal address information for the
            Owner.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      - <xsd:element type="TelephoneType" name="Telephone" minOccurs="0">
        - <xsd:annotation>
          <xsd:documentation>Identifies a valid telephone number for the
            Owner.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:complexType name="PersonInfoType">
  - <xsd:annotation>
    <xsd:documentation> Person in some way involved in the crash (name, birthdate, sex, address,
      telephone and local Id).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="NameType" name="Name">
      - <xsd:annotation>
        <xsd:documentation>Contains name information.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="BirthDateType" name="BirthDate" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Indicates the date of birth for a person.</xsd:documentation>

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    </xsd:annotation>
  </xsd:element>
- <xsd:element type="xsd:integer" name="Age" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Contains Age of the person at the time of the
      Crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="SexType" name="Sex">
  - <xsd:annotation>
    <xsd:documentation>Indicates the sex of a person.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="PersonType">
  - <xsd:annotation>
    <xsd:documentation>Indicates the type of person, like driver, pedestrian, bicyclist,
      wheelchair-bound, skateboarder, vehicle occupant.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="IncidentResponder">
  - <xsd:annotation>
    <xsd:documentation>Indicates whether this person was an incident responder, like police,
      fire, emergency medical.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="IncidentResponderType" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Indicates what type of Incident responder aided this Person, like police,
      fire, emergency medical.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="InjurySeverity">
  - <xsd:annotation>
    <xsd:documentation>Indicates how severe of an injury this Person suffered due to this
      crash.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="InjuryInfoType" name="InjuryInfo" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Contains information of this person's injury, like whether transported
      and to what medical facility.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="PostalAddressType" name="PostalAddress" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Contains postal address information for a person.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="TelephoneType" name="Telephone" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Identifies a valid telephone number for a person.</xsd:documentation>
  </xsd:annotation>
</xsd:element>

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    </xsd:sequence>
  </xsd:complexType>
- <xsd:simpleType name="PositiveIntegerType">
  - <xsd:annotation>
    <xsd:documentation> Positive integer type - values 0 thru 9999.</xsd:documentation>
  </xsd:annotation>
  - <xsd:restriction base="xsd:int">
    <xsd:minInclusive value="0"/>
    <xsd:maxInclusive value="9999"/>
  </xsd:restriction>
</xsd:simpleType>
- <xsd:complexType name="PostalAddressType">
  - <xsd:annotation>
    <xsd:documentation> A postal location to which paper mail can be directed.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="AddressLineType" name="AddressLine">
      - <xsd:annotation>
        <xsd:documentation>Street address.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="AddressLineType" name="AddressLine2" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Second street address.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="CityType" name="City">
      - <xsd:annotation>
        <xsd:documentation>Identifies a city by name.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="StateType" name="State">
      - <xsd:annotation>
        <xsd:documentation>Identifies a state/commonwealth/province/etc., by a
          code.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="PostalCodeType" name="PostalCode">
      - <xsd:annotation>
        <xsd:documentation>US Postal code for state or the code for Canada or Mexico as described
          in American National Standard D.20.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
- <xsd:simpleType name="PostalCodeType">
  - <xsd:annotation>
    <xsd:documentation>US Postal code for state or the code for Canada or Mexico as described in
      American National Standard D.20.</xsd:documentation>
  </xsd:annotation>
  - <xsd:restriction base="xsd:string">
    <xsd:maxLength value="10"/>
    <xsd:pattern value="[0-9]{5}(-[0-9]{4})?"/>
  </xsd:restriction>

```

```

    <xsd:pattern value="[A-Z][0-9][A-Z] [0-9][A-Z][0-9]"/>
      <!-- American and Mexican zip code -->
      <!-- Canadian zip code -->
    </xsd:restriction>
  </xsd:simpleType>
- <xsd:complexType name="ReportImageType">
  - <xsd:annotation>
    <xsd:documentation> Contains information specific to Digital data photos or movies like image
      data).</xsd:documentation>
    </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="xsd:string" name="ImageData">
      - <xsd:annotation>
        <xsd:documentation>Image data in the format of a PDF converted to
          Base64.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
- <xsd:simpleType name="SexType">
  - <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="F"/>
    <xsd:enumeration value="M"/>
    <xsd:enumeration value="U"/>
    <xsd:enumeration value="f"/>
    <xsd:enumeration value="m"/>
    <xsd:enumeration value="u"/>
  </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="TelephoneType">
  - <xsd:annotation>
    <xsd:documentation> Telephone number, consisting of area code, prefix and line number (example:
      4025551212 where 402 is the area code, 555 is the prefix and 1212 is the line
      number).</xsd:documentation>
    </xsd:annotation>
  - <xsd:restriction base="xsd:string">
    <xsd:pattern value="[0-9]{10}"/>
  </xsd:restriction>
</xsd:simpleType>
- <xsd:complexType name="TrailerInfoType">
  - <xsd:annotation>
    <xsd:documentation> Information about the trailers attached to the tractor.</xsd:documentation>
    </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="VINType" name="VIN" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>The Vehicle Identification Number of this trailer.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    - <xsd:element type="VehicleMakeType" name="TrailerMake">
      - <xsd:annotation>

```

