

10th Street Corridor Task Force Initiative

Public Scoping Meeting

Project Overview

February 2, 2010





Maine Avenue

Banneker Park

Southwest Freeway

HUD

Hotel, Retail
and Office

USPS

Office

GSA

Office

CSX Railway

Cotton
Annex

Res 1-13

FAA

DOE

7th Street

10th Street

12th Street

Independence Avenue

Looking south toward the Washington Channel

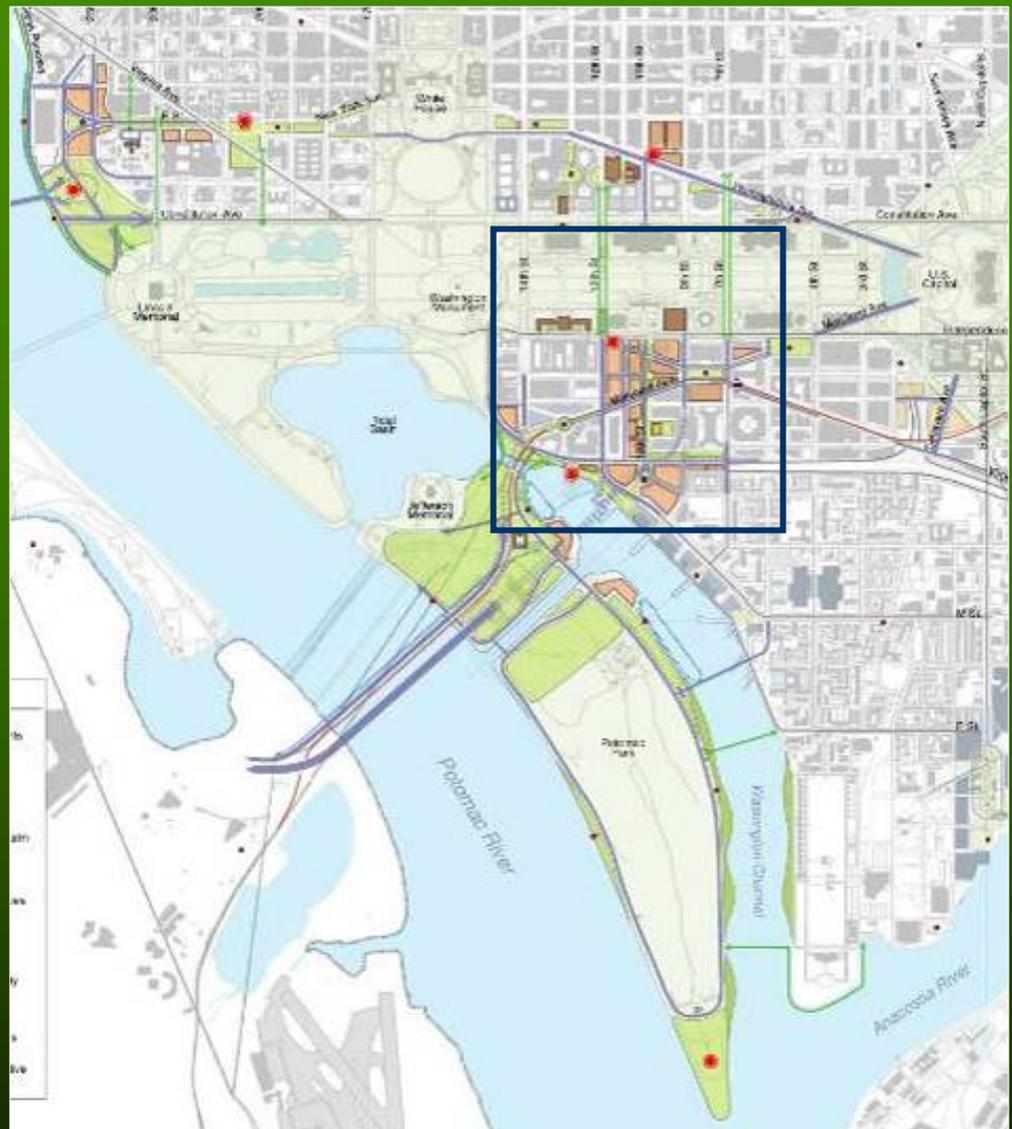
North



Framework Plan Goals

