

Infrastructure State Implementation Plans

Satisfying Elements Under Clean Air Act
Sections 110(a)(1) and 110(a)(2)

ISIP Overview and Conceptual Purpose

- Under CAA sections 110(a)(1) and 110(a)(2) each state is required to submit a SIP that provides for the implementation, maintenance, and enforcement of each primary or secondary NAAQS.
 - ISIPs are due 3 years after the EPA sets or revises a NAAQS.
- This type of SIP submission is commonly referred to as an “infrastructure SIP” or “ISIP”
- The overall conceptual purpose of an ISIP is to assure that the air agency’s SIP contains the necessary structural requirements for the new or revised NAAQS.



DESCRIPTION OF ISIP ELEMENTS

Sections 110(a)(2)(A) — (M)

ELEMENTS A-C

- **Element A**

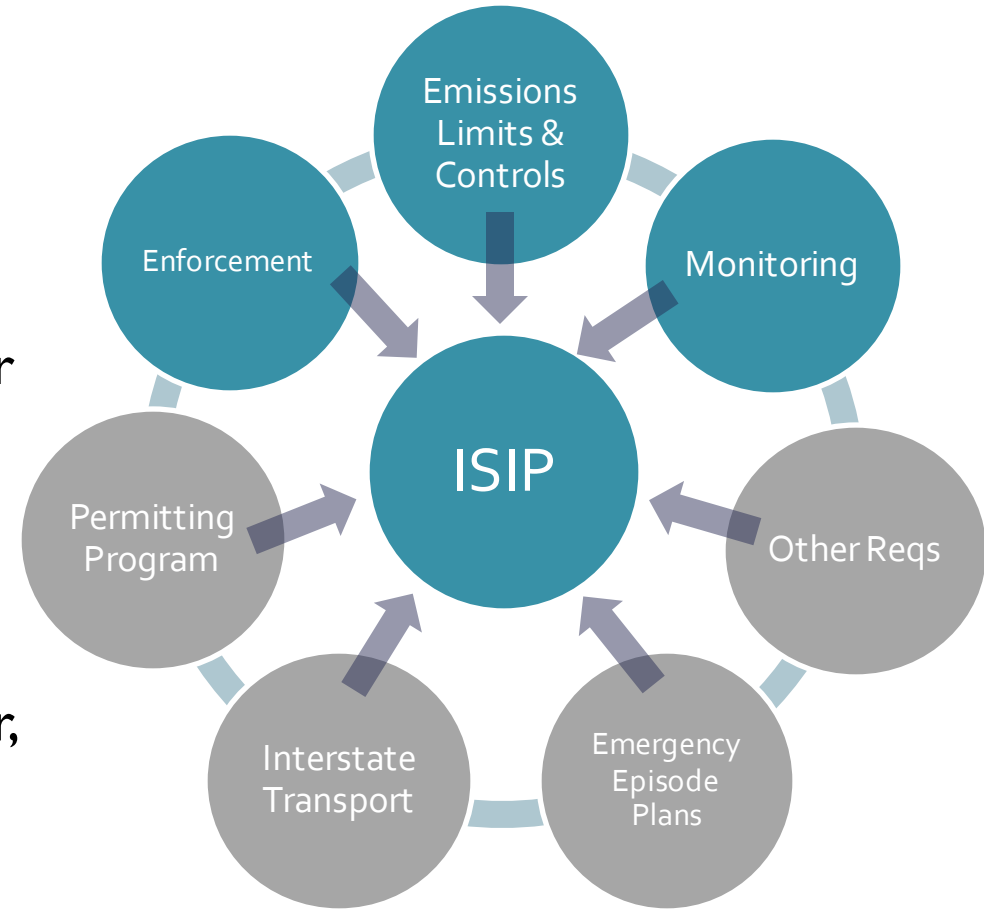
- Plan shall include emission limits, and other control measures necessary to meet the other ISIP elements.

- **Element B**

- Each plan shall provide for establishment and operations of appropriate devices, methods, systems, and procedures necessary to, monitor, compile, and analyze ambient air quality data, and make such data available to the Administrator.

