CONFORMITY

Is the project located in a nonattainment or maintenance area?

- No
  - Yes
    - Conformity not required - STOP

Is the project exempt from conformity?

- Yes
  - No
    - Conformity not required - STOP

For which pollutant(s) does the project require conformity?

- PM
  - CO
    - CO: complete a hot-spot analysis using WASIST

MSAT EMISSIONS

Is the project a CE under 23 CFR 771.117, exempt under CAA 40 CFR 93.126?

- Yes
  - No MSAT analysis required - STOP

Does the project have a meaningful impact on traffic (adding capacity or similar)?

- Yes
  - Is the project a CE?
    - Yes
      - Document the negligible impact on traffic in the NEPA document.
    - No
      - Follow FHWA MSAT Guidance App B and C to complete a qualitative analysis.

Does the project have > 140,000 AADT?

- Yes
  - The project requires a quantitative MSAT analysis. Follow FHWA MSAT Guidance App C and E
- No
  - Complete a quantitative operational GHG analysis. Use standard language in WSDOT GHG Guidance. Use ICE for construction and maintenance emissions.

GHG EMISSIONS

Is the project a CE?

- Yes
  - Use standard language in WSDOT GHG Guidance
- No
  - Is MOVES being run to meet other requirements?
    - Yes
      - Complete a qualitative GHG analysis. Use standard language in WSDOT GHG Guidance. Use ICE for construction and maintenance emissions.
    - No
      - Is the project a CE?
        - Yes
          - Complete an operational energy analysis using MOVES and construction energy analysis using ICE.
        - No
          - No Energy analysis needed - STOP

ENERGY

Is the project an EIS?

- Yes
  - Complete a quantitative operational energy analysis using MOVES and construction energy analysis using ICE.
- No
  - No Energy analysis needed - STOP

Definitions

AADT = annual average daily traffic
CAA = Clean Air Act
CO = carbon monoxide
GHG = greenhouse gas
IAC = interagency consultation
ICE = FHWA’s Infrastructure Carbon Estimator Tool
MSAT = mobile source air toxics
PM = particulate matter
POAQC = project of air quality concern
WASIST = WA State Intersection Screening Tool

Complete a qualitative analysis. Use standard language in WSDOT GHG Guidance. Use ICE for construction and maintenance emissions.