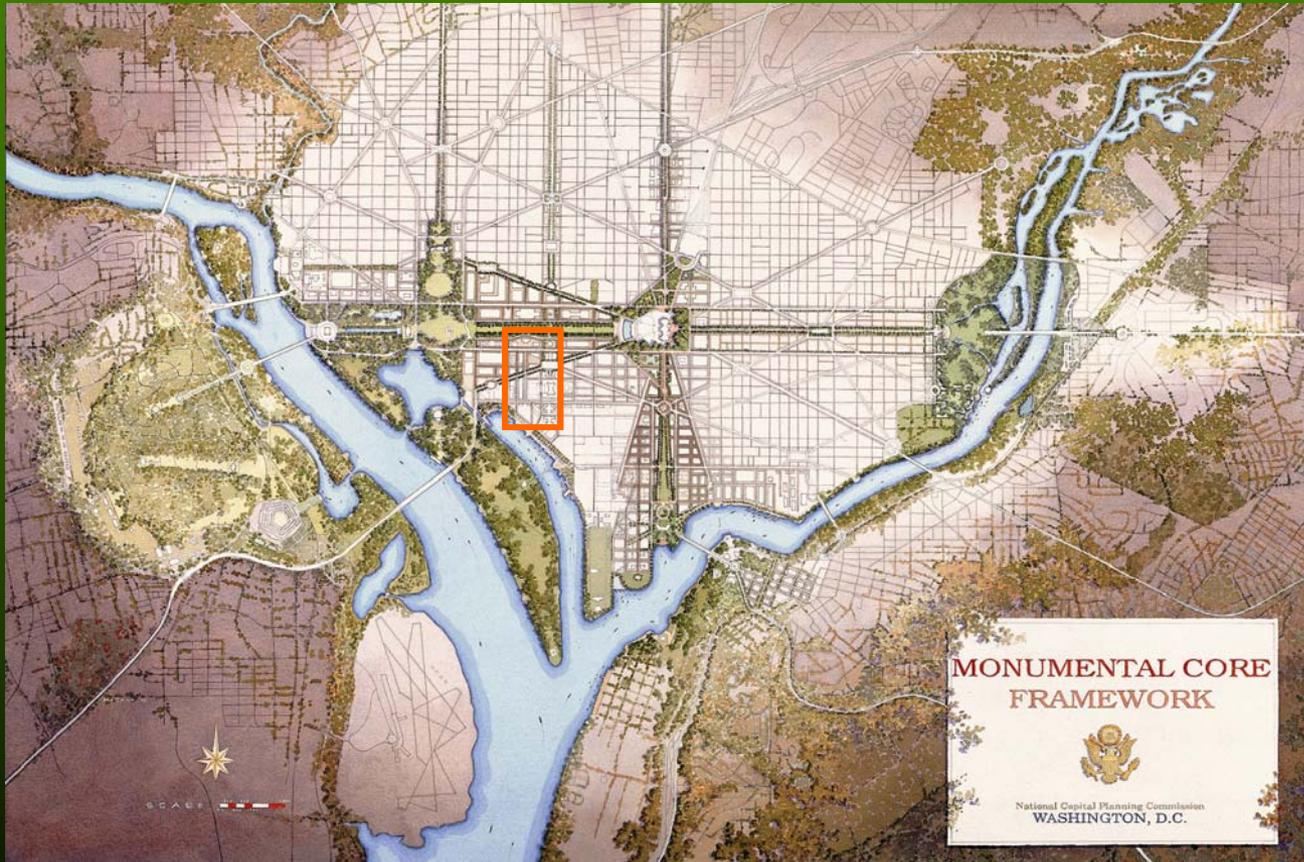
- Create distinguished settings for museums and memorials to help protect National Mall from overbuilding
- Accommodate federal offices in the monumental core
- Improve connections between the Mall, the city, and the waterfront
- Transform monumental core into vibrant and sustainable place to work, visit, and live

This plan is a conceptual representation of how to revitalize the areas round the National Mall



