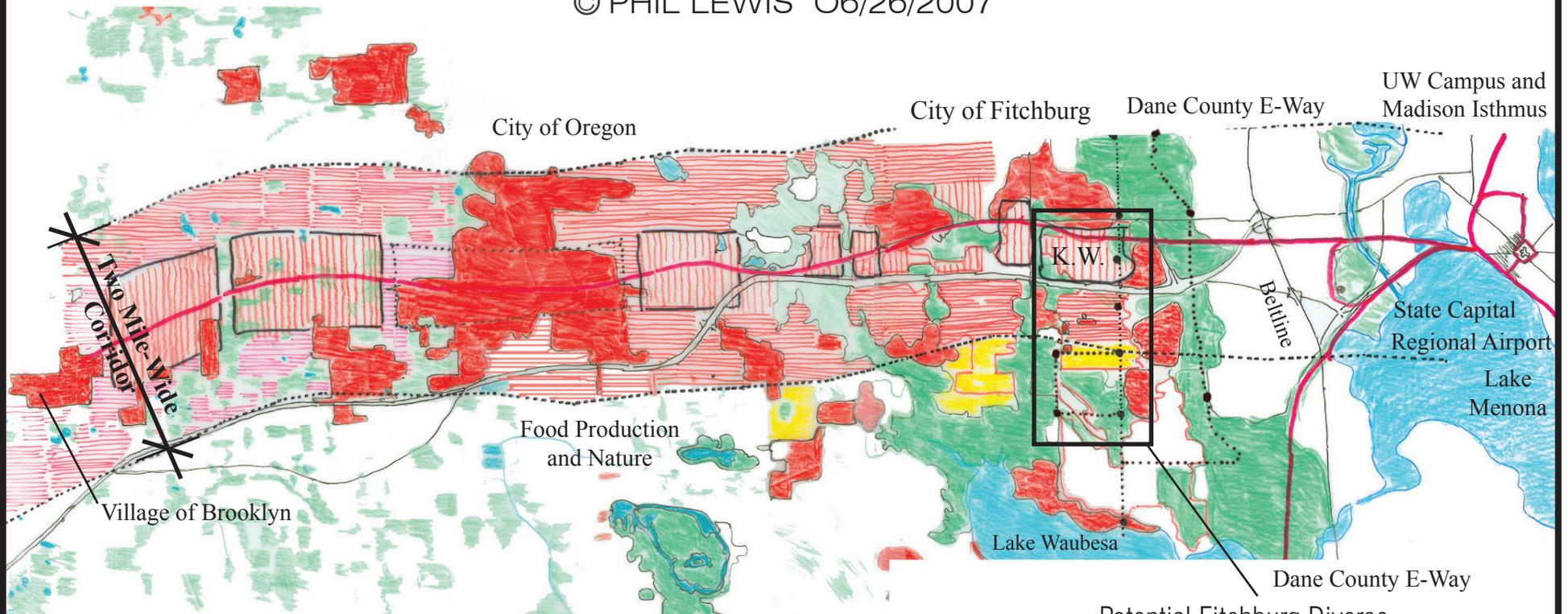


TWO MILE-WIDE REGIONAL TRANSIT CORRIDOR SKETCH DESIGN

© PHIL LEWIS O6/26/2007



Potential Fitchburg Diverse Density Demonstration (D.D.D.)

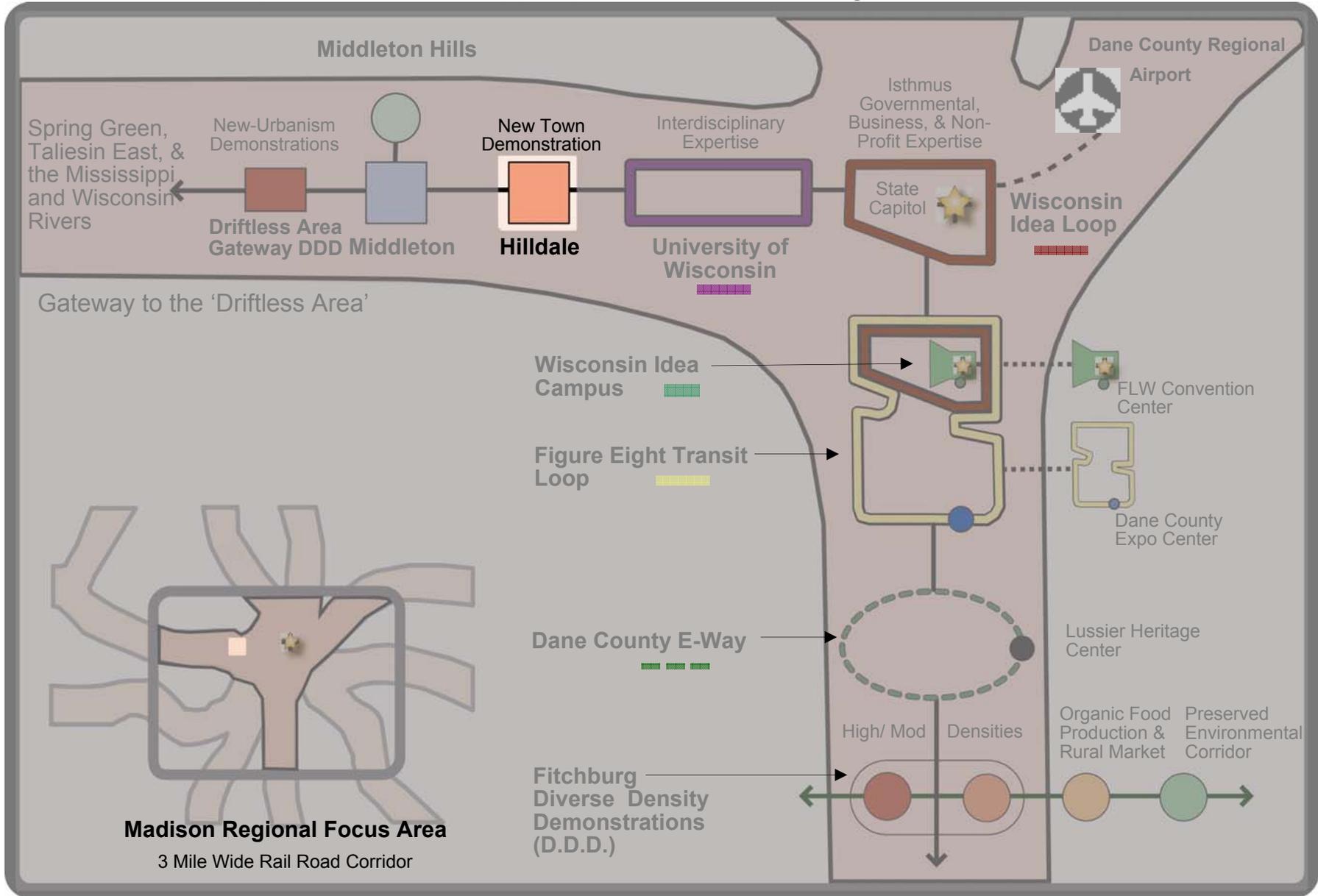
LEGEND

- | | | | |
|---|----------------------------|---|-------------------------|
|  | Developed Areas |  | 'E-Way/ Open Space |
|  | Potential Moderate Density |  | Water |
|  | Potential High Density |  | Linear Transit Corridor |
|  | Organic Food Production |  | Rail |