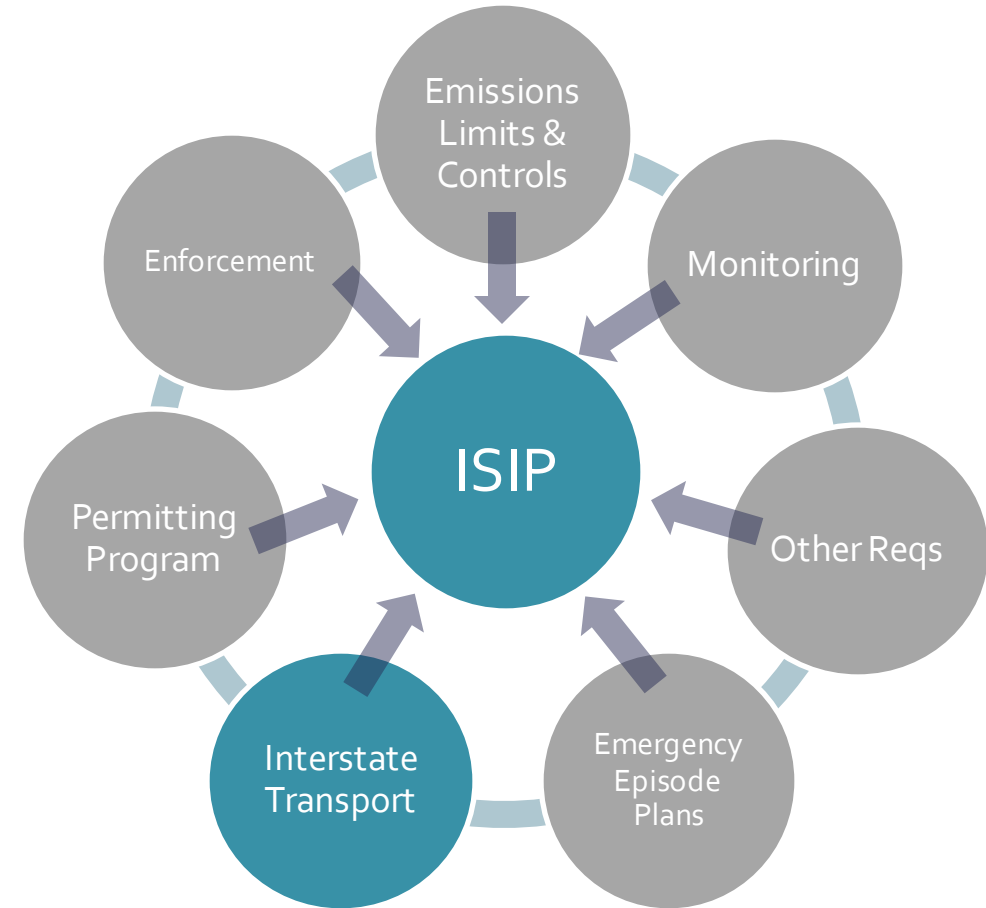
- **Element C**

- Programs for Enforcement of Control Measures and for Construction or Modification of Stationary Sources