```

        <xsd:documentation>NCIC/DMV coded manufacturer identifier for likes of Chassis King,
            Doonan, Landsport, etc.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="TrailerModelType" name="TrailerModel" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>The coded model identifier like (Pitts Trailers) LP40-4UL, (Fontaine
            Trailers) Revolution, etc. and/or Specified / Not Applicable / Unknown
            indicator</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="xsd:integer" name="TrailerModelYear" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>The model year of manufacture of this trailer.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="xsd:integer" name="TrailerNumberOfAxles" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>The number of axles in use at the time of the crash on this
            trailer.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="VehiclePlateType" name="TrailerPlate" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Contains information on the license plate for this
            trailer.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="CarrierUnitNumberType" name="TrailerCarrierUnitNumber"
    minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Unique ID, possible alpha-numeric, assigned by the Carrier to identify
            specific Trucking Units. May be blank.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="TrafficwayType">
    - <xsd:annotation>
        <xsd:documentation> Denotes and describes roadway type. </xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="Code2Numeric" name="TrafficwayTypeTravelDirections">
            - <xsd:annotation>
                <xsd:documentation>Identifies whether the traffic-way associated with this vehicle serves
                    one-way or two-way traffic.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="Code2Numeric" name="TrafficwayTypeDivided">
            - <xsd:annotation>
                <xsd:documentation>Identifies whether or not the traffic-way for this vehicle is
                    divided.</xsd:documentation>
            </xsd:annotation>

```

```

    </xsd:element>
  - <xsd:element type="Code2Numeric" name="TrafficwayTypeBarrierType">
    - <xsd:annotation>
      <xsd:documentation>Identifies the barrier type on the roadway.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="Code2Numeric" name="TrafficwayHOVHOTLanes">
    - <xsd:annotation>
      <xsd:documentation>Identifies the configuration of the HOV/HOT lane if this vehicle's
        involvement in the crash was related to its entry, use of, or exit from an HOV/HOT
        lane.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="Code2Numeric" name="TrafficwayCrashRelatedHOVHOTLane">
    - <xsd:annotation>
      <xsd:documentation>Identifies whether or not the Crash was HOV/HOT lane
        related.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="TotalNumberOfThroughLanesType">
  - <xsd:annotation>
    <xsd:documentation> Total number of lanes in the roadway on which this MV was traveling.
  </xsd:documentation>
</xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="PositiveIntegerType" name="TotalNumberOfThroughLanesThroughLanes">
      - <xsd:annotation>
        <xsd:documentation>Total through lanes on which this MV was traveling, excluding
          auxiliary lanes.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="PositiveIntegerType" name="TotalNumberOfThroughLanesAuxLanes">
      - <xsd:annotation>
        <xsd:documentation>Total auxiliary lanes on which this MV was
          traveling.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="TrailerModelType">
  - <xsd:annotation>
    <xsd:documentation> The manufacturer-assigned description denoting a family of trailers within a
      make that have a degree of similarity in construction, such as body, chassis, etc.
    </xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="VehicleModelType" name="TrailerModelDescription">
      - <xsd:annotation>
        <xsd:documentation>The manufacturer-assigned description denoting a family of
          trailers.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>

```