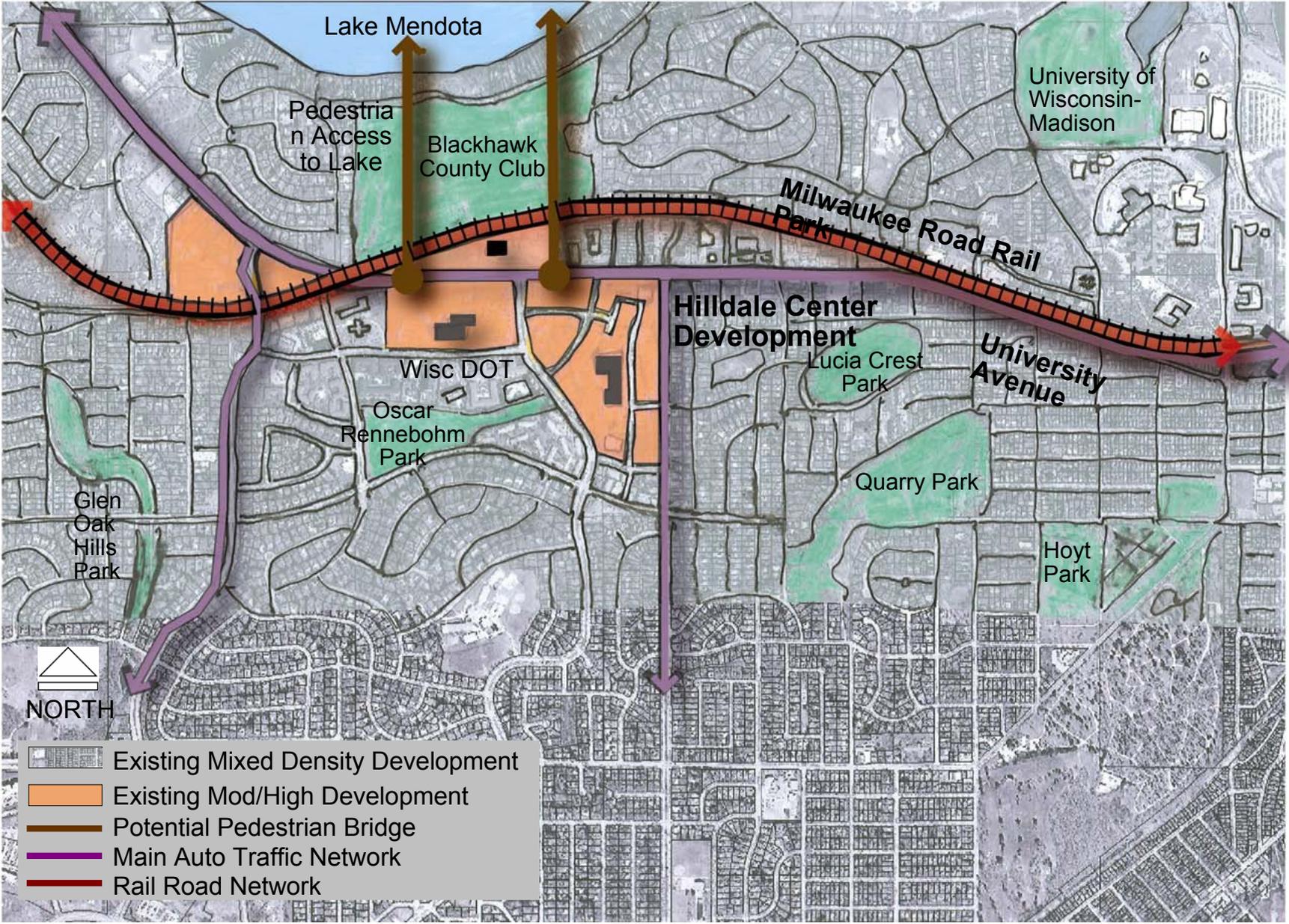


Potential Hilldale DDD

A State Capitol Chain of Appropriate 21st Century Landuse Demonstrations

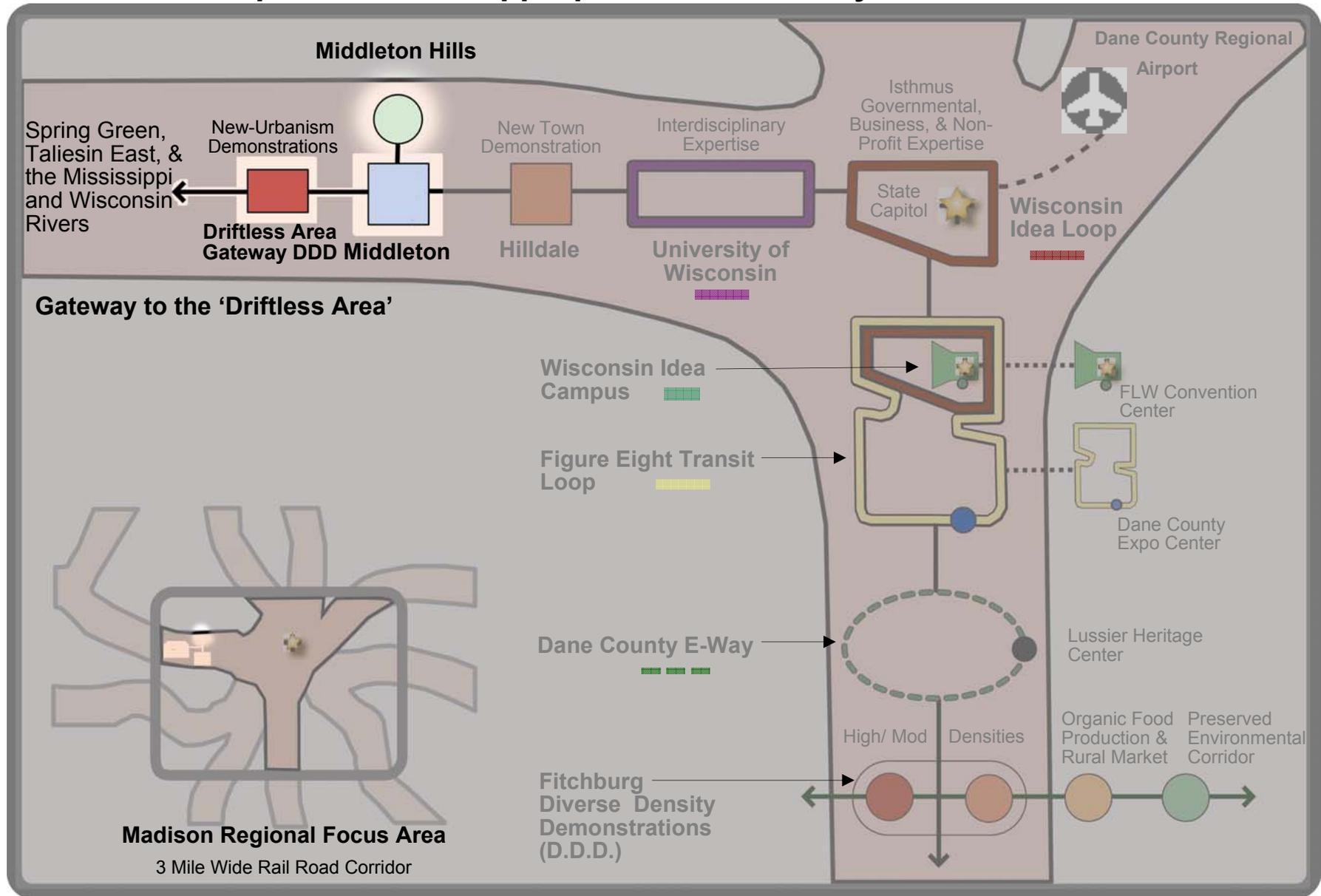


Potential Hildale DDD

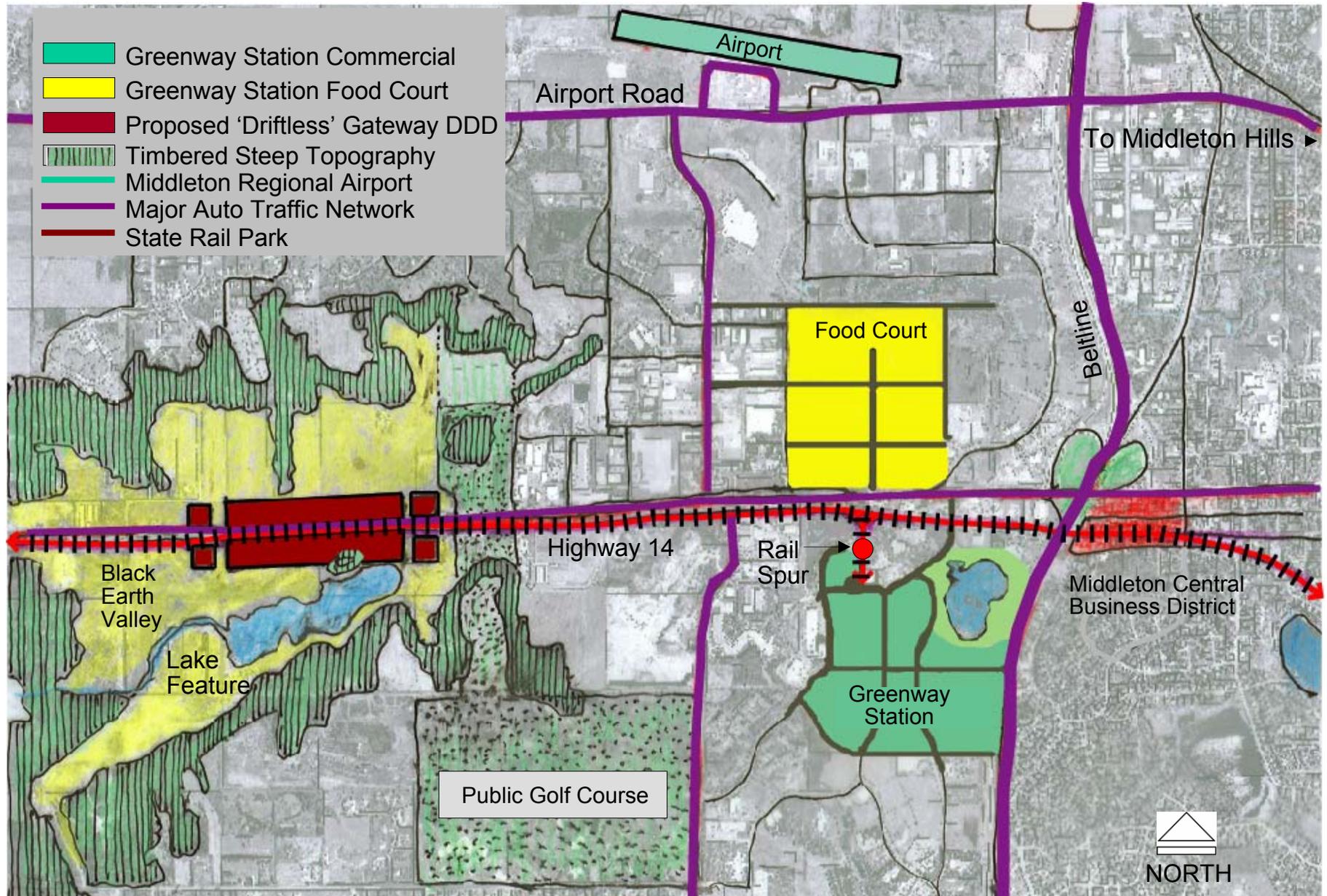


Potential Driftless Gateway DDD

A State Capitol Chain of Appropriate 21st Century Landuse Demonstrations

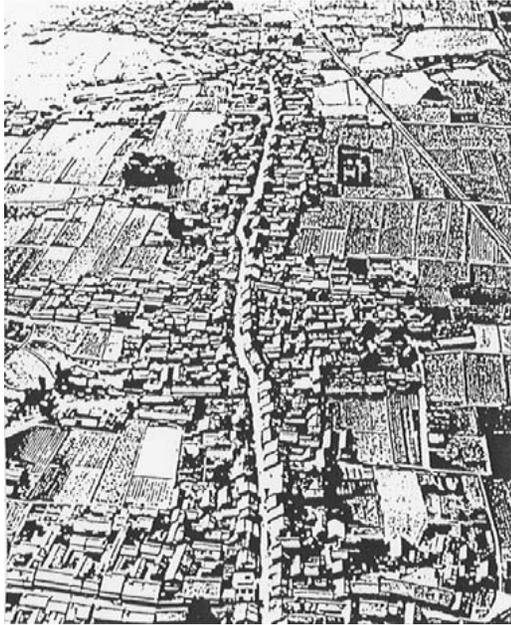


Potential Driftless Gateway DDD



World-wide Examples of Linear City Concepts

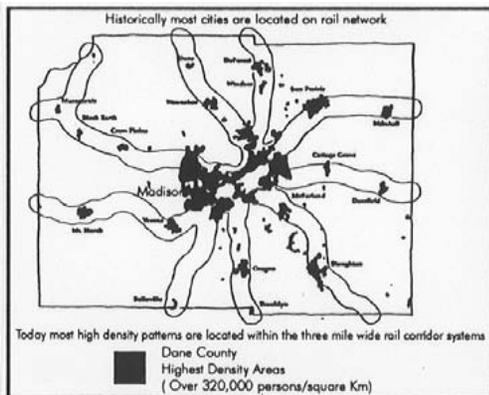
Japan



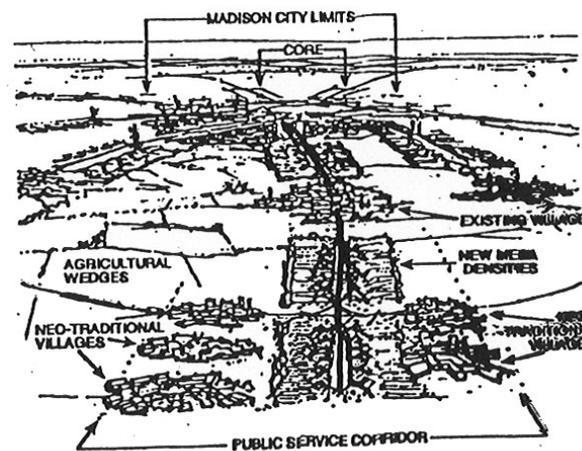
North Africa



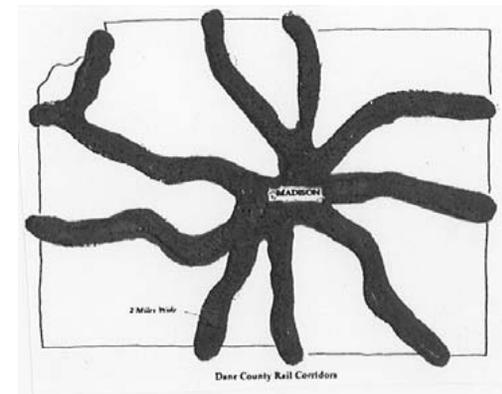
Canada



High Densities in Rail Spokes



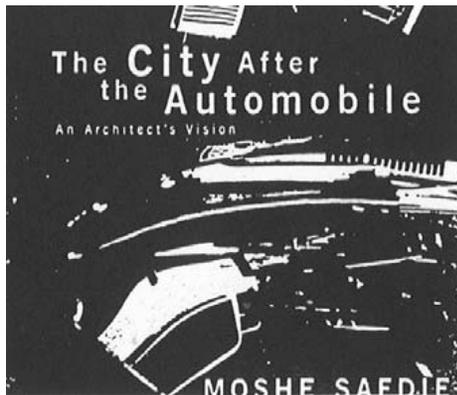
Dane County Wisconsin



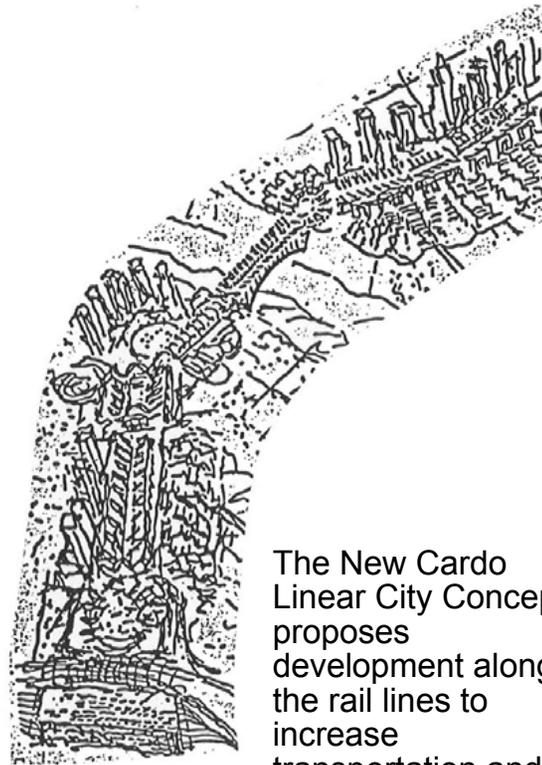
Dane County Rail Spokes
(2 mile Wide Corridor)