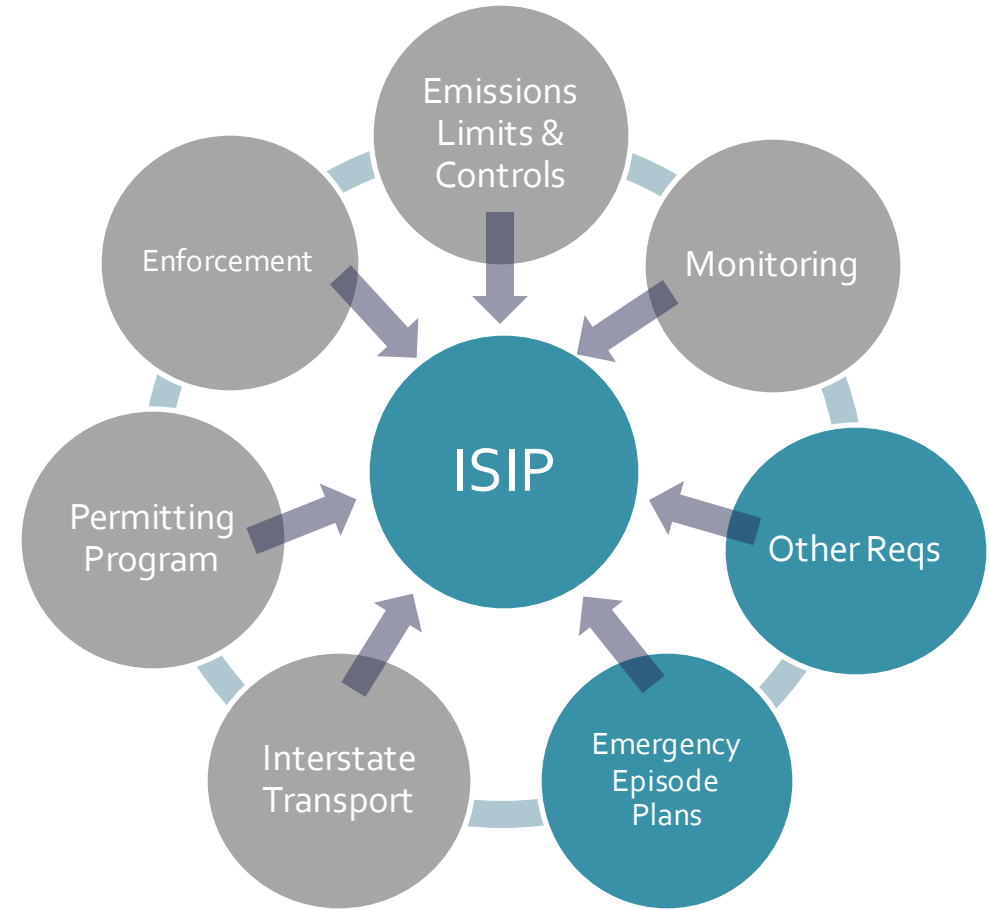
ELEMENT D

- Section 110(a)(2)(D)(i) contains two subsections:
 - (D)(i)(I) & (D)(i)(II)
 - Prong 1: Contribute significantly to nonattainment
 - Prong 2: Interfere with maintenance
 - Prong 3: Non-interference for PSD
 - Prong 4: Visibility
- Section D(ii)
 - Interstate Pollution Abatement
 - International Air Pollution



