

```

<xs:schema id="FHWAEI element" xmlns="" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      FHWA Element Data Schema
      Version 1.0 - 2013-10-03
    </xs:documentation>
  </xs:annotation>
  <xs:element name="FHWAEI element">
    <xs:complexType>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element name="FHWAED">
          <xs:annotation>
            <xs:documentation>
              FHWAED short for FHWA Element Data
            </xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="STATE">
                <xs:annotation>
                  <xs:documentation>
                    STATE short for State Code
                  </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:decimal">
                    <xs:totalDigits value="2" />
                    <xs:fractionDigits value="0" />
                    <xs:minInclusive value="1" />
                    <xs:maxInclusive value="99" />
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="STRUCNUM">
                <xs:annotation>
                  <xs:documentation>
                    STRUCNUM short for Structure Number
                  </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:maxLength value="15" />
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="EN">
                <xs:annotation>
                  <xs:documentation>
                    EN short for Element Number
                  </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:decimal">
                    <xs:totalDigits value="4" />
                    <xs:fractionDigits value="0" />
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                    <xs:maxInclusive value="9999" />
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                </xs:simpleType>
              </xs:element>
              <xs:element name="EPN" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>

```

EPN short for Element Parent Number

```
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
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      <xs:fractionDigits value="0" />
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</xs:element>
<xs:element name="TOTALQTY">
  <xs:annotation>
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TOTALQTY short for Element Total Quantity

```
</xs:documentation>
  </xs:annotation>
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      <xs:totalDigits value="8" />
      <xs:fractionDigits value="0" />
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</xs:element>
<xs:element name="CS1">
  <xs:annotation>
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CS1 short for Element Quantity Condition State 1

```
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="8" />
      <xs:fractionDigits value="0" />
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      <xs:maxInclusive value="99999999" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CS2">
  <xs:annotation>
```

CS2 short for Element Quantity Condition State 2

```
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  <xs:simpleType>
    <xs:restriction base="xs:decimal">
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      <xs:fractionDigits value="0" />
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  </xs:simpleType>
</xs:element>
<xs:element name="CS3">
  <xs:annotation>
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CS3 short for Element Quantity Condition State 3

```
</xs:documentation>
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FHWAEI elementSchema Update 20140514 CONSTABLE REDUCED.txt

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<xs: simpleType>
  <xs: restriction base="xs: decimal">
    <xs: totalDigits value="8" />
    <xs: fractionDigits value="0" />
    <xs: minOccurs value="0" />
    <xs: maxInclusive value="99999999" />
  </xs: restriction>
</xs: simpleType>
</xs: element>
<xs: element name="CS4">
  <xs: annotation>
    <xs: documentation>
      CS4 short for Element Quantity Condition State 4
    </xs: documentation>
  </xs: annotation>
  <xs: simpleType>
    <xs: restriction base="xs: decimal">
      <xs: totalDigits value="8" />
      <xs: fractionDigits value="0" />
      <xs: minOccurs value="0" />
      <xs: maxInclusive value="99999999" />
    </xs: restriction>
  </xs: simpleType>
</xs: element>
</xs: sequence>
</xs: complexType>
</xs: element>
</xs: choice>
</xs: complexType>
</xs: element>
</xs: schema>
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