Flexible High Density Spaces

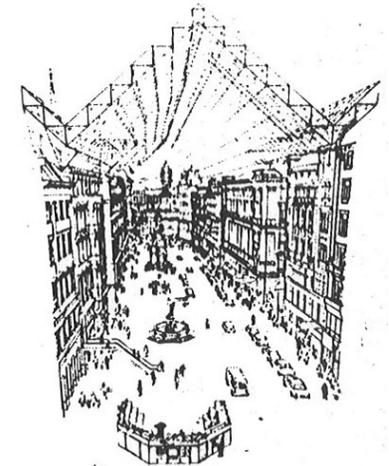
'The City After The Automobile'



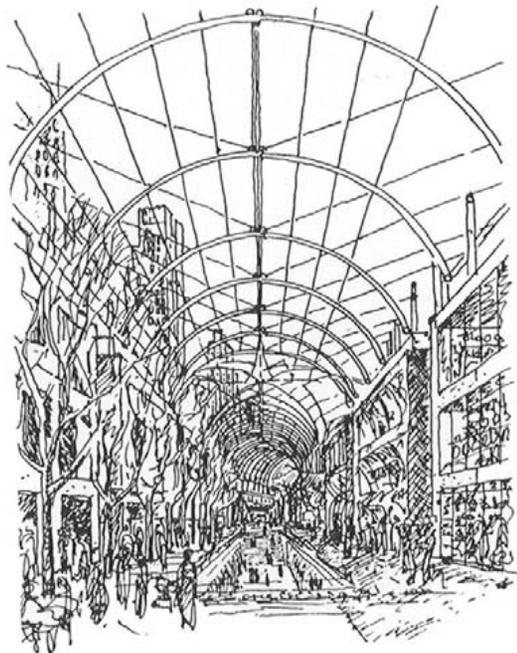
Moshe Safdie's book describes a future with higher livable densities



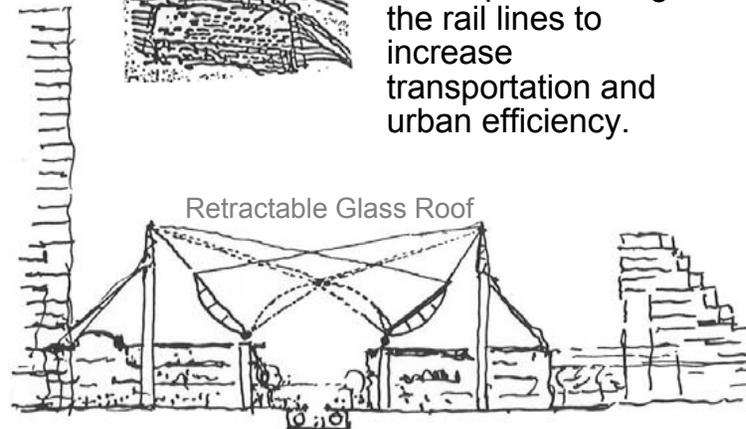
The New Cardo Linear City Concept proposes development along the rail lines to increase transportation and urban efficiency.



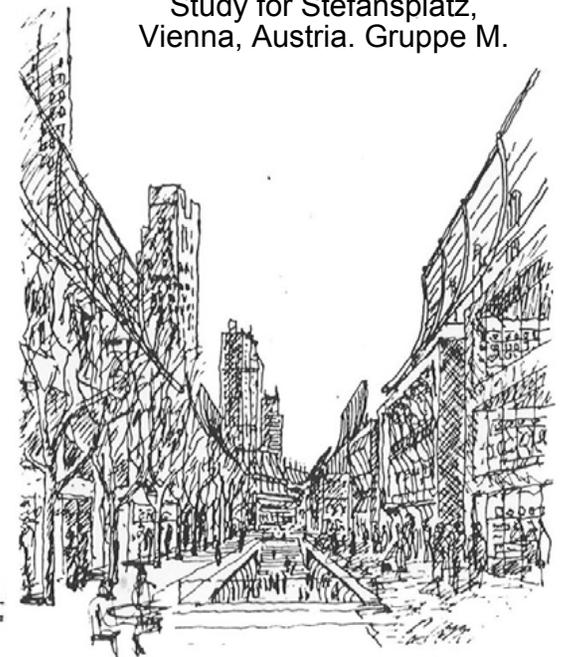
Study for Stefansplatz, Vienna, Austria. Gruppe M.



New Cardo with Enclosing Glass Roof



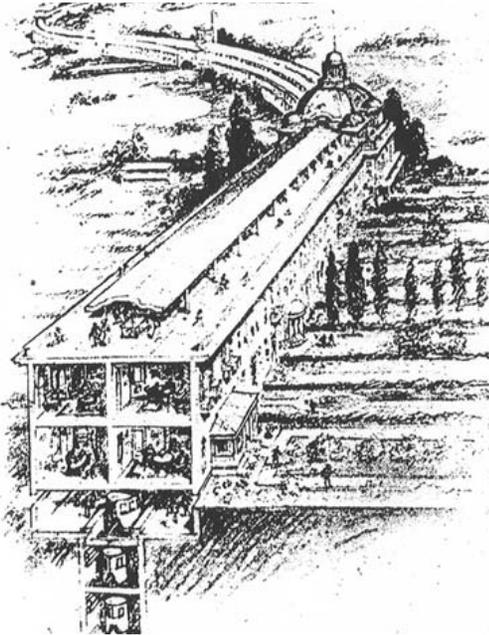
Cross-Section through New Cardo



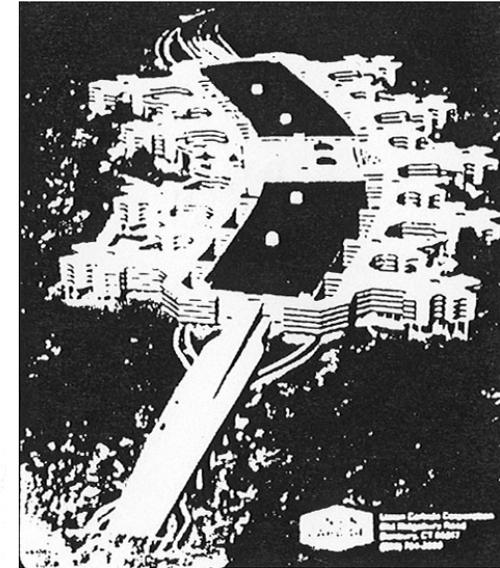
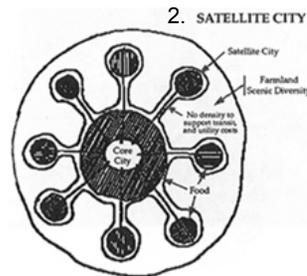
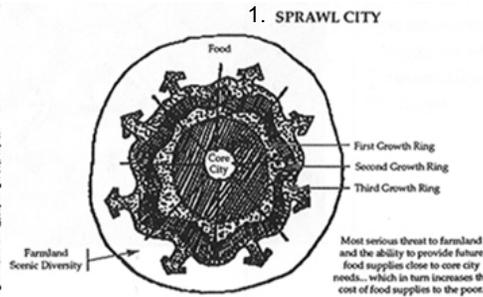
New Cardo with Glass Roof Retracted

Integrated High Density & People Moving Systems

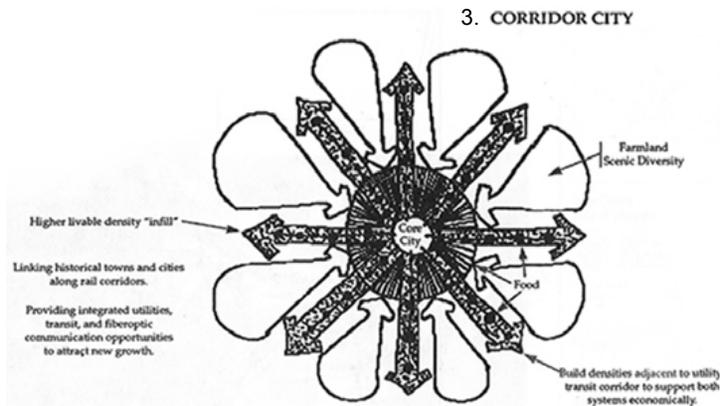
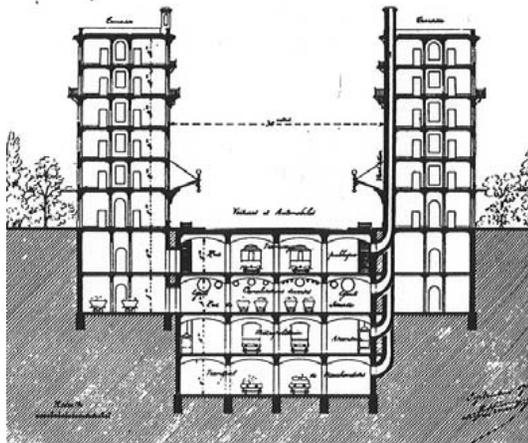
Creating Higher Livable Densities While Preserving Open Space



Roadtown. (Chambless, 1910)
Fisher Fine Arts Library- University of Pennsylvania



Union Carbide International Headquarters- Danbury CT



People Mover Systems as Part of New Linear Cities



Wisconsin and Southern Rail Road



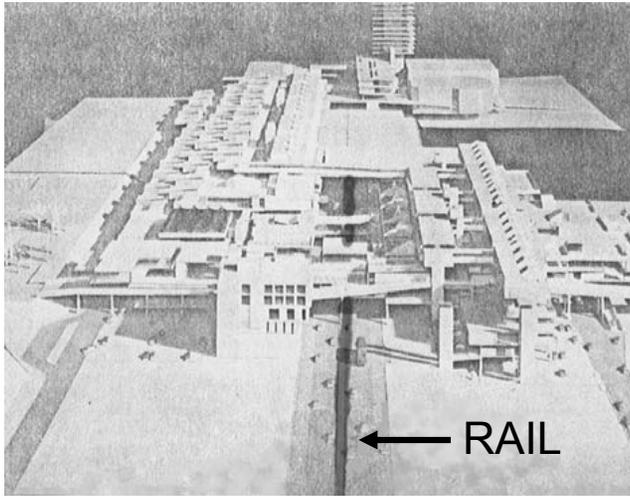
Dr. Ed Anderson's PERT System



(Minnesota State Fair)

Interiors

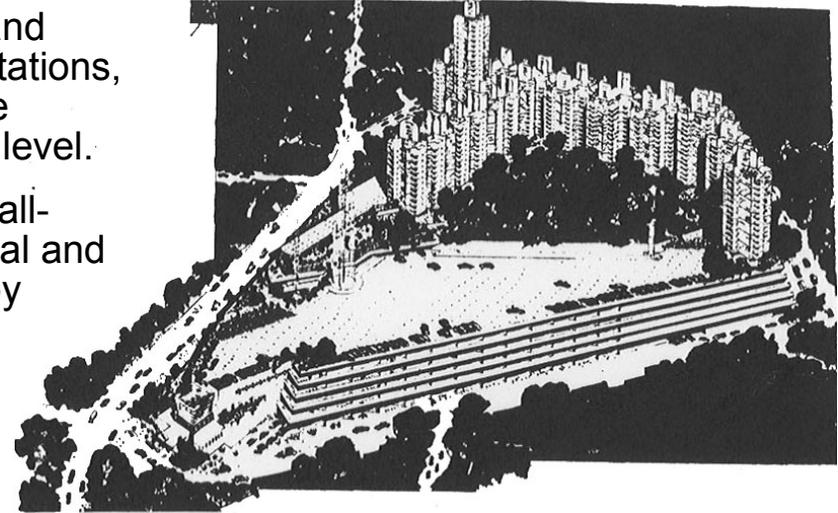
Frank Lloyd Wrights High Linear Density Concepts of Crystal Heights Project, Washington D.C.



Town Centre Model

Private vehicular and mass traffic, bus stations, parking, and waste collection at lower level.