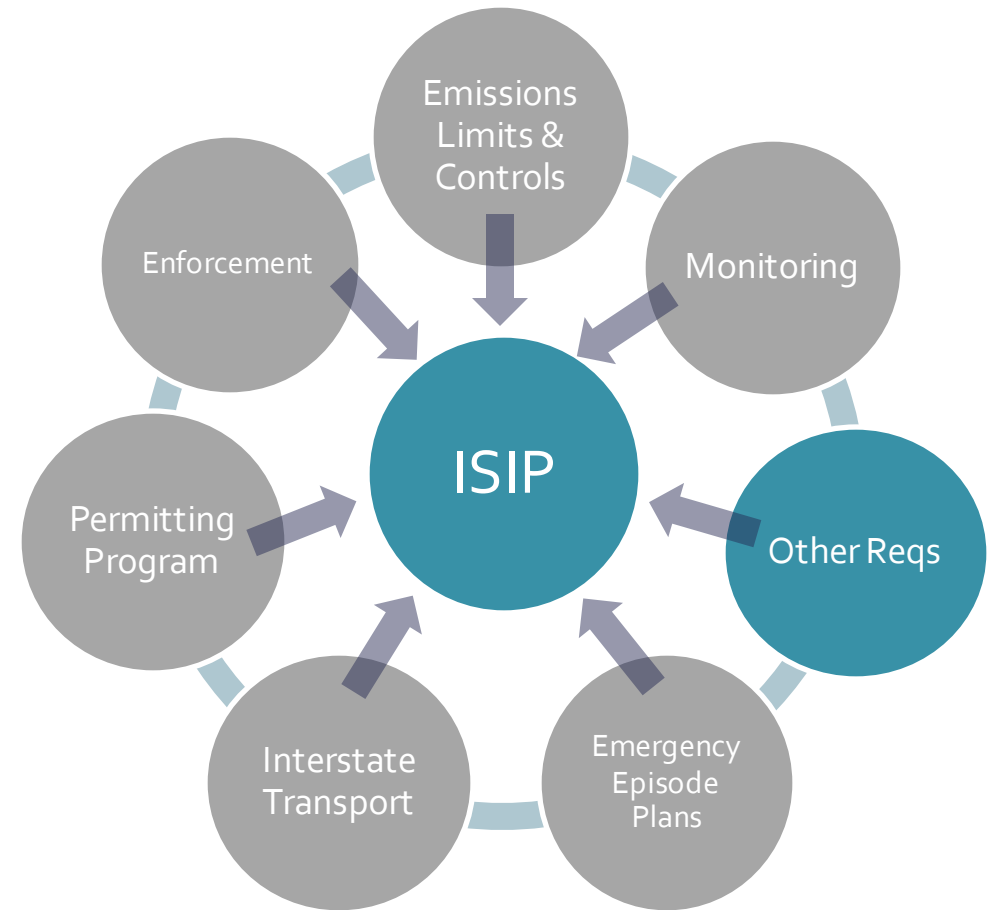
ELEMENT E-G

- **Element E**
 - Adequate resources and authority, Conflict of Interest, Oversight of Local Governments and Regional Agencies
- **Element F**
 - Stationary Source Monitoring
- **Element G**
 - Plan Revisions for Nonattainment Areas, source restraint from emissions presenting an “imminent and substantial endangerment to public health or welfare, or the environment.”