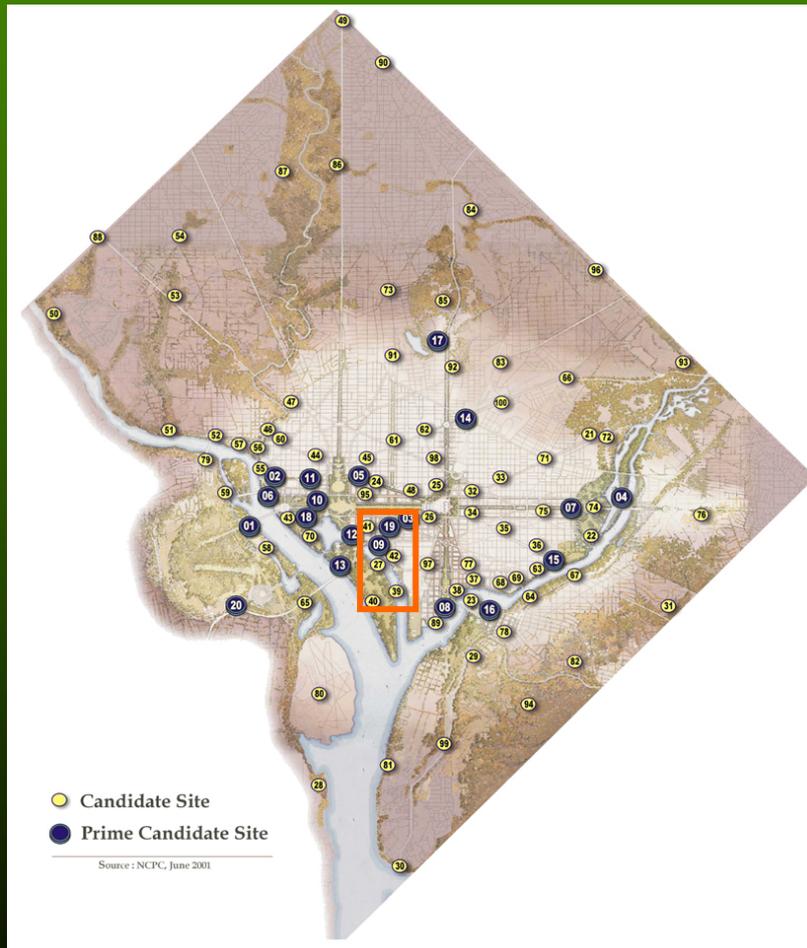
Precedent Plans

- 1997 Extending the Legacy
 - Center the monumental core on the U.S. Capitol
 - Mixes federal and local city; mix uses
 - Reclaim the rivers into the life of the city



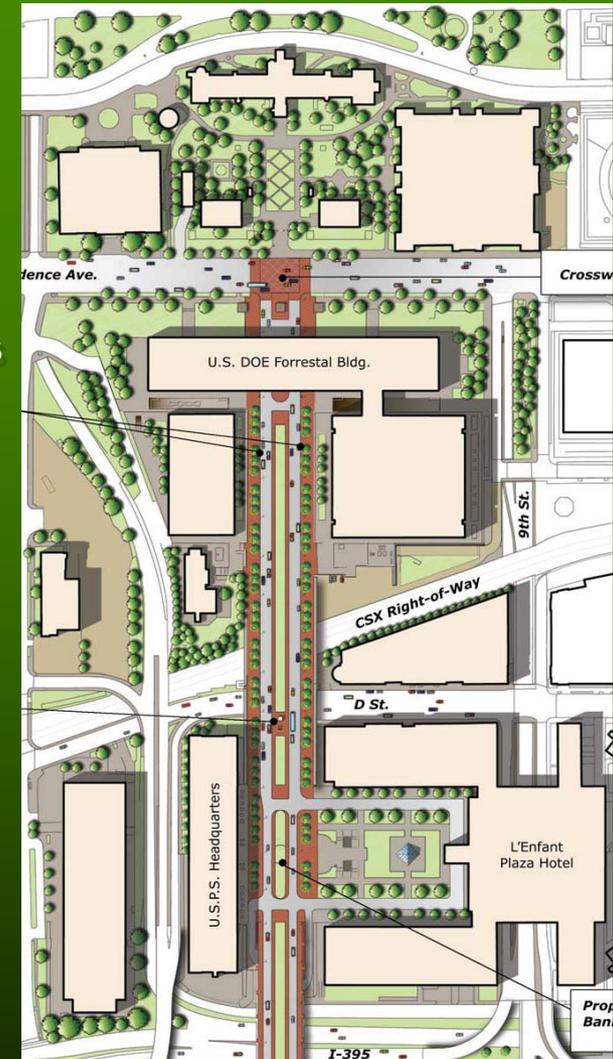
Precedent Plans

- Memorials and Museums Master Plan
 - 100 Sites off the National Mall
 - 2 Primary sites are located in the 10th Street Study area



