

Summary of Environmental Impacts: Preferred Elements of the Build Alternative



KEY IMPACTS



Social

- Barrier Effect - could divide neighborhoods and affect community cohesion

Environmental Justice

- Potential for disproportionately more adverse impacts – property acquisition and business relocations

Land Use, Zoning, Economic

- 13 – 17 businesses relocated

Land Acquisition/Relocation

- 70 – 80 properties affected
- 0 – 3 residential relocations

Archaeological, Historic, and Paleontological Resources

- Adverse Effect at 3 cultural resource sites
- 1 paleontological site impacted

Visual and Aesthetic

- Corridor fencing
- 36,900–37,200 linear feet of noise walls
- 18+ miles of overhead catenary system

Parks and Recreational Resources

- Direct impacts to 3 parks and 3 recreational trails

Noise and Vibration

- 1,172-1,275 residential noise impacts (266-286 after mitigation)

Natural Resources

- 2.6 – 3.0 acres of wetlands
- 2.3 – 3.8 acres of other water features

Hazardous Materials

- 85 – 109 high-ranked sites within 500 feet of Build Alternative

Section 4(f)

- Direct use of five resources
- De minimis impacts to 8 – 13 resources