Pedestrians enter all-weather commercial and residential levels by traverse ramps

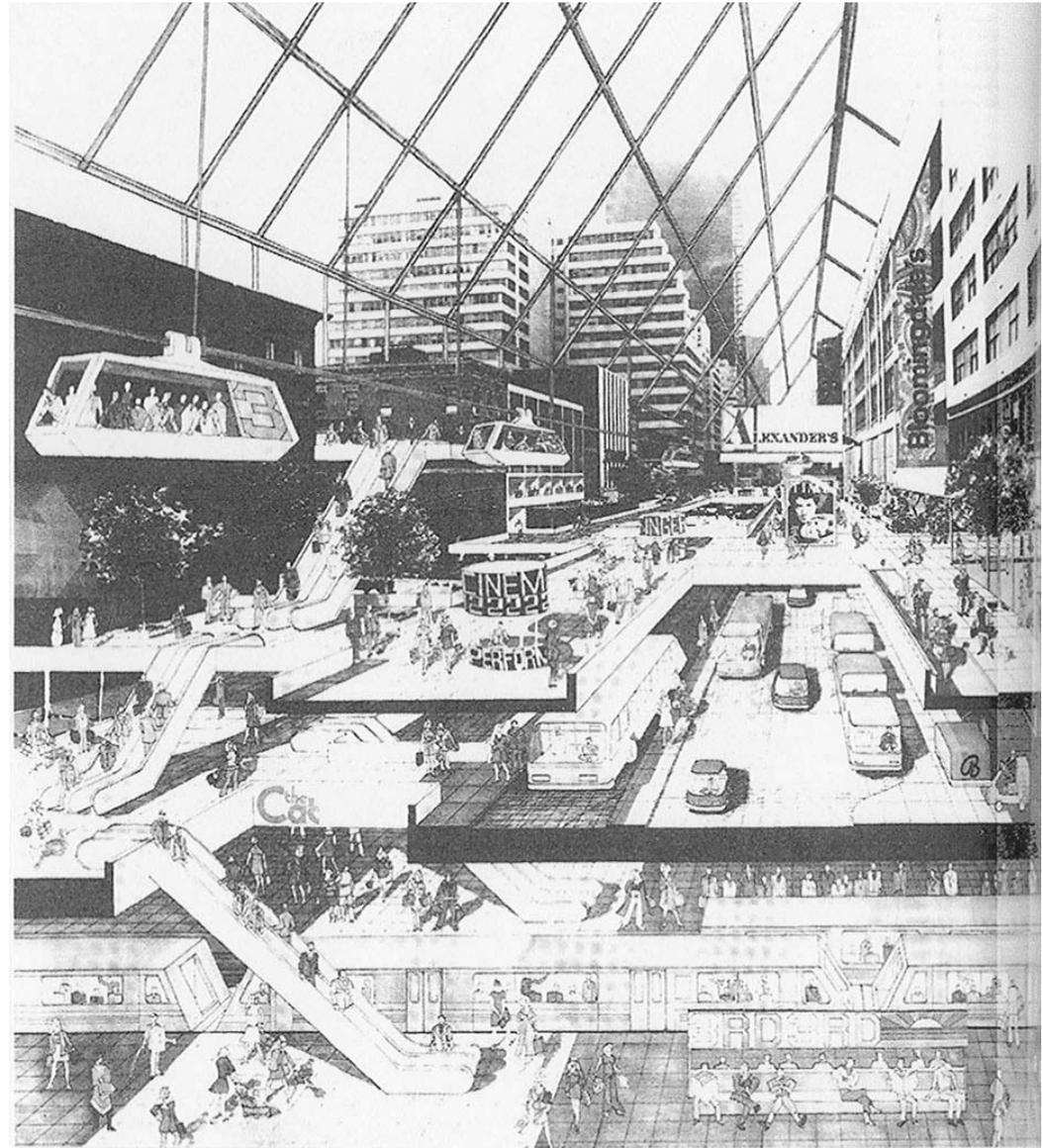
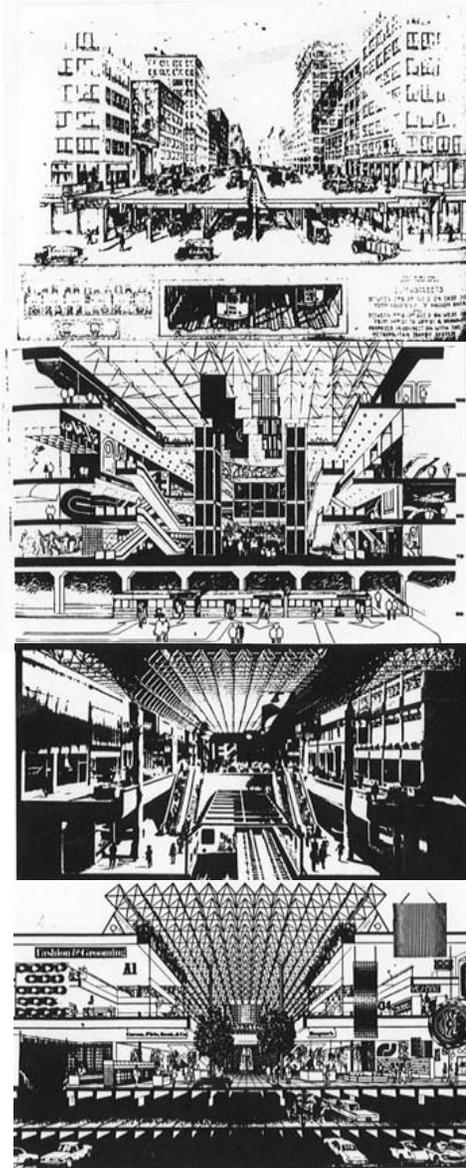


FLW's Crystal Heights Project



Interiors

More Examples of Mega- Linear City Interiors

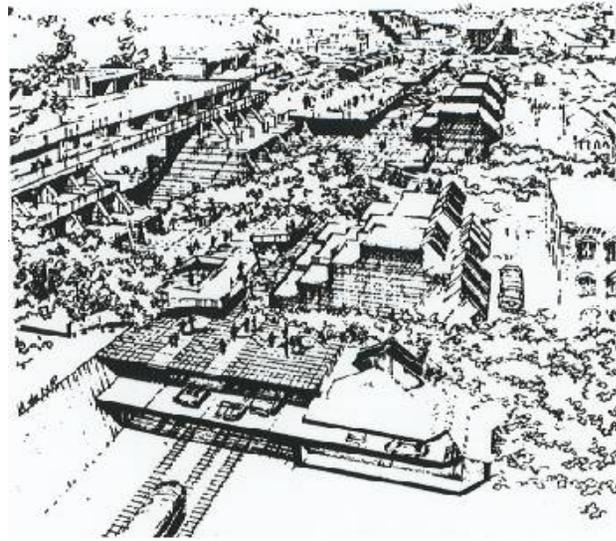


Madison's Mega-City Model

Utilizing Air Rights Over Rail Spokes: Monona Terrace



Creating
Higher Livable
Densities to Slow
Sprawl and
Support Rider-ship for
Mass Transit



Linear City

Integrated
Arteries of
Growth:
Transit
Communications
Utilities

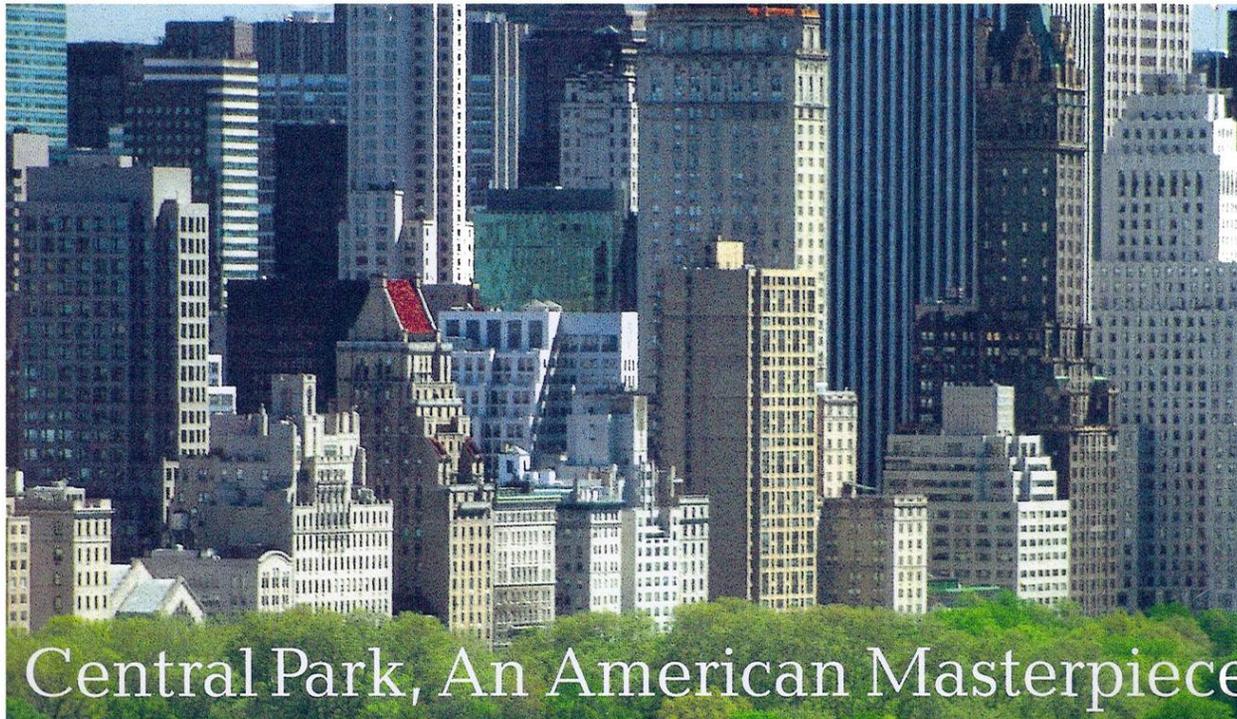
New York City

An example of linear high density mega-structure and sustainable open space contrast