```

    </xsd:element>
  - <xsd:element type="Code2Numeric" name="TrailerModelDescNotSpecifiedReason">
    - <xsd:annotation>
      <xsd:documentation>Trailer Description Specified, Not Applicable (Bus or truck with no
        trailing units) or Unknown (information unavailable) indicator.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="VehicleAutomationType">
  - <xsd:annotation>
    <xsd:documentation>Denotes aspects of the level of automation available and use of automation on
      this Vehicle. </xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="VehicleAutomationSystemInVehicle">
      - <xsd:annotation>
        <xsd:documentation>Automation System or Systems in Vehicle.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="VehicleAutomationLevel" minOccurs="1"
      maxOccurs="5">
      - <xsd:annotation>
        <xsd:documentation>Denotes the level of automation available and use of automation on this
          Vehicle, but not necessarily in use at the time of the crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="VehicleAutomationUsedAtTimeOfCrash"
      minOccurs="1" maxOccurs="5">
      - <xsd:annotation>
        <xsd:documentation>Denotes the use of automation system levels engaged at time of
          crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="VehicleDamageType">
  - <xsd:annotation>
    <xsd:documentation>Contains vehicle damage information (extent of damage, disposition of vehicle,
      impact point, most damaged area and estimated damage).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="ImpactPoint">
      - <xsd:annotation>
        <xsd:documentation>Indicates the initial point of impact on this Vehicle using a 12-point
          compass.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="DamagedArea" maxOccurs="12">
      - <xsd:annotation>
        <xsd:documentation>Indicates the area on this Vehicle that was damaged using an 12-point
          compass.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

    </xsd:element>
  - <xsd:element type="Code2Numeric" name="ExtentOfDamage">
    - <xsd:annotation>
      <xsd:documentation>Relative amount of damage this Vehicle received from the
        crash.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element name="EstimatedDamage">
    - <xsd:annotation>
      <xsd:documentation>Damage estimate close to what it would cost to repair the
        vehicle.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:double">
        <xsd:minInclusive value="0"/>
        <xsd:maxInclusive value="9999999"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  - <xsd:element type="Code2Numeric" name="VehicleTowed">
    - <xsd:annotation>
      <xsd:documentation>Indicates what happened to this Vehicle after the crash and
        investigation.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="YesNoType" name="VehicleTotaled">
    - <xsd:annotation>
      <xsd:documentation>Indicates if vehicle is designated as being
        "Totaled".</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="VehicleDescriptionType">
  - <xsd:annotation>
    <xsd:documentation> Contains information about the vehicle (vehicle model year, vehicle model,
      vehicle make, vehicle style, vehicle type and vehicle color).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence minOccurs="0">
    - <xsd:element type="VINType" name="VIN" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Vehicle Identification Number normally imprinted by the manufacturer
          but occasionally assigned by titling or registration agencies.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element name="VehicleUnitType">
      - <xsd:annotation>
        <xsd:documentation>Denotes the type of Vehicle, like parked, in transport,
          working.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="PositiveIntegerType" name="VehicleNumber">
      - <xsd:annotation>

```

- ```

        <xsd:documentation>Denotes the type of Vehicle, like parked, in transport,
        working.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="VehiclePlateType" name="VehiclePlate">
    - <xsd:annotation>
        <xsd:documentation>Contains license plate and registration information for this
        vehicle.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="VehicleMakeType" name="VehicleMake">
    - <xsd:annotation>
        <xsd:documentation>NCIC/DMV Vehicle Make information - see information defined in
        VehicleMakeType.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="xsd:integer" name="VehicleModelYear">
    - <xsd:annotation>
        <xsd:documentation>Vehicle Model Year.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="VehicleModelType" name="VehicleModel">
    - <xsd:annotation>
        <xsd:documentation>Vehicle Model, like (Honda) Accord, (Toyota) Corolla, (Dodge)
        Charger, (Chevrolet) Corvette expressed as free form text field.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="VehicleBodyStyleType" name="VehicleBodyStyle">
    - <xsd:annotation>
        <xsd:documentation>NCIC/DMV Vehicle Body Type, like passenger car, pickup,
        motorcycle, semi-tractor. This is used, in part, to determine if this Vehicle is a Large
        (commercial) Vehicle.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="VehicleSpecialFunction">
    - <xsd:annotation>
        <xsd:documentation>Indicates the special function of a vehicle, like fire fighting, police,
        ambulance even if the vehicle is not officially marked for such
        use.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="VehicleEmergencyUse">
    - <xsd:annotation>
        <xsd:documentation>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 as a police vehicle, fire truck, or ambulance while actually
        engaged in such response.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="HazmatPlacardDisplayed">
    - <xsd:annotation>

