

Relationship Between Local Short-Term Uses of the Human Environment and the Maintenance and Enhancement of Long-Term Productivity

5.1 Build Alternatives

5.1.1 Short-Term Impacts and Use of Resources

The build alternatives and JTA phase would have similar temporary, short-term impacts during construction. Short-term impacts and use of resources resulting from either build alternative or JTA phase could include the following:

- Temporary increases in noise, dust, light, and glare produced by construction equipment and activities;
- Temporary traffic delays and detours for some automobiles, buses, emergency response vehicles, bicyclists, pedestrians, and freight vehicles;
- Changes in how some properties are accessed during construction;
- Temporary loss of income to some businesses due to temporary increases in congestion and/or temporary changes in how the businesses are accessed during construction;
- Temporary adverse changes to the visual environment due to construction equipment, signage and temporary structures;
- Use of materials, labor, and energy to construct improvements;
- Reduced visibility, dust creation, soil erosion, respiratory hazards, mobilized contaminants, changes in aesthetics of the surrounding area, establishment of invasive plants, increased sediment in storm water runoff as a result of ground clearing construction activities; and
- Creation of short-term jobs during construction and related spending at local businesses.

5.1.2 Maintenance and Enhancement of Long-term Productivity

The short-term impacts would be outweighed by the long-term productivity of the proposed action. Long-term productivity benefits of either build alternative or JTA phase include reducing congestion, improving traffic flow, and improving public safety in the API. Either build alternative or the JTA phase would also support continued economic viability and growth by improving mobility within the in the API. As demonstrated in Section 3.2 Land Use, the proposed action is consistent with federal, state, regional, and local plans subject to approval of goal exceptions and other applicable plan updates.

Implementation of the proposed action would result in the short-term impacts and use of resources as described above, while increasing the long-term productivity of transportation, land use and economic systems.

5.2 No Build Alternative

The No Build Alternative, which would not construct the improvements of the proposed action, would have long-term adverse impacts from increased congestion, which would have associated safety impacts and reduced productivity of economic systems. The No Build Alternative does not meet the purpose and need for the project.