Central Park
Diversity

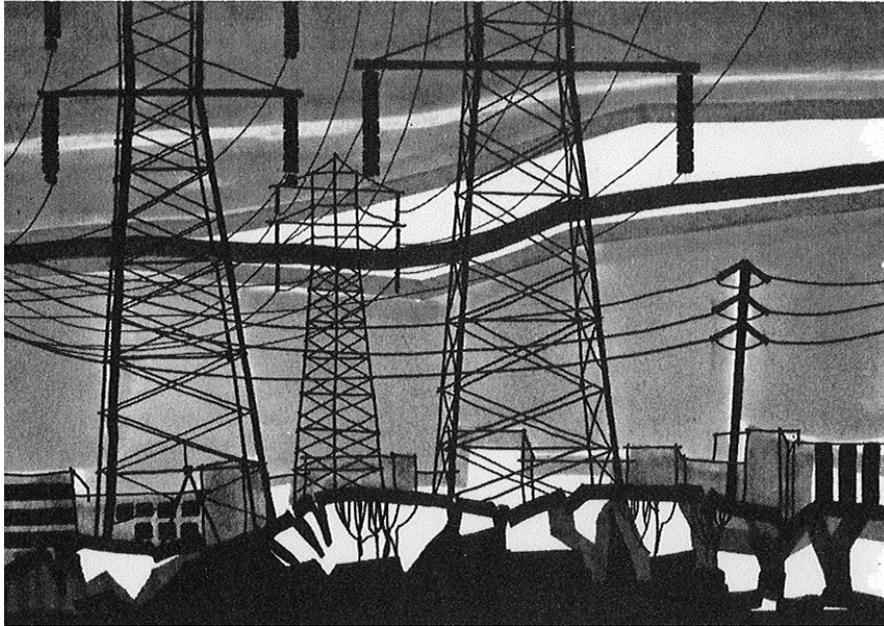


Linear High
Density City

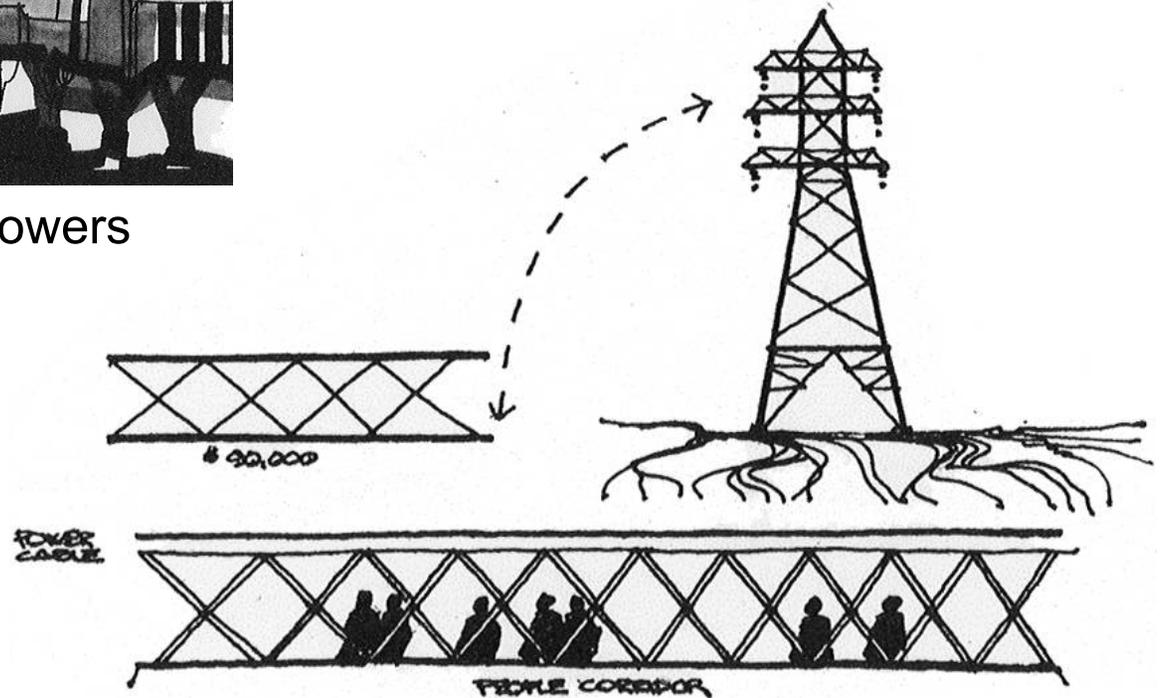
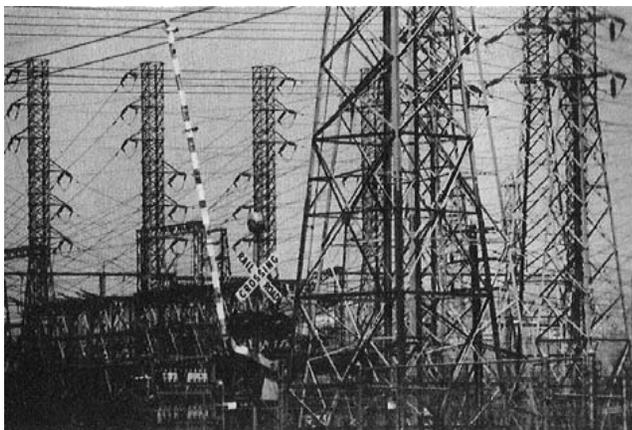
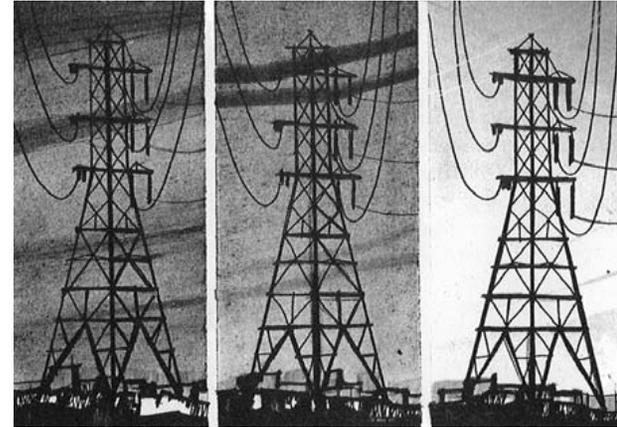


Central Park, An American Masterpiece

Seeking Sustainable Futures



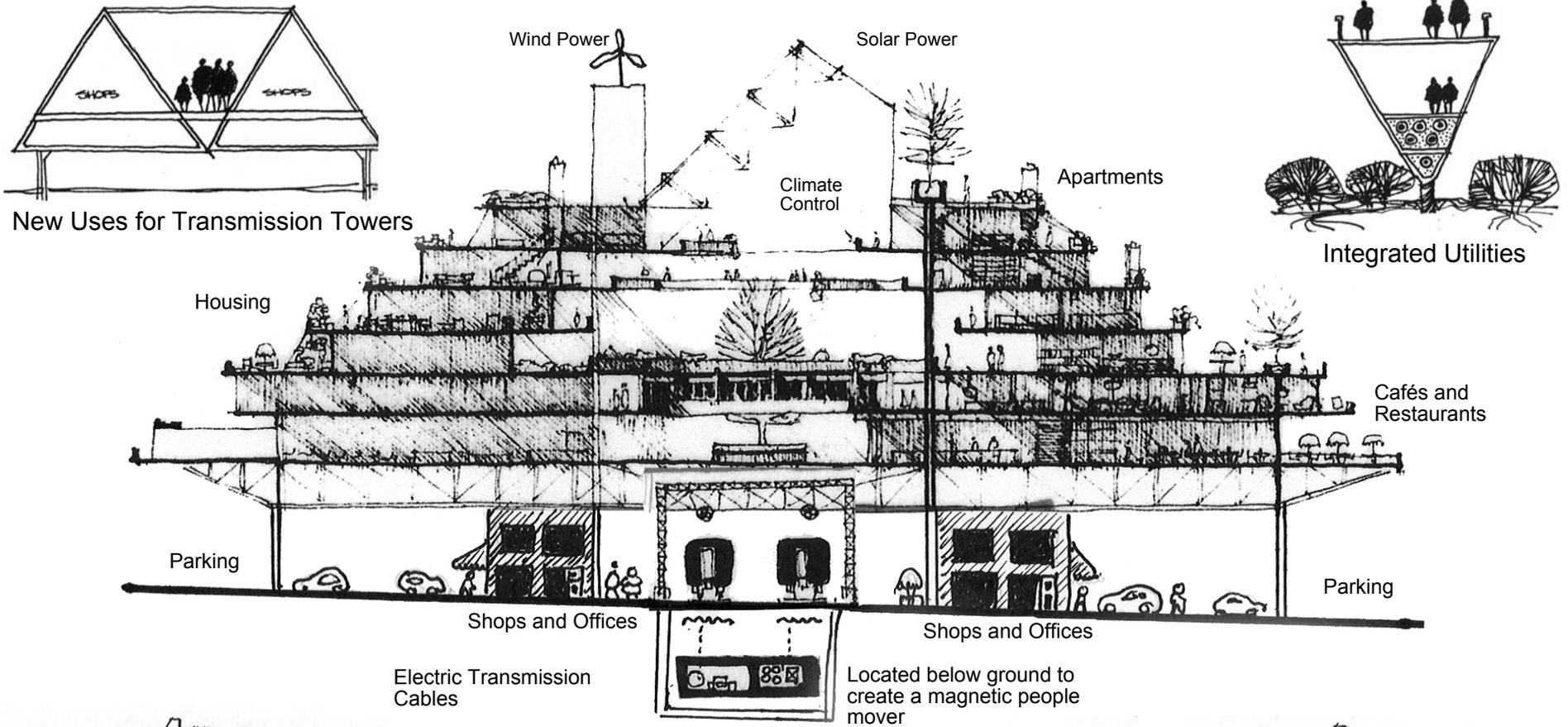
Conventional Transmission Towers



Pivot Electrical Transmission Towers to Move Both Energy and People

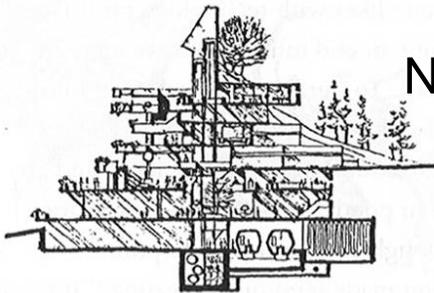
Future Options

A model for building higher livable densities along our rail corridors

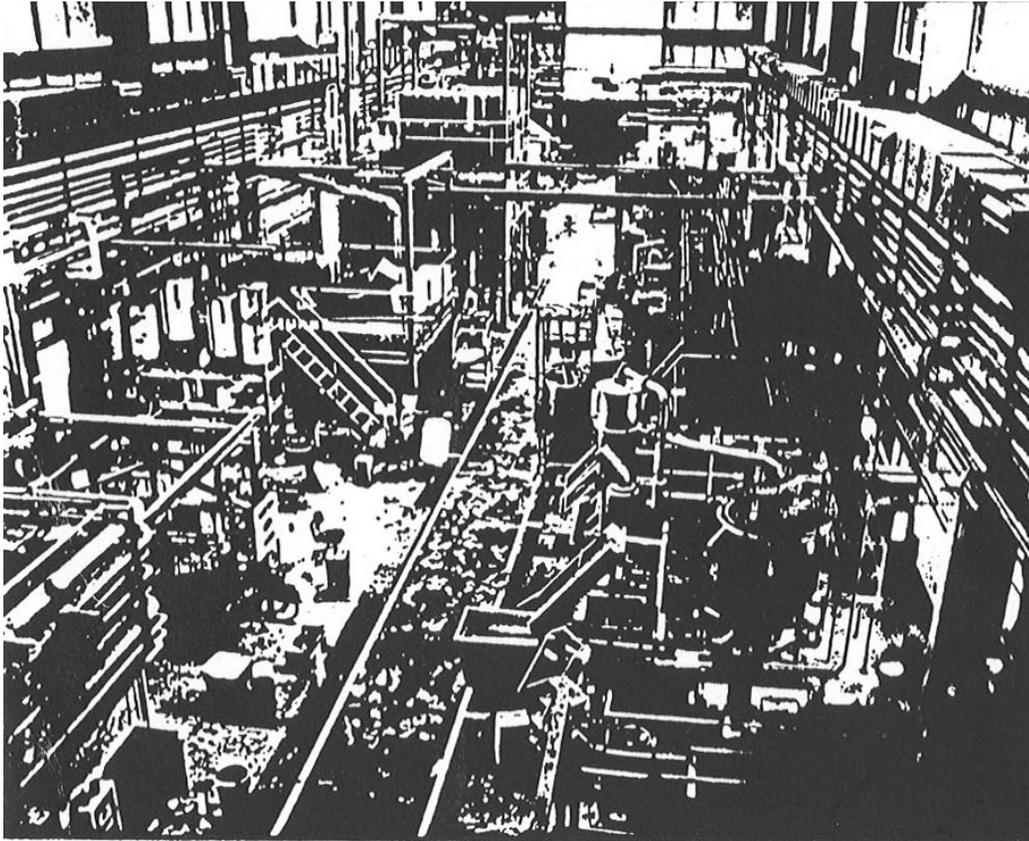


New Structures to Utilize Rail Corridor Air Rights

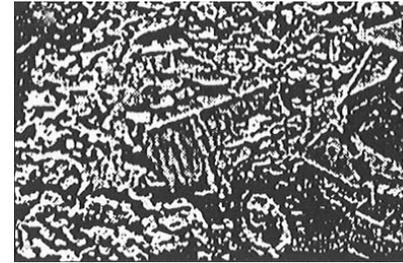
Integrated Utilities, Transit System, Solar Collectors, & Earth Mounding to Block Northern Winter Wind



Recycled 'Trash' as Building Materials



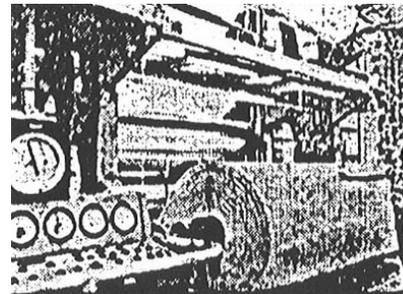
Paper Research and Technology
Transfer at the Forest Products
Laboratory



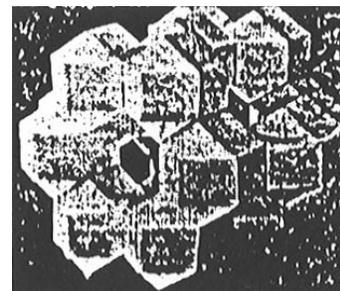
Tons of
used
paper is
wasted
annually
as trash



This paper
can be
recycled as
a growing
medium



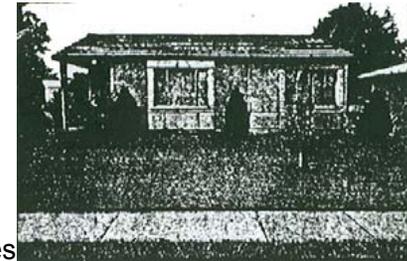
OR processed
back into paper
products for
writing and
building materials