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    <xsd:documentation>Indicates whether there are one or more Hazardous Materials placards
      displayed on the Vehicle or trailers. This is used, in part, to determine if this Vehicle is a
      Large (commercial) Vehicle.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="TrailingUnits">
  - <xsd:annotation>
    <xsd:documentation>Indicates number of trailers attached to driving
      unit.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="VehicleColorType" name="VehicleColor" maxOccurs="2">
  - <xsd:annotation>
    <xsd:documentation>NCIC Color of this Vehicle. Can occur twice for a 2-colored
      Vehicle.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="VehicleAutomationType" name="VehicleAutomation">
  - <xsd:annotation>
    <xsd:documentation>Denotes aspects of the level of automation available and use of
      automation on this Vehicle.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="VehicleMovementType">
  - <xsd:annotation>
    <xsd:documentation>Contains information about the vehicle movement prior to the crash (vehicle
      movement, direction and road name).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence minOccurs="0">
    - <xsd:element type="Code2Numeric" name="Direction">
      - <xsd:annotation>
        <xsd:documentation>The direction of a motor vehicle's travel on the roadway before the
          crash. Notice that this is not a compass direction, but a direction consistent with the
          designated direction of the road.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="VehicleManeuver">
      - <xsd:annotation>
        <xsd:documentation>Indicates the controlled maneuver for this Vehicle prior to the
          beginning of the sequence of events.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  - <xsd:element type="EventSequenceType" name="EventSequence">
    - <xsd:annotation>
      <xsd:documentation>Describes the progression of the crash through a series of
        events.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="Code2Numeric" name="VehicleContributingCircumstances" maxOccurs="2">
    - <xsd:annotation>

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        <xsd:documentation>Indicates what types of mechanical problems this Vehicle experienced
            that may have contributed to the Crash.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element name="RoadName" minOccurs="0">
    - <xsd:annotation>
        <xsd:documentation>Name of the road on which this Vehicle was moving or parked before
            the crash.</xsd:documentation>
    </xsd:annotation>
    - <xsd:simpleType>
        - <xsd:restriction base="xsd:string">
            <xsd:maxLength value="30"/>
        </xsd:restriction>
    </xsd:simpleType>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="VehiclePlateType">
    - <xsd:annotation>
        <xsd:documentation>Contains license plate and registration information for a Vehicle or
            Trailer.</xsd:documentation>
    </xsd:annotation>
    - <xsd:sequence>
        - <xsd:element type="StateType" name="PlateRegistrationState">
            - <xsd:annotation>
                <xsd:documentation>Identifies the state/commonwealth/province/etc. of the Vehicle or
                    Trailer registration.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="xsd:integer" name="PlateRegistrationYear">
            - <xsd:annotation>
                <xsd:documentation>Year of expiration of most recent registration.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element name="PlateNumber">
            - <xsd:annotation>
                <xsd:documentation>The characters appearing on a license plate affixed to a Vehicle or
                    Trailer.</xsd:documentation>
            </xsd:annotation>
            - <xsd:simpleType>
                - <xsd:restriction base="xsd:string">
                    <xsd:maxLength value="9"/>
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        - <xsd:element type="PlateTypeType" name="PlateType" minOccurs="0">
            - <xsd:annotation>
                <xsd:documentation>Information on the license plate type for a vehicle - see information
                    defined in PlateTypeType. Uses NCIC Plate Type codes.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        - <xsd:element type="StateType" name="PlateState">
            - <xsd:annotation>

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        <xsd:documentation>Identifies the state/commonwealth/province/etc. of the Vehicle
        plate.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  - <xsd:element type="xsd:integer" name="PlateExpiration">
    - <xsd:annotation>
      <xsd:documentation>Year of expiration of the plate.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="VehicleRoadwayType">
  - <xsd:annotation>
    <xsd:documentation>Contains information concerning the roadway on which a Vehicle was travelling
    at the time of the crash.</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element name="AuthorizedSpeedLimit" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Authorized speed limit of the roadway on which this Vehicle was
        travelling. In 5 MPH increments.</xsd:documentation>
      </xsd:annotation>
      - <xsd:simpleType>
        - <xsd:restriction base="PositiveIntegerType">
          <xsd:maxInclusive value="999"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    - <xsd:element type="TrafficwayType" name="TrafficwayDescription">
      - <xsd:annotation>
        <xsd:documentation>Indicates roadway type like divided or not or one-way, barrier type and
        HOV/HOT lane involvement.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="TotalNumberOfThroughLanesType"
    name="TotalNumberOfThroughLanes">
      - <xsd:annotation>
        <xsd:documentation>Total number of lanes in the roadway on which this motor vehicle was
        traveling. For undivided highways, Enter the total through lanes in both directions,
        excluding designated turn lanes; also enter the total auxiliary lanes in both directions.
        For divided highways, Enter the total through lanes for the roadway on which the motor
        vehicle under consideration was traveling; also enter total auxiliary lanes in the vehicle's
        direction.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="RoadwayHorizontalAlignment">
      - <xsd:annotation>
        <xsd:documentation>Indicates whether the road is essentially straight or curved and in which
        direction (from the Vehicle's viewpoint).</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="RoadwayGrade">
      - <xsd:annotation>