Precedent Plans

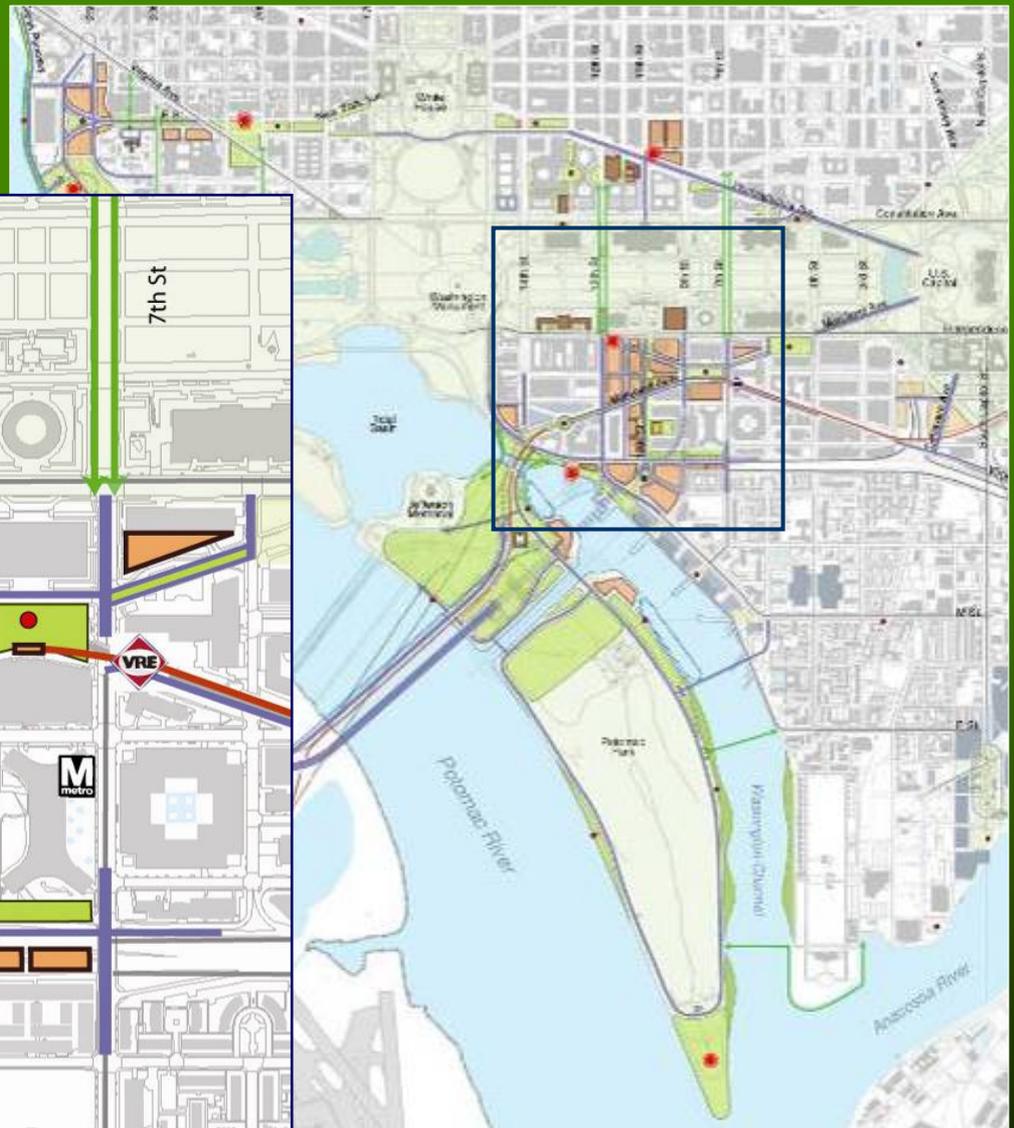
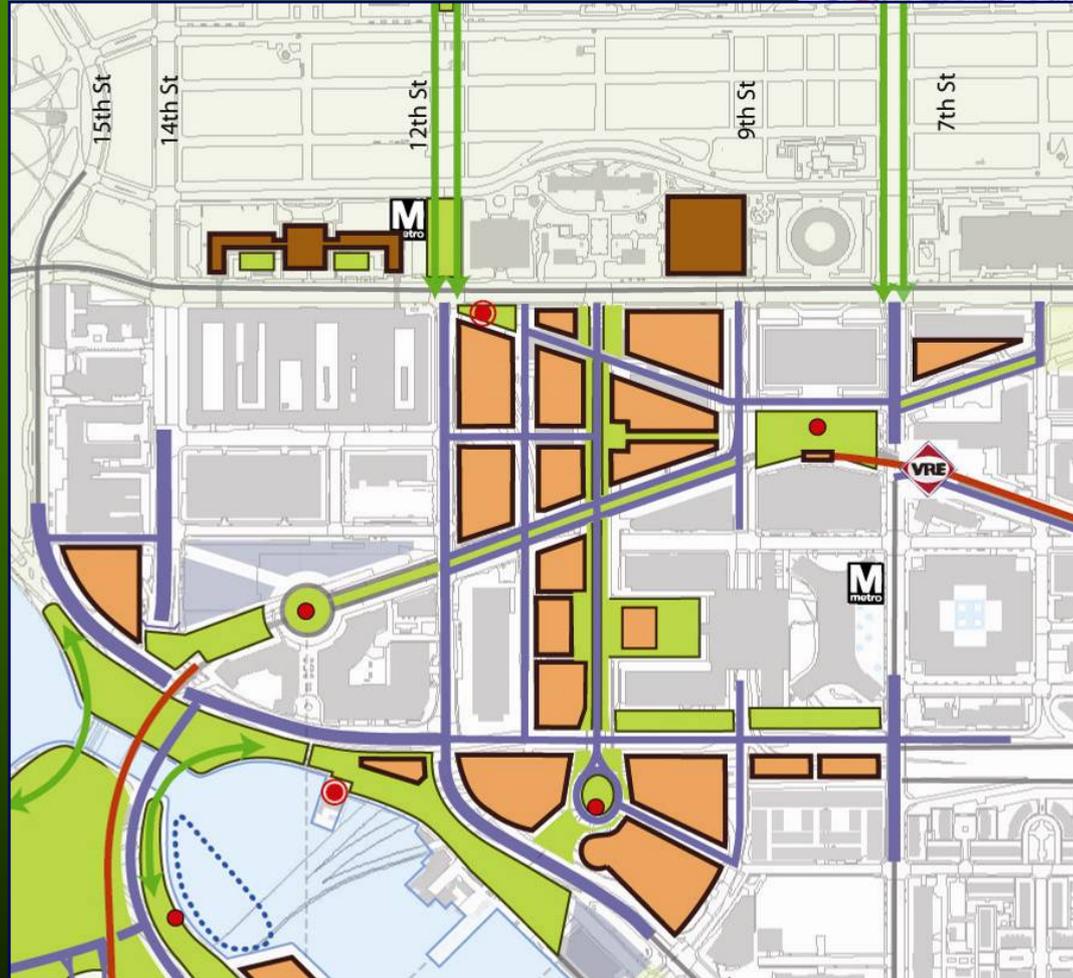
- 2006 L'Enfant Promenade Environmental Assessment
 - Provide a gateway between the Mall and the waterfront / accommodate museums/memorials
 - Provide for intermodal bus and car parking
 - Address structural deficiencies of the promenade's 10th and 11th Street bridges