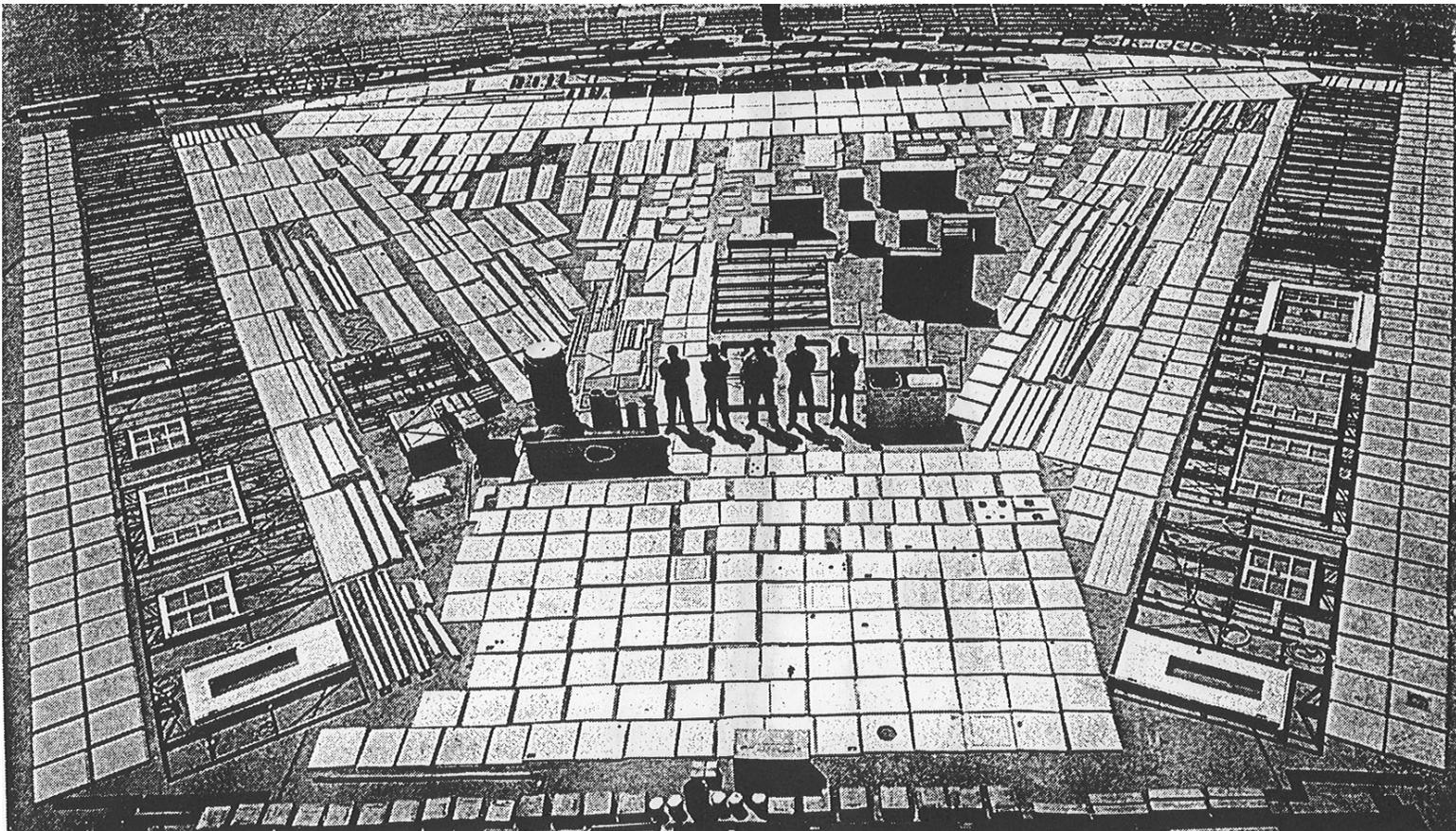
Paper Folding as
a creative art
form inspires
aesthetic
modules for living
spaces.

Accepting Mass-Produced Modular Components

Lustron 'Homes of Tomorrow' were assembled from sets of all-steel parts delivered, by a single truck, to any chosen site.

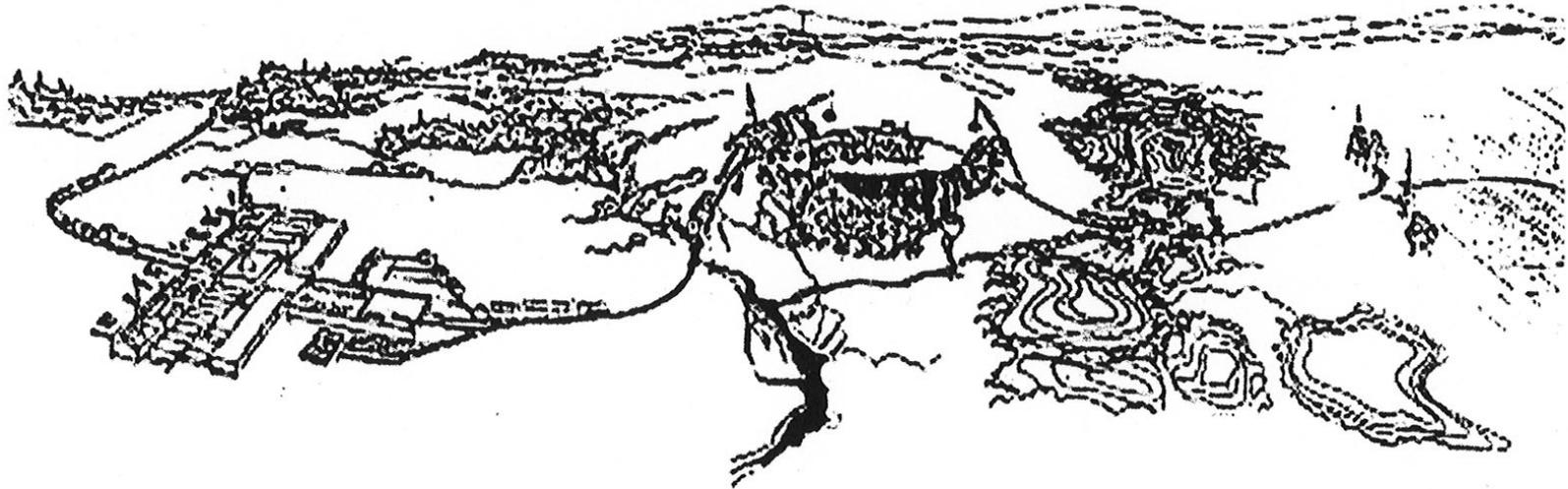


Eric Lunsford- New York Times

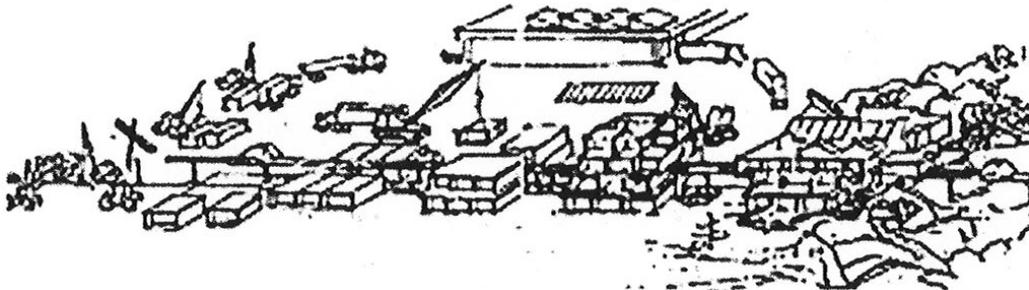


Creating New Urban Modules & Forms Near Timber Supply

Creating Industry Along The Rail Lines That Provide Direct Transport to Linear Cities



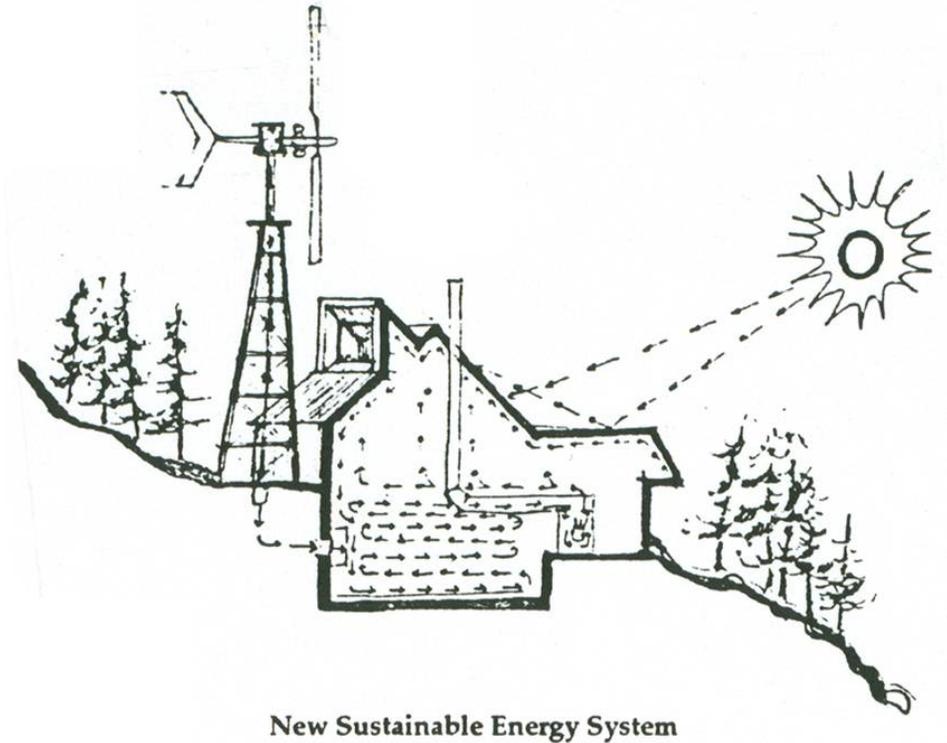
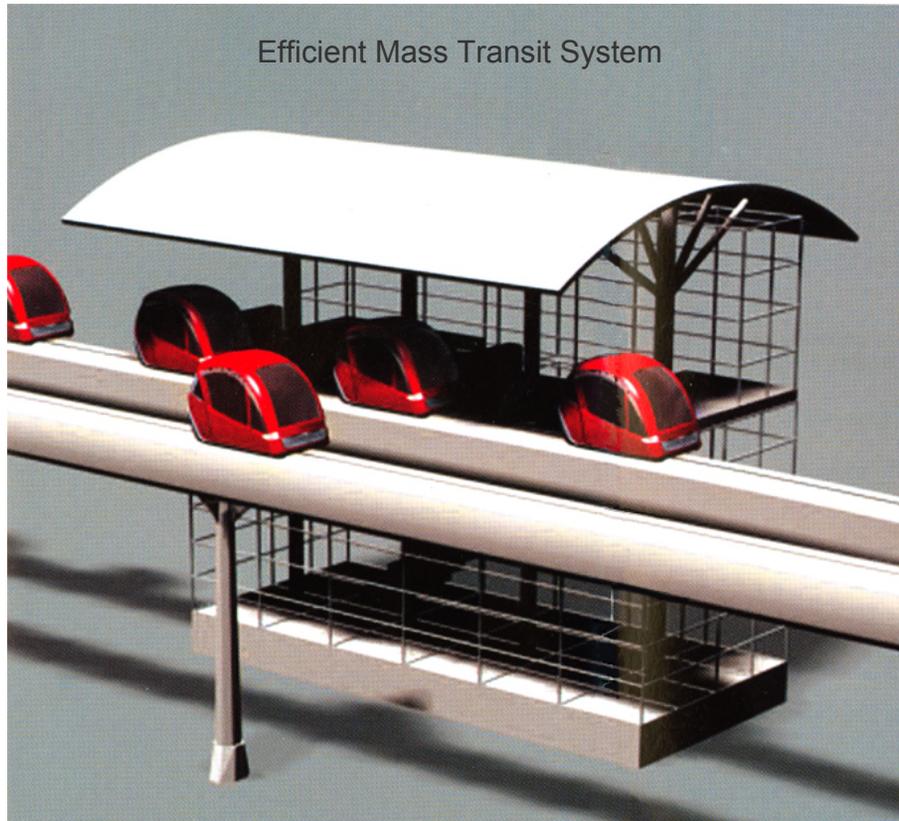
Building modules manufactured near wood supply , railed into place and inserted into urban air rights structure



Mass transit and integrated utility systems offer new options for mass produced modules of living megastructures.