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        <xsd:documentation>Indicates the inclination of the roadway like uphill, hillcrest,
            level.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="TrafficControlDevices" maxOccurs="4">
    - <xsd:annotation>
        <xsd:documentation>Code that indicates any traffic control device(s) that was controlling the
            vehicle's movement at the time of the crash.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="TrafficControlDeviceInoperative" minOccurs="0"
    maxOccurs="4">
    - <xsd:annotation>
        <xsd:documentation>Indicates whether a traffic control device was missing or was not
            functioning.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="PavementMarkingEdgeline">
    - <xsd:annotation>
        <xsd:documentation>Indicates presence and type of edgeline
            markings.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="PavementMarkingCenterline">
    - <xsd:annotation>
        <xsd:documentation>Indicates presence and type of centerline
            markings.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="PavementMarkingLane">
    - <xsd:annotation>
        <xsd:documentation>Indicates presence and type of lane markings.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="BicycleRouteFacility">
    - <xsd:annotation>
        <xsd:documentation>Indicates presence and type of bicycle-friendly road, path or way,
            regardless of whether exclusive or shared.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="BicycleRouteSign">
    - <xsd:annotation>
        <xsd:documentation>Indicates whether a bicycle facility has posted
            signs.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
- <xsd:element type="Code2Numeric" name="RoadwaySurface">
    - <xsd:annotation>
        <xsd:documentation>Type of material used to surface this roadway.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

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- <xsd:complexType name="VehicleType">
  - <xsd:annotation>
    - <xsd:documentation>Contains information concerning a Vehicle that was involved in the Crash.</xsd:documentation>
  - </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="xsd:integer" name="VehicleReferenceNumber">
      - <xsd:annotation>
        - <xsd:documentation>Identifies this Vehicle with a unique integer value.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="Code2Numeric" name="HitandRun">
      - <xsd:annotation>
        - <xsd:documentation>Indicates whether this Vehicle and Driver were no longer present at the scene for investigation.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="VehicleDescriptionType" name="VehicleDescription" minOccurs="0">
      - <xsd:annotation>
        - <xsd:documentation>Contains information about the vehicle description.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="VehicleRoadwayType" name="VehicleRoadway" minOccurs="0">
      - <xsd:annotation>
        - <xsd:documentation>Contains information about the roadway on which this Vehicle was travelling.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="VehicleMovementType" name="VehicleMovement" minOccurs="0">
      - <xsd:annotation>
        - <xsd:documentation>Describes the movement of this Vehicle prior to the crash.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="VehicleDamageType" name="VehicleDamage" minOccurs="0">
      - <xsd:annotation>
        - <xsd:documentation>Contains damage information for this Vehicle.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="InsuranceType" name="VehicleInsurance" minOccurs="0">
      - <xsd:annotation>
        - <xsd:documentation>Contains insurance information for this Vehicle.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="DriverType" name="Driver" minOccurs="0">
      - <xsd:annotation>
        - <xsd:documentation>Contains information about the Driver of this Vehicle.</xsd:documentation>
      - </xsd:annotation>
    - </xsd:element>
    - <xsd:element type="OwnerType" name="Owner" minOccurs="0" maxOccurs="2">