The Environmental Assessment contains two alternatives; a wide median plan and a narrow median plan.



10th Street, SW Corridor



Framework Plan

10th Street Corridor Initiative



Redefine 10th Street

- Redevelop Forrestal Complex
- Redesign Postal Service Building and infill L'Enfant Plaza with private development
- Deck the Eisenhower Freeway with air-rights development
- Develop a mix of uses, anchored by a significant cultural institution, engaging civic space, and improved Banneker fountain

This plan is a conceptual representation of how to revitalize the corridor.



10th Street Corridor Initiative



Key Principles

- Celebrate the City as Symbol
- Encourage Compact Mixed-use Destinations
- Strengthen the Public Realm
- Facilitate Transit Use and Public Mobility



Advance Sustainability in the Urban Environment



Overcome Barriers

- Reduce impact of transportation infrastructure
- Eliminate visual obstructions and restore connections
- Remove physical and psychological barriers



10th Street, SW

- Visual and Symbolic Connections
- Attractive, Distinctive, Pedestrian Friendly
- Variety of Uses



This image is a conceptual representation of how to revitalize the corridor.





10th Street, SW

- Reestablish Street Grid
- Green infrastructure
- High performance buildings
- Commemorative opportunities
- Active street life



These images are a conceptual representation of how to revitalize the corridor.



10th Street Overlook at Banneker Park

- Connect Mall to Waterfront
- Museum and Memorial
- Grand Staircase to the Waterfront

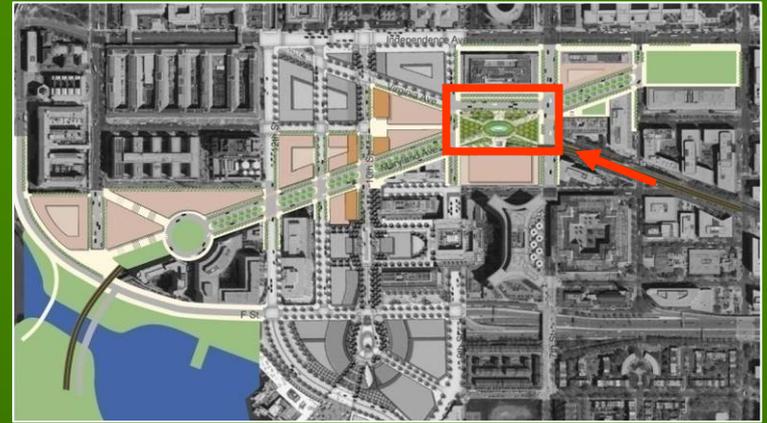


This image is a conceptual representation of how to revitalize the corridor.



