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<?xml version="1.0" encoding="UTF-8" ?>
<!-- edited with XMLSpy v2010 rel. 3 sp1 (http://www.altova.com) by Lisa Goodwin (Goodwin Consulting Inc) -->
<!-- VALIDATION NOTES: All (A/N 1) character types that should represent either Y/N or T/F have been defined as type xs:boolean -->
- <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="CitationDataTypes.xml" />
  <xs:include schemaLocation="DUISubform.xsd" />
  <xs:include schemaLocation="TSSS.xsd" />
  <!-- State Police Traffic UTC Citation Record -->
  - <xs:element name="CitationRecord">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element ref="Metadata" minOccurs="0" />
        <xs:element ref="Complaint" />
        <xs:element ref="Defendant" />
        <xs:element ref="Vehicle" />
        <xs:element ref="Location" />
        <xs:element ref="Violation" />
        <xs:element ref="Incident" />
        <xs:element ref="Bond" />
        <xs:element ref="CourtAppearance" />
        <xs:element ref="Officer" />
        <xs:element ref="DUISubform" minOccurs="0" />
        <xs:element ref="TSSSForm" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <!-- Complaint Section -->
  - <xs:element name="Complaint">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="CitationNumber" type="TicketNumber" />
        - <xs:element name="DCN">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:pattern value="\d{9}" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DistrictOccurence" type="xs:integer" />
        <xs:element name="DistrictAssignment" type="xs:integer" />
        <xs:element name="ArrestingAgencyNCICCode" type="ORIType" />
        <xs:element name="County" type="CountyTownshipType" />
        <!-- validate against 102 county list -->
        <xs:element name="Township" type="CountyTownshipType" />
        <xs:element name="TownshipRoad" type="xs:boolean" />
        <xs:element ref="StateLocalIndicator" />
        - <xs:element name="CityVillageOf">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:length value="25" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="DateofOffense" type="xs:date" />
        <!-- MMDDCCYY -->
        <xs:element name="TimeofOffense" type="xs:time" />
        <!-- HHMM -->
        <xs:element name="AMPM" type="xs:token" />
        <!-- A or P -->
        <!-- could be split into two fields -->
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  - <xs:element name="Defendant">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="DefendantNameAddress" type="NameAddressType" />
        <xs:element name="DriverPassengerIndicator" type="DriverPassengerType" />
        - <xs:element name="SID">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:length value="10" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element ref="EyeColor" />
        <xs:element ref="Gender" />
        <xs:element ref="HairColor" />
        <xs:element name="Height" type="xs:integer" />
        <xs:element name="Weight" type="xs:integer" />
        <xs:element name="DriversLicense" type="DriversLicenseType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <!-- Defendant -->
  <!-- Vehicle -->
  - <xs:element name="Vehicle">

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- <xs:complexType>
  - <xs:sequence>
    <xs:element name="VehicleRegistration" type="VehicleRegistrationType" />
    - <xs:element name="USDOT">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:length value="7" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="VehicleType" />
    <xs:element name="HaxMatIndicator" type="xs:boolean" />
    <xs:element name="SixteenPlusIndicator" type="xs:boolean" />
    <xs:element name="CommMotorVehicleIndicator" type="xs:boolean" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Vehicle -->
<!-- Location -->
- <xs:element name="Location">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="Highway" type="xs:token" />
      <xs:element name="Milepost" type="xs:token" />
    - <xs:element name="Location1">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:length value="35" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    - <xs:element name="Location2">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:length value="35" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="GPSData" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Location -->
<!-- Violation -->
- <xs:element name="Violation">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element ref="ChargeStatute" />
    - <xs:element name="NatureOfOffense">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:length value="60" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SpeedActual" type="xs:integer" />
    <xs:element name="SpeedPosted" type="xs:integer" />
    <xs:element name="SeatBeltDriverPassengerIndicator" type="DriverPassengerType" />
    <xs:element name="MotorVehicleIndicator" type="xs:boolean" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Violation -->
- <xs:element name="Incident">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element ref="Accident" maxOccurs="unbounded" />
      <xs:element name="FieldReport" type="FieldReportType" />
      <xs:element ref="RoadConditions" maxOccurs="unbounded" />
      <xs:element ref="Visibility" maxOccurs="unbounded" />
      <xs:element ref="Method" />
    - <xs:element name="Notations">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:length value="50" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="InjuryDeath" />
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="Bond">
  <!-- Bond section -->
  - <xs:complexType>
    - <xs:sequence>
      <xs:element ref="BondType" maxOccurs="2" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

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    <xs:element name="BondAmount" type="DollarAmount" />
    <xs:element name="BondPaidAmount" type="DollarAmount" />
  - <xs:element name="CreditCardAuthCode">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:length value="20" />
        <!-- this is TBD -->
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PaymentDate" type="xs:date" />
  - <xs:element name="BondCardNumber">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:length value="20" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  - <xs:element name="BondCardIssuedBy">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:length value="35" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="BondPostedOnTicket" type="TicketNumber" />
  - <xs:element name="NoBondConfinedAt">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:length value="40" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Bond -->
<!-- Court Appearance -->
- <xs:element name="CourtAppearance">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="CourtAppearanceID">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:length value="20" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CookCoDistrictCode" type="CookCountyDistrictCodeType" />
    - <!--
      <xs:element name="CourtAppearanceID">
        <xs:simpleType><xs:restriction base="xs:token"><xs:length value="20"/></xs:restriction></
      </xs:element>
    -->
      - <xs:element name="AddressCourthouseStreet1">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:length value="40" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      - <xs:element name="AddressCourthouseStreet2">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:length value="40" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      - <xs:element name="AddressCourthouseStreet3">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:length value="40" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      - <xs:element name="AddressCourthouseStreet4">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:length value="40" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      - <xs:element name="AddressCourthouseCity">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:length value="40" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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    </xs:simpleType>
  </xs:element>
  - <xs:element name="AddressCourthouseState">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:length value="2" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  - <xs:element name="AddressCourthouseZip">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:length value="10" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CourtAppearanceDate" type="xs:date" />
  <xs:element name="CourtAppearanceTime" type="xs:time" />
  <xs:element name="AMPM" type="xs:token" />
  <!-- could be split in two -->
  <xs:element name="CourtAppearanceRequired" type="xs:boolean" />
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Court Appearance -->
<!-- dispositiondataset -->
</xs:schema>
```