Sustainable Technologies

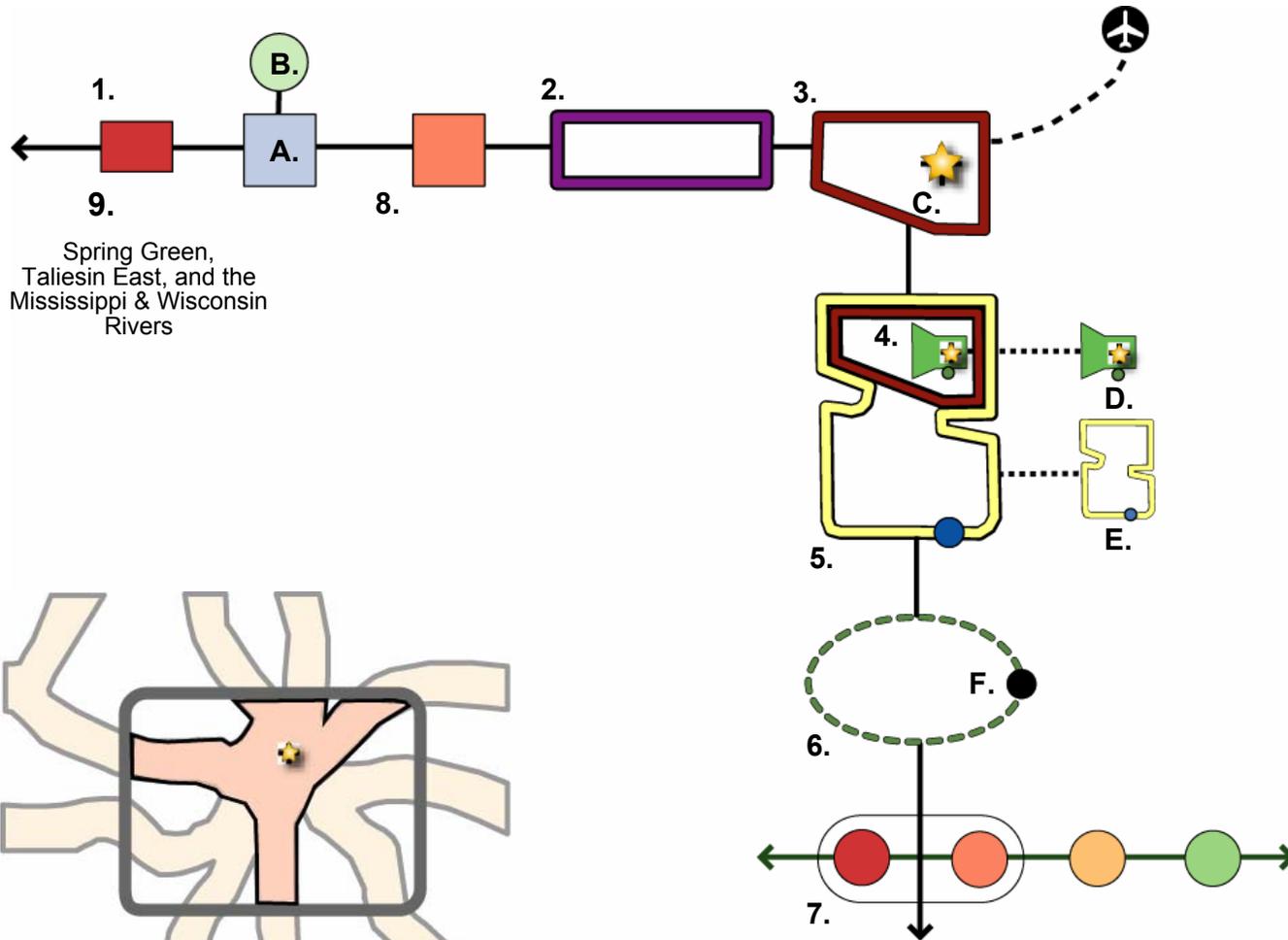
Utilizing Alternative Options in Higher Livable Densities



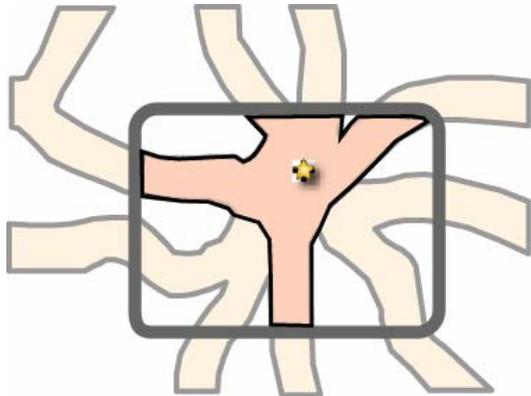
For a More Sustainable Future

Overview

A Model For Sustainable and Regenerative State Capitol Landuse Demonstrations



Spring Green, Taliesin East, and the Mississippi & Wisconsin Rivers



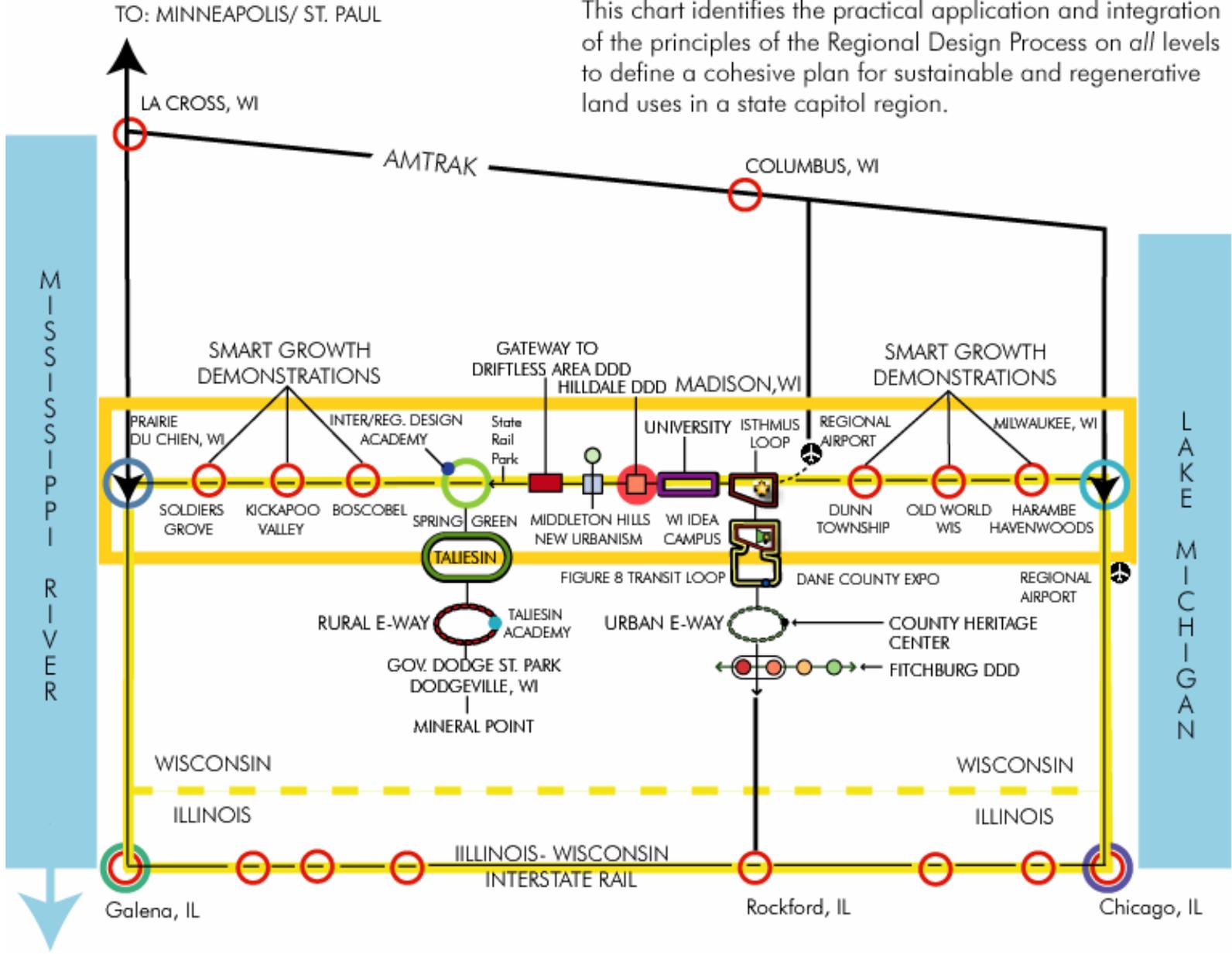
Madison Regional Focus Area
3 Mile-Wide Rail Corridors

Demonstrations

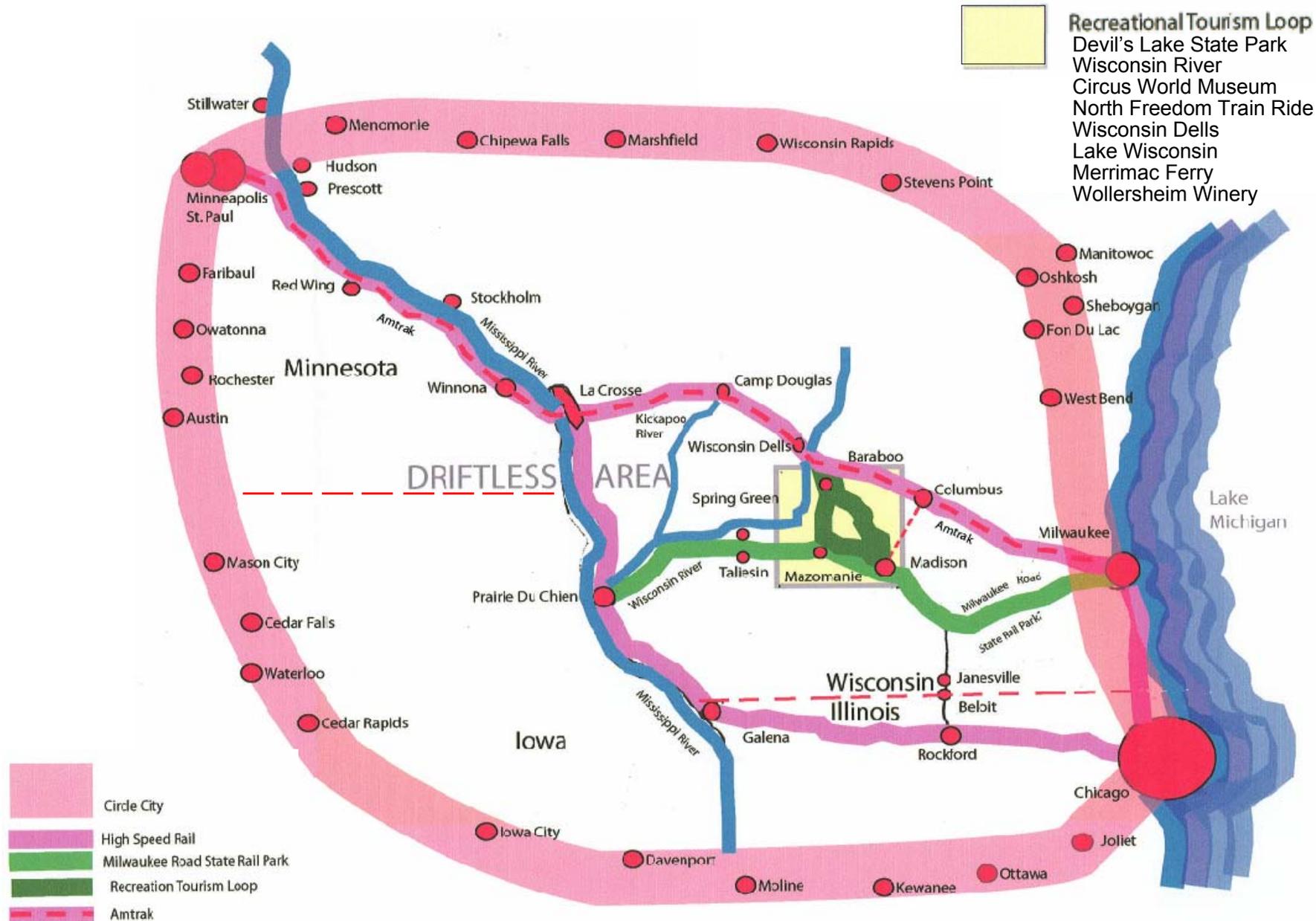
1. Gateway to the 'Driftless Area'
 - A. City of Middleton
 - B. Middleton Hills
2. University of Wisconsin-Interdisciplinary Expertise
3. Wisconsin Idea Loop
4. Wisconsin Idea Campus
 - C. State Capitol
 - D. FLW Convention Center
5. Figure-8 Transit Loop
 - E. Dane County Expo
6. Dane County E-Way
 - F. Lussier Heritage Center
7. Diverse Density Demonstration-Fitchburg
8. Diverse Density Demonstration-Hilldale
9. Diverse Density Demonstration-Driftless Gateway