Reservation 113

- Intermodal Transit Center
- Walkable and Convenient
- Beautiful Premier Public Park



This image is a conceptual representation of how to revitalize the reservation along Maryland Avenue.



LEGEND

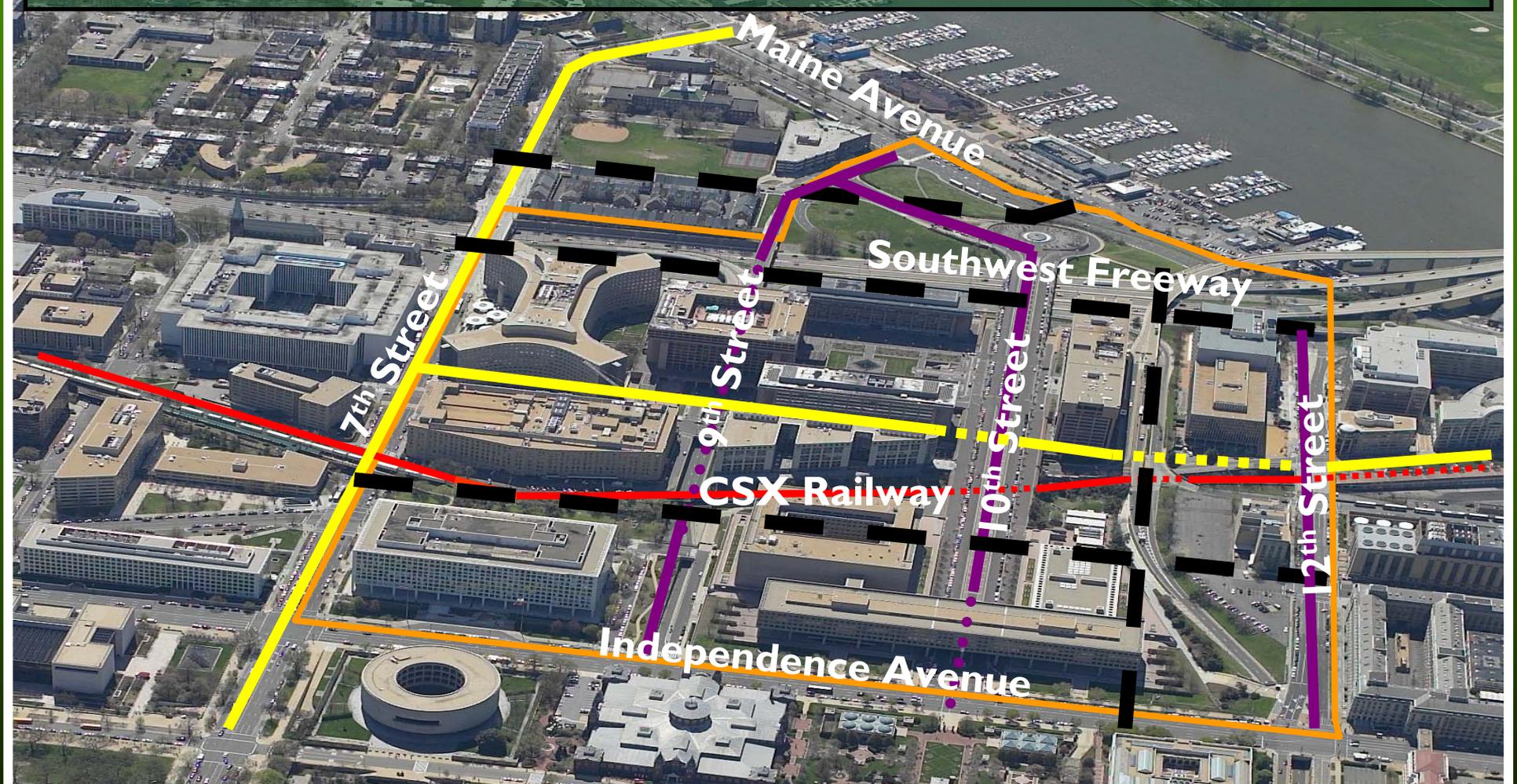
Study Area

Streets Perceived as Disconnected

Missing Streets from L'Enfant Grid

Rail Line

Through Streets



Looking south toward the Washington Channel

North
↓



Looking south toward the Washington Channel

North
↓

Executive Order 13514

Represents a transformative shift in the way the government operates by:

- Establishing greenhouse gas emissions as the metric for tracking progress in federal sustainability
- Requiring a deliberative planning process
- Linking agency budgets to successful compliance of the goals



Executive Order 13514

Sets goals for improvements in the following areas:

- Greenhouse gas emissions
- Energy efficiency
- Water use efficiency and management
- Pollution prevention and waste elimination
- Regional and local integrated planning
- Sustainable Federal buildings
- Sustainable acquisition
- Electronics stewardship
- Environmental management



“EcoDistrict”

An integrated and resilient district/neighborhood that is resource efficient.