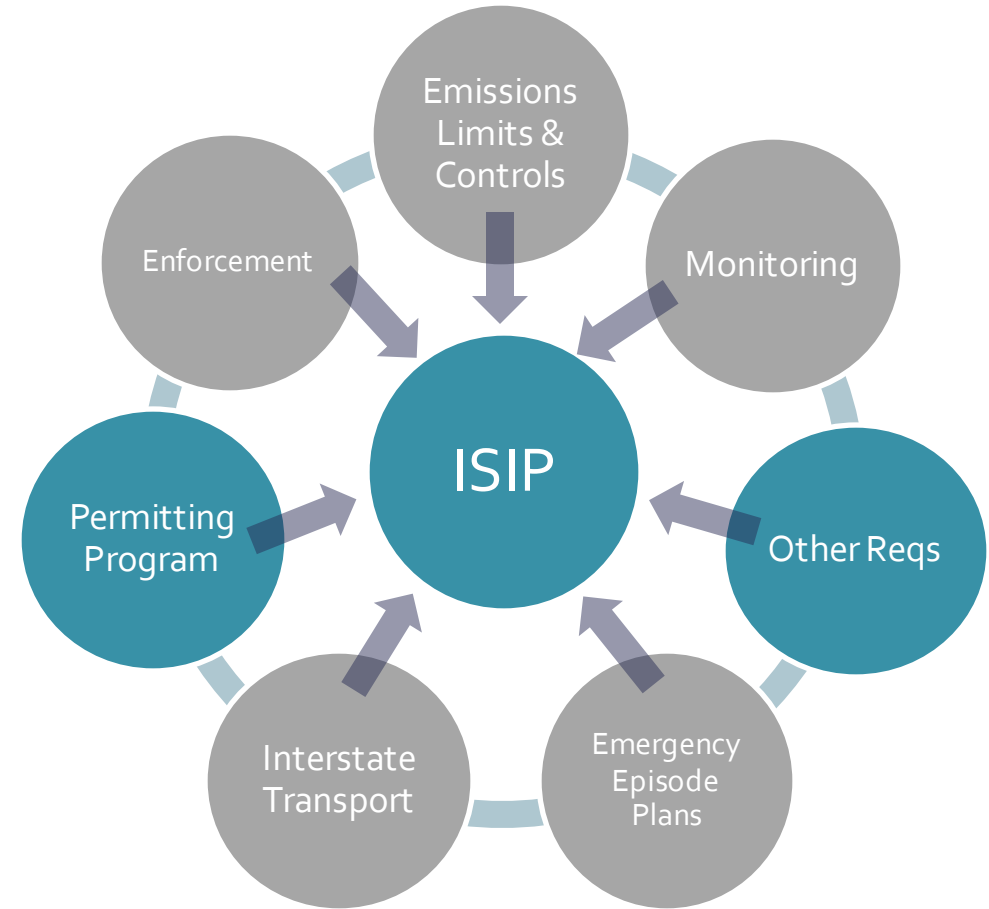
ELEMENT H-J

- Element H
 - SIP Revisions
- Element I
 - Plan revisions for nonattainment areas
- Element J
 - State Consultations

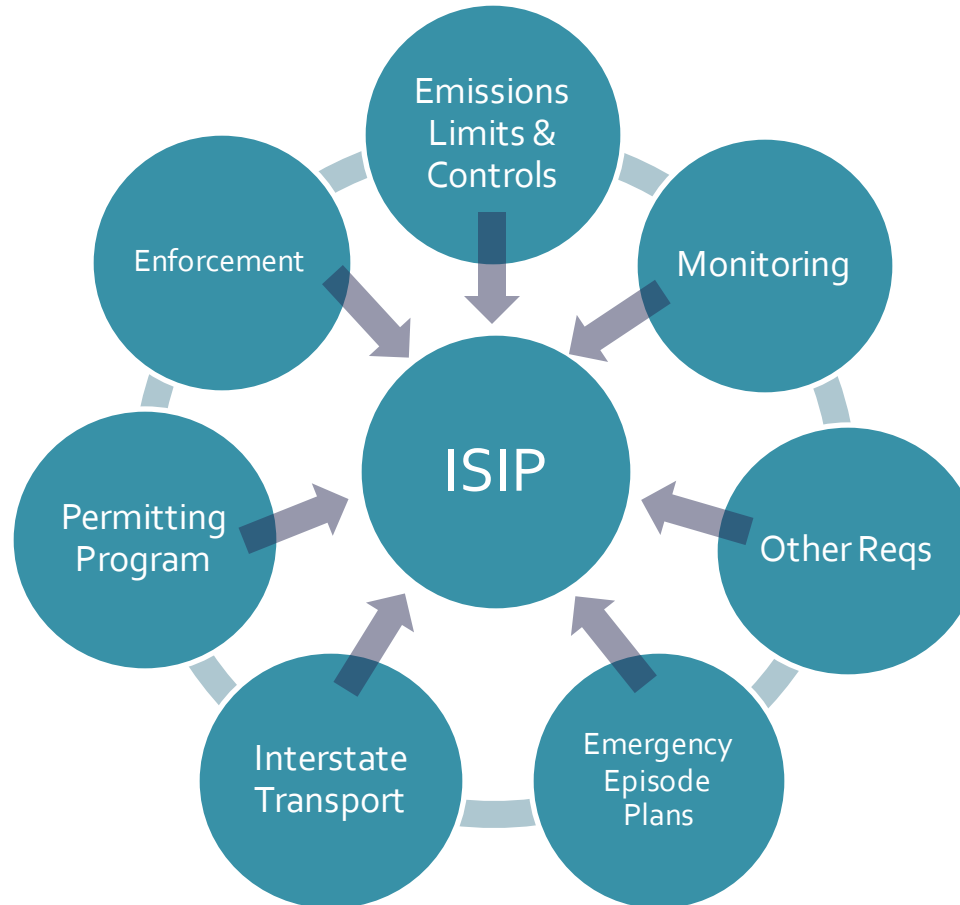


ELEMENT K-M

- **Element K**
 - Air Quality Modeling and Submission of Modeling Data
- **Element L**
 - Permitting Fees
- **Element M**
 - Consultation and Participation by Affected Local Entities



Thank you!



Any Questions?