Regional Design Overview

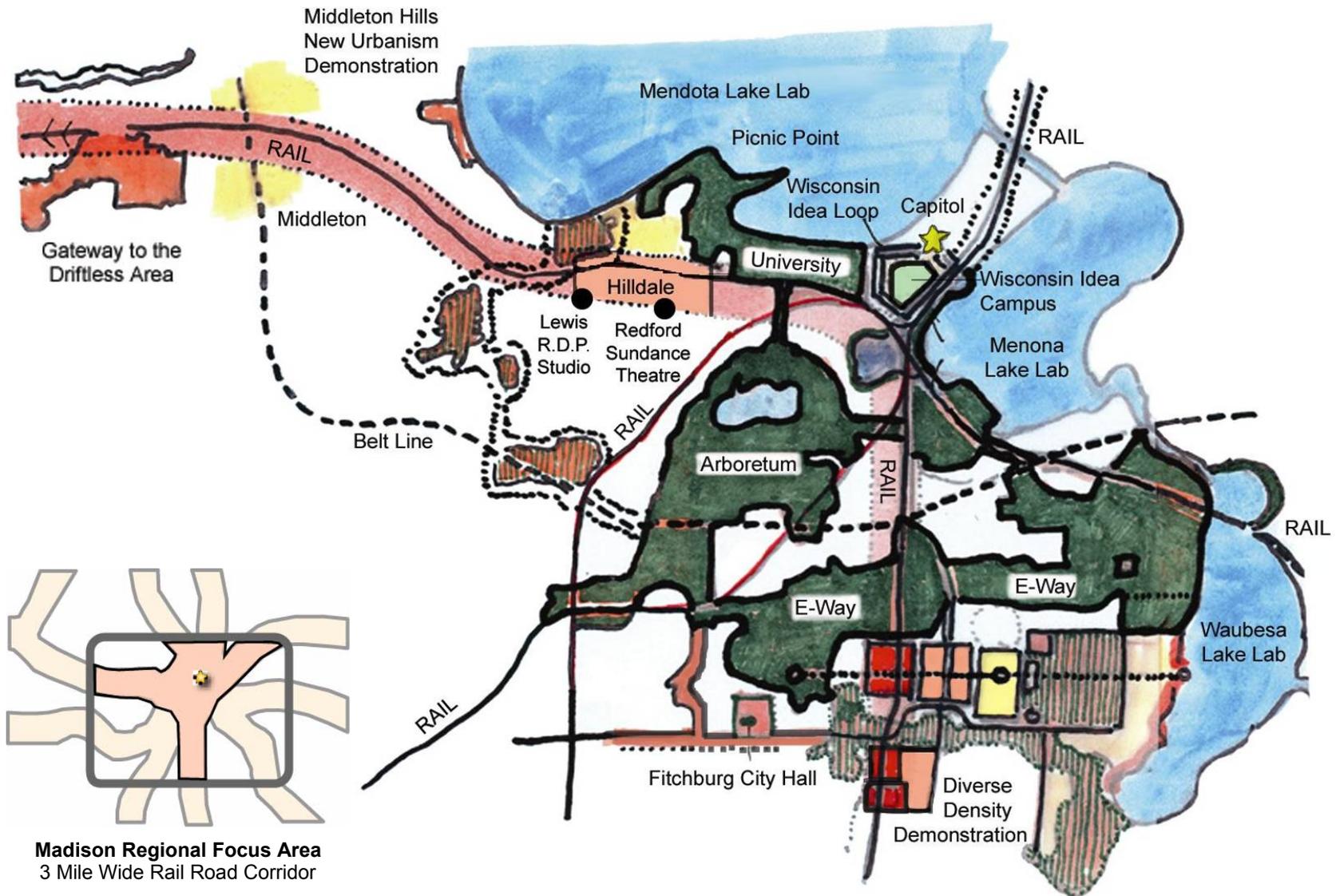
This chart identifies the practical application and integration of the principles of the Regional Design Process on *all* levels to define a cohesive plan for sustainable and regenerative land uses in a state capitol region.



Circle City and Connecting Rail Systems



The State Capitol's Sustainable & Regenerative Landuse Demonstrations



“People are getting
modules of information,
but very little in the way
of framework within
which to position this
knowledge”

-Alvin Toffler

Notes

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Meet the Author

Certificate of Appreciation

Service to State of Wisconsin Governor Patrick Lucey 1971

A Commendation

A career to practicing landscape architecture and promoting regional design for sustainable development - Governor Tommy Thompson 1995

Citation by the Wisconsin Assembly

Prof. Lewis has served as chairman of the Landscape Architecture program at the Univ. of Wis. and has served as the Director of State Recreation Plans for both Illinois and Wisconsin - Representatives Black, Prosser, and Freese 1995

Proclamation, County of Dane

Prof. Lewis has had a profound impact on the presentation and management of the natural and cultural resources of Dane County - Executive Richard Phelps 1995

Foreword to Lewis's book, 'Tomorrow By Design'

The Wisconsin Inventory and Analysis, plus similar studies done under Professor Lewis's direction of the Great Lakes Basin, the Upper Mississippi Valley, and the States of Illinois and Alaska which were supported by the National Park Service, the U.S. Corps. Of Engineers, the Illinois State Housing Board, and the U.S. Land Law Review Commission, are a core prototype of a national inventory and analysis - Gov. Senator Gaylord Nelson, 1995

Recognition

Prof. Lewis was a recipient of the American Society of Landscape Architects' highest award, the A.S.L.A. medal, 1987

Education

M.L.A. Harvard Univ. 1953 B.F.A. L.A. Univ. of Illinois 1950

5-month Air Corps. College training Univ. of Missouri

2½-year Air Corps. Service 1943-1946

Positions

Asst. Prof./Assoc. Prof., Landscape Architecture, Bureau of Community Planning Univ. of Ill 1953-1961

Director, Recreation and Open Space Study of Illinois 1958-1961

Director, State of Wis. Recreation Resource, Research and Design, Dept. Of Resource Development 1963-1965

President, Professional planning and design firm Landscapes Limited, Madison, Wis. 1961-1965

Chairman, Dept. of Landscape Architecture, Univ. of Wis. 1969-1974

Director and Founder, Univ. of Wis. Environmental Awareness Center 1967-1994

Professor, Dept. of Landscape Architecture and Cooperative Extension

Currently, Director of the Phil Lewis Regional Design Studio and the Marshal Erdman Academy of Sustainable Design

Research Interests

Interdisciplinary regional design process for the identification, protection, and enhancement of regional landscapes and urban settlements

Concepts

Environmental corridors, nodes of diversity, 'E'-way heritage necklaces, heritage awareness centers, urban constellations, environmental matrix, urban and rural value icons, state rail parks

Awards

Charles Eliot Traveling Fellowship, Harvard Univ., Europe travels 1953-1954

Tuition scholarship Harvard Grad. Sch. Design 1952-1953

XI Gamma Iota, Univ. Honors Univ. of Ill. Epsilon Sigma Phi, National Extension Fraternity, recognition for 25 years of devoted service 1992

Sage Award, the Earth Charter Org. 2003

Bolz Lifetime Stewardship Award, Natural Heritage Land Trust 2004

E.S.R.I. Lifetime Achievement Award, Environmental Science Research Institute

Books

Regional Design for Human Impact, Thomas Publication, Ltd. Kaukauna, WI, 311 pgs.

Tomorrow By Design, John Wiley & Sons, 1996.

Regional Design Process Series (Now being produced)

Foreign Lectures

England, Canada, Ireland, Netherlands, Poland, Taiwan

National Endowment of the Arts Relationships

Member, Overview Committee 1987

Poland visit supported by Endowment and Smithsonian Design Research Jury 1969

Received grant to create Madison, Wis. E-way and Heritage Center (Built 2003)

Tocks Island Regional Advisory Council field exercise supported by Endowment 1967



Professor Lewis as a critic at the Taliesin Hillside School in Spring Green, WI



Prof. Lewis
and
Governor Gaylord Nelson
(Father of Earth Day)

U.S Invitee to Prince Philips Countryside 1970
Conference, London, England

Wisconsin Land Legacy Report *An inventory of places to meet Wisconsin's future conservation and recreation needs*



Wisconsin Department of Natural Resources

Professor Phil Lewis conducted a major inventory of ecologically-based corridors that helped many communities design park and open space initiatives. These plans, and others like them, “pushed the envelope” and changed the way institutions and the public viewed land and water protection.

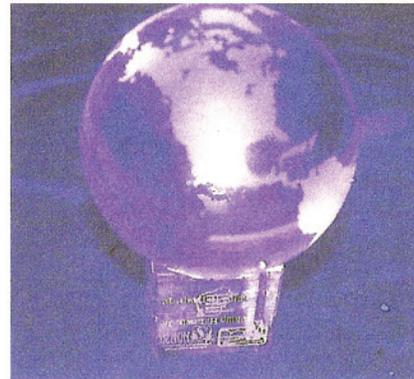
Although it can take considerable time for the ideas presented in these “big picture” plans to reach fruition, their utility and worthiness is clear: **they help establish a long-term context within which short term opportunities can be identified and evaluated.**

AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS



Purpose: The ASLA Medal is the highest honor the American Society of Landscape Architects (ASLA) may bestow upon a landscape architect whose lifetime achievements and contributions to the profession have had a unique and lasting impact on the welfare of the public and the environment.

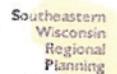
Frequency: One medal awarded annually



ECO Award

The ECO (Environmental Corridor Ovalion) Award was established in 2007 by the Southeastern Wisconsin Regional Planning Commission (SEWRPC), the Milwaukee Metropolitan Sewerage District (MMSD), and the Wisconsin Department of Natural Resources (WDNR) to annually recognize and reward excellence in environmental stewardship.

The first recipient of the ECO Award, Philip H. Lewis, Jr., is recognized as the father of the environmental corridor concept. Developed in the 1960s, his concepts pushed the envelope and changed the way that institutions and the public viewed land and water protection. As a result of his leadership and dedication, the environmental corridor concept has been embraced by many planning agencies across the United States.



CHINESE LANDSCAPE ARCHITECTS SOCIETY IN TAIWAN

has pleasure in presenting this letter of gratitude

to

PHILIP H. LEWIS

In appreciation of cooperation and assistance to the International Landscape Architecture Student Design Competition of the 6th IFLA Eastern Regional Conference in Taipei, Taiwan, November, 1994.

Signature
CHINESE LANDSCAPE ARCHITECTS SOCIETY IN TAIWAN



Signature
PHILIP H. LEWIS



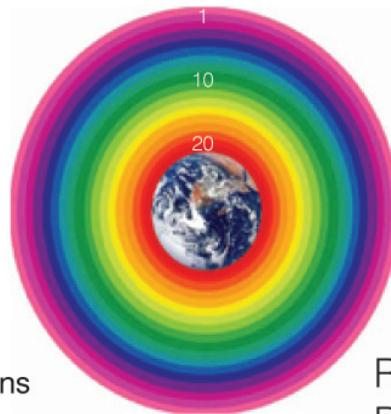
Member of Stewart Udalls'
Overview
Interdisciplinary Team

Sustainable & Regenerative Futures

Regional Design Components

1. Population Awareness
2. Ethical Guidelines
3. Support for Regional Design
4. Interdisciplinary Availability
5. Public Involvement
6. Inventory Tools
7. Statewide Inventories
8. Corridors, Nodes, & Personalities
9. Use of Significant Icons
10. Natural & Cultural Frameworks
11. Resource Matrix
12. Resource Cells
13. Dane County Demonstrations
14. E-ways & Rail Corridors
15. Awareness Centers
16. State Idea Centers
17. International Academy
18. Higher