DETROIT:

DRIVE FORWARD

RECLAIMING ASPHALT URBANISM + REKNITTING THE CITY
Motorized Space
15,038,961 sq. ft. (499 acres)

60% of Land

Non-Motorized Space
20,738,166 sq. ft. (298 acres)

36% of Land

Open Green Space
1,650,994 sq. ft. (37 acres)

4% of Land
COMPARATIVE PROJECTS

Big Dig, Boston

Woodall Rodgers Park, Dallas

Ringstrasse, Vienna

Detroit
Current Activity Pattern

Green Infrastructure & Development Pattern
Land Use
Current Land Use

Proposed Land Use

Accessibility
Current Freeway Access

Enhanced Accessibility

Public Transit
Current Transit System

Proposed Transit System

Land Use

Accessibility

Public Transit

Freeway
Freeway Access

Freeway
Boulevard
Green Infrastructure Access

Node
Bus & Streetcar Stop
Retail / Recreation
Parking

Streetcar
People Mover
Extension
Enhanced Bus System
(Long-term: BRT)
Reconnecting Urban Fabric within Focal Points

Synergizing Mobility

Green Infrastructure Access

Node
- Bus & Streetcar Station
- Retail / Recreation
- Parking
- Intersection

Greening the Infrastructure

Open Green Space
- Recreation
- Walk/Bike Trail

Boulevard
- Four Lanes
- Street Parking
- Streetcar

Eco-Corridor
- Bio Swells / Swales
- Vegetation Corridor
- Wetland
- Aquatic System
- Underground Parking
Green Infrastructure Node

Current Uses
Big Box, Greektown, Institutions, Commercial

Design Guidelines

Characteristics

Green Roof

Extended Infrastructure
Eco-Corridor
Bio Swells | Swales
Vegetation Corridor
Wetland
Aquatic System

Boulevard
Street Car

Surface Wetland Flow

Infiltration Facilities

Parking

Water Reused and Returned
Freeway / Park / Cultural Mixed-Use Zone

Current Uses
Entertainment (Sports, Theater), Residential, Retail, Office

Design Guidelines

Block Plan
Parcel Plan

Land Use

Typical Section

Characteristics

Vehicular Circulation

Landscape Elements

Bulk Controls

Land Use

Typical Section

Characteristics

Vehicular Circulation

Landscape Elements

Bulk Controls

Infiltration Facilities

Green Roof

Surface Wetland Flow

Wetland Cell

Freeway

Water Reused and Returned

Green Roof
Gateway / Transition / Hotel-Entertainment Zone

Current Uses
Marginal Condition, Megastructure, Commercial

Design Guidelines
Block Plan
Parcel Plan
Land Use

Typical Section
Big Box  Road  Interchange Ramp  Interchange Ramp  Interchange

Vehicular Circulation
Streetcar

Landscape Elements
Green Roof

Bulk Controls

Characteristics

Entertainment
Residential
Commercial
Institutional
Industrial
Office
Vacant

Surface Wetland Flow
Green Roof

Eco-Corridor
Bio Swells / Swales
Vegetation Corridor
Wetland
Aquatic System

Park
Green Space
Biking
Jogging

Wetland Cell
Infiltration Facilities
Freeway Interchange
Water Reused and Returned

Entertainment
Hotel
Boulevard / Park / Neighborhood Zone

Current Uses
Residential, Greektown, Institutions, Commercial

Design Guidelines
Block Plan
Parcel Plan
Land Use

Typical Section
One-way Road
Ramp
3 Lanes
Ramp
On-way Road

Characteristics

Vehicular Circulation

Landscape Elements

Bulk Controls

Green Roof

Eco-Corridor
Bio Swells | Swales
Vegetation Corridor
Wetland
Aquatic System

Park
Cultural (Music, Performance)
Green Space
Biking
Jogging

Boulevard
Street Car

Surface Wetland Flow

Infiltration Facilities

Water Reused and Returned
Boulevard / Park / Business Zone

Current Uses
Residential, Office, Institutions, Commercial

Design Guidelines
Block Plan
Parcel Plan
Land Use

Typical Section

Vehicular Circulation
Landscape Elements
Bulk Controls

Characteristics

Green Roof

Boulevard
Street Car

Park
Cultural (Music, Performance)
Green Space
Biking
Jogging

Eco-Corridor
Bio Swells / Swales
Vegetation Corridor
Aquatic System

Surface Wetland Flow

Wetland Cell

Water Reused and Returned

Infiltration Facilities
Figure-Ground

Before

After

Eco-Corridor & Open Green Space

- Existing Green Space
- Open Green Space
- Stormwater
- Eco-Corridor
- Potential Eco-Connection
Underground Parking
City of Detroit

Eco-Corridor
Bio Swells / Swales
Vegetation Corridor
Wetland
Aquatic System
City of Detroit

Boulevard
Four Lanes
Street Parking
City of Detroit

Open Green Space
Recreation
Walk/Bike Trail
City of Detroit

Retail / Recreational Facilities
Shop
Restaurant
Sports Facilities
Joint Venture
(City of Detroit / Private Developers)
Embedded Development
Private Developers
(Incentive Zone, TIF)

Public Transit Improvement
Streetcar System
People Mover Extension
Regional BRT
Transportation Authority

Extended Infrastructure
Open Green Space
Joint Venture
(City of Detroit / Private Developers)
PHASE I. 2011
Green Infrastructure
(John C Lodge Freeway / Chrysler Freeway)
- Boulevard
- Parking
- Eco-Corridor
- Retail / Recreational Facilities

Public Transit
Enhanced Bus System

PHASE III. 2016
Green Infrastructure
(Fisher Freeway)
- Eco-Corridor
- Retail / Recreational Facilities

Embedded Development
- Rental Housing (East)
- Office (West)

Public Transit
Streetcar System

PHASE III. 2026
Embedded Development
- Housing
- Local Retail

Public Transit
People Mover Extension
Regional BRT
Narratives

Hotel-Entertainment / Neighborhood Zone Aerial View
Aerial View from Midtown