

## **Programmatic Design Features for Transportation Impacts**

The following design features have been identified to avoid, minimize, and/or mitigate potential transportation impacts from solar energy development identified and discussed in Sections 5.19.1 and 5.19.2 of the Draft and Final Solar PEIS.

### ***Site Characterization, Siting and Design, Construction***

- T2-1** Project developers shall coordinate with the BLM and other Federal, state, and local agencies to identify and minimize impacts on transportation.
- (a) Identifying impacts on transportation shall include, but is not limited to, the following:
- Assessing the potential for transportation impacts associated with the proposed project in coordination with the BLM and other appropriate state and local agencies. Consulting land use plans, transportation plans, and local plans as necessary. The developer may be required to perform traffic studies, analyses, or other studies of the capacity of existing and proposed new roads to physically handle the added wear and tear from increased construction commuter and truck traffic.
  - Evaluating transportation impacts as part of the environmental impact analysis for the project and considering options to avoid, minimize, and/or mitigate such risk in coordination with the BLM.
- (b) Methods to minimize impacts on transportation may include, but are not limited to, the following:
- Incorporating site access into the local and regional road network. Incorporation must be done under the supervision of the pertinent local, county, state, and Federal agencies.
  - Considering public roadway corridors through a site to maintain proper traffic flows and retain more direct routing for the local population.
  - Considering implementing local road improvements, providing multiple site access locations and routes, staggering work schedules, and implementing a ride-sharing or shuttle program to minimize daily commutes of construction workers.

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- Implementing traffic control measures to reduce hazards for incoming and outgoing traffic and streamline traffic flow, such as intersection realignment and speed limit reductions; installing traffic lights and/or other signage; and adding acceleration, deceleration, and turn lanes on routes with site entrances.
- Incorporating environmental inspection and monitoring measures into the POD and other relevant plans to monitor and respond to transportation impacts during construction, operations, and decommissioning of a solar energy development, including adaptive management protocols.