- It captures, manages, and reuses a majority of energy, water and waste on site;
- It is home to a range of transportation options;
- Provides a rich diversity of habitat and open space;
- Creates a vibrant public realm;
- Includes a mix of uses and amenities for employees, visitors, and residents.



Olympic Village, Vancouver BC



St Elizabeths Campus, Washington DC



Example of Energy Performance in an EcoDistrict

2004 Existing Energy Use Conditions

Note: This concept plan is not intended to represent specific planned or required development proposals.

100%

Solar Energy Input

161,006,000 kWh/yr

99.6%

Solar Energy Reflected, Absorbed & Released

160,287,296 kWh/yr

0.03%

Solar Energy Used by Photosynthesis

53,669 kWh/yr

0.02%

Solar Energy Used for Building Lighting

31,000 kWh/yr

0.4%

Solar Energy Converted to Building Thermal

634,000 kWh/yr



Natural Gas Imported

8,350,425 kWh/yr



Coal Generated 66%



Gas Generated 20%



Hydro Generated 13%

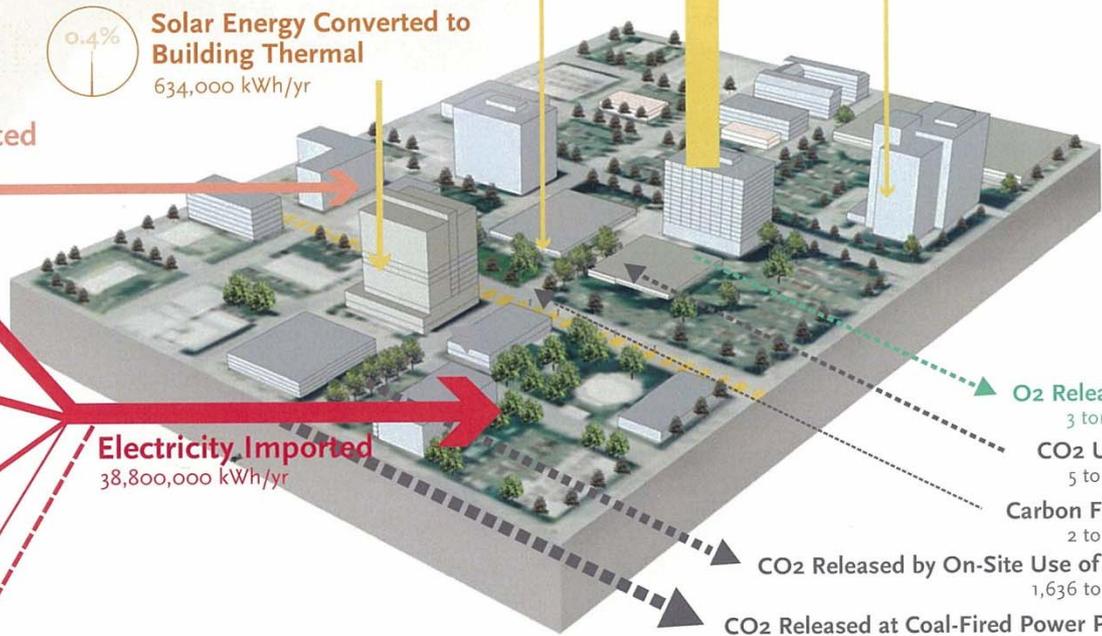


Renewable Energy 1%

Electricity Lost in Transmission 10%

Electricity Imported

