Typical Freeway
Section

Redevelopment Zone

Frontage Road

Underutilized embankment

Typical Freeway Roadbed

Lid Zone

Underutilized embankment

Redevelopment Zone

Frontage Road
Energy Collection + Ecological Resilience
Provide Energy + Wildlife Habitat

Utilize slopes as opportunities for providing energy with solar or wind harvesting

Filter pollutants from stormwater runoff with native grasses and trees

Assist migrations by providing vegetated structure and pollinating plants
Commuter High-Speed Rail
Maximize Transportation + Catalyze Growth

Introduce commuter rail or BRT to emphasize the movement of people (not cars) along freeways

Plug commuter rail or BRT into bridges at key locations

Bridges catalyze future lid opportunities as multi-modal stations
Simple Freeway Lid
Reconnect Neighborhoods + Amenity Development

Provide place for recreation, gathering, and celebration

Lid contains noise pollution

Added vegetation sequesters carbon and scrubs particulates
Bridge with one Story Buildings
Connect Neighborhoods + Provide Continuity of Commercial Streets

Introduce Simple bridge structures that support one story commercial buildings.

Bridges as building catalyze neighborhoods while providing greater access to community needs.
Developed Freeway Lid
Restore Neighborhoods + Economic Development

Utilize embankments as developable parcels

Parking in lid provides revenue stream to pay for construction

New retail and office space provides jobs and economic vitality
Developed Freeway Lid - Wide Median
Create Nodes + Economic Development

Open land between highways provides additional opportunity for development

Create new dense lid districts to grow nodes of activity at massive highway intersections

Parking in lid provides revenue stream to pay for construction

New retail and office space provides jobs and economic vitality
Organize Transit + Link Communities
Organize Transit + Link Communities

Coupling mass transit (train or BRT) with freeway lid maximizes transit capacity and job opportunities.

Leverage increased land values and property taxes to structurally improve surrounding communities.

Lid investment provides resources for job creation, community development, and regional connectivity.