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- <xsd:annotation>
  <xsd:documentation>Contains information about the Owners of this
    Vehicle.</xsd:documentation>
</xsd:annotation>
</xsd:element>
- <xsd:element type="OccupantType" name="Occupant" minOccurs="0" maxOccurs="unbounded">
  - <xsd:annotation>
    <xsd:documentation>Contains information about an Occupant of this Vehicle. Note that the
      Driver is also an Occupant.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
- <xsd:element type="LargeVehicleType" name="LargeVehicle" minOccurs="0">
  - <xsd:annotation>
    <xsd:documentation>Contains information specific to a Large Vehicle, if this Vehicle is
      indeed deemed to be a Large (commercial) Vehicle.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:simpleType name="VINType">
  - <xsd:annotation>
    <xsd:documentation>The Vehicle Identification Number.</xsd:documentation>
  </xsd:annotation>
  - <xsd:restriction base="xsd:string">
    <xsd:maxLength value="20"/>
  </xsd:restriction>
</xsd:simpleType>
- <xsd:complexType name="TypeOfInterSectionRelatedType">
  - <xsd:annotation>
    <xsd:documentation> Contains information specific to Crash Intersection (Number of Approaches,
      Overall Intersection Geometry and Overall Traffic Control Device present).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="NumberOfMainlineApproaches">
      - <xsd:annotation>
        <xsd:documentation>Identifies the number of approaches to an
          intersection.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="OverallIntersectionGeometry">
      - <xsd:annotation>
        <xsd:documentation>Identifies the overall Intersection Geometry of an
          intersection.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="OverallTrafficControlDevice">
      - <xsd:annotation>
        <xsd:documentation>Identifies the overall intersection traffic control.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="WitnessType">

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- <xsd:annotation>
  <xsd:documentation>Information concerning a Witness to the crash.</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  - <xsd:element type="NameType" name="Name">
    - <xsd:annotation>
      <xsd:documentation>Contains the name of this Witness.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="PostalAddressType" name="PostalAddress" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>Contains Address information for this Witness.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  - <xsd:element type="TelephoneType" name="Telephone" minOccurs="0">
    - <xsd:annotation>
      <xsd:documentation>A valid Telephone number for this Witness.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="WorkZoneRelatedType">
  - <xsd:annotation>
    <xsd:documentation> Contains information specific to Work zone (crash in or near work zone, crash
      location, work zone type and workers present).</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    - <xsd:element type="Code2Numeric" name="InOrNearWorkZone">
      - <xsd:annotation>
        <xsd:documentation>Indicates whether the crash occurred in or near construction,
          maintenance or utility work zone.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="WorkZoneLocation" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Indicates location within the work zone where the crash
          occurred.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="WorkZoneType" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Indicates the type of work being done in the work
          zone.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="WorkersPresent" minOccurs="0">
      - <xsd:annotation>
        <xsd:documentation>Indicates whether or not workers were present at the scene during the
          crash.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    - <xsd:element type="Code2Numeric" name="LawEnforcementPresent" minOccurs="0">
      - <xsd:annotation>

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        <xsd:documentation>Indicates whether or not law enforcement or vehicle were present at the
            time of the crash.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
- <xsd:simpleType name="PlateTypeType">
    - <xsd:annotation>
        <xsd:documentation>Information on the license plate type for a vehicle. Uses NCIC Plate Type
            codes.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:string">
        <xsd:maxLength value="2"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="StateType">
    - <xsd:annotation>
        <xsd:documentation>Identifies a state/commonwealth/province/etc. (i.e., subregion of a country) - two
            character code assigned by US Postal Service.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:token">
        <xsd:maxLength value="2"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="VehicleBodyStyleType">
    - <xsd:annotation>
        <xsd:documentation>NCIC/DMV Vehicle Body Type, like passenger car, pickup, motorcycle, semi-
            tractor. This is used, in part, to determine if this Vehicle is a Large (commercial)
            Vehicle.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:token">
        <xsd:maxLength value="2"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="VehicleColorType">
    - <xsd:annotation>
        <xsd:documentation>NCIC Color of Vehicle.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:token">
        <xsd:maxLength value="3"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="VehicleMakeType">
    - <xsd:annotation>
        <xsd:documentation>Vehicle Make information. Based on NCIC/DMV vehicle data
            codes.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:token">
        <xsd:maxLength value="4"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="VehicleModelType">
    - <xsd:annotation>

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        <xsd:documentation>Vehicle Model information. Free format.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:token">
        <xsd:maxLength value="20"/>
    </xsd:restriction>
</xsd:simpleType>
- <xsd:simpleType name="YesNoType">
    - <xsd:annotation>
        <xsd:documentation>Y/y N/n fields.</xsd:documentation>
    </xsd:annotation>
    - <xsd:restriction base="xsd:token">
        <xsd:length value="1"/>
        <xsd:enumeration value="Y"/>
        <xsd:enumeration value="N"/>
        <xsd:enumeration value="y"/>
        <xsd:enumeration value="n"/>
    </xsd:restriction>
</xsd:simpleType>
</xsd:schema>
```