38,800,000 kWh/yr



O₂ Released
3 tons/yr

CO₂ Used
5 tons/yr

Carbon Fixed
2 tons/yr

CO₂ Released by On-Site Use of Gas
1,636 tons/yr

CO₂ Released at Coal-Fired Power Plant
24,441 tons/yr

CO₂ Released at Gas-Fired Power Plant
2,996 tons/yr

Carbon Balance

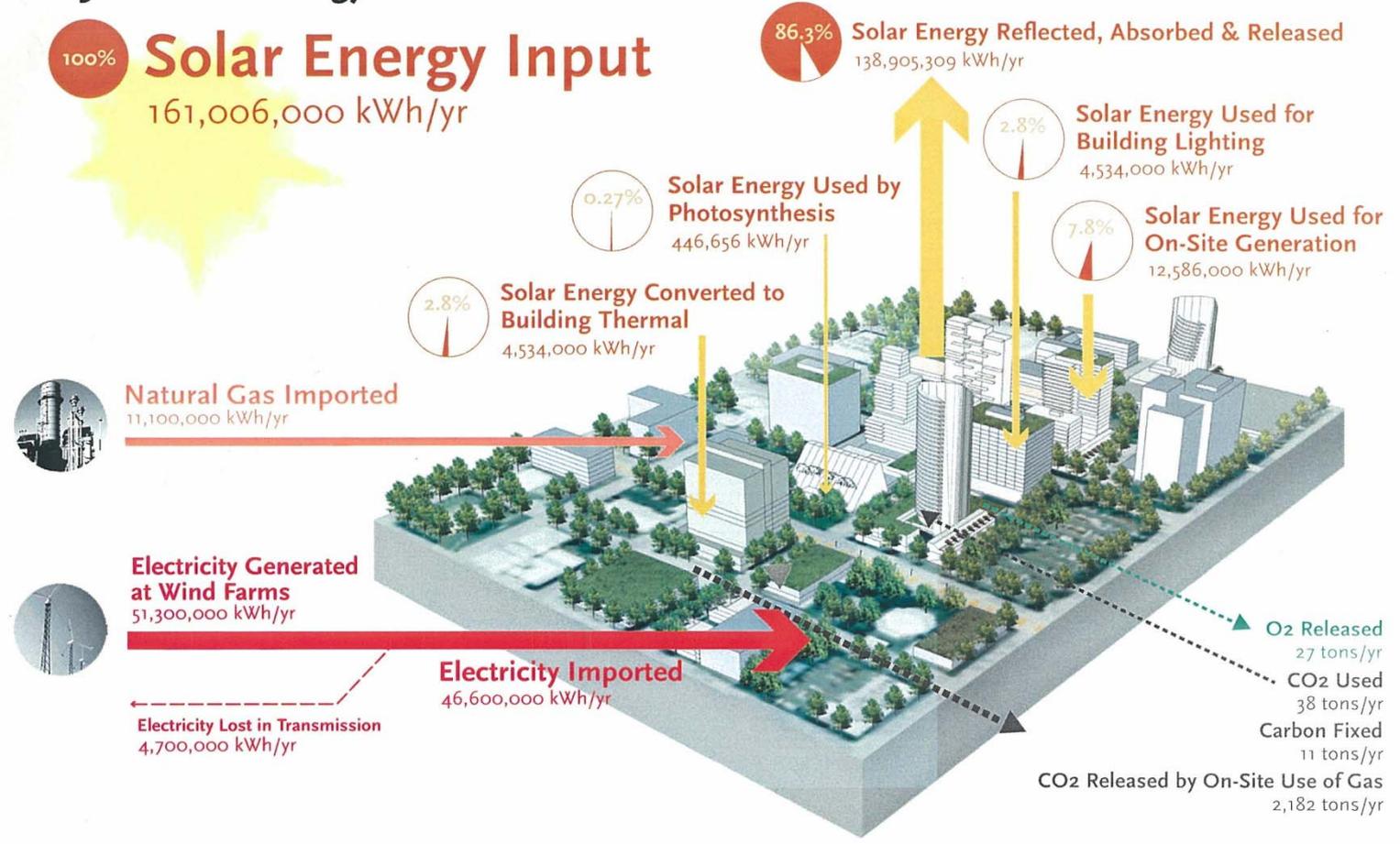
Net add to atmosphere: 29,069 tons/yr

Courtesy of Mithun



Example of Energy Performance in an EcoDistrict

2050 Per Plan Energy Use Conditions



Note: This concept plan is not intended to represent specific planned or required development proposals.

Carbon Balance
Net add to atmosphere: 2,144 tons/yr

Courtesy of Mithun

General Tasks and Timeline

Project Outcome:

Short-term recommendations, such as: seating, shade, programmed activities, place to eat

Mid- and long-term recommendations, such as: street connectivity, cultural facilities, development of underused parcels

Task I	2010		2011	
Scoping, Inventory, Goals	P	P		
Contracting				
Task II				
Alternative Development and Analysis		P	P	
Preferred Alternative, Recommendations, Review				P P

Next Steps

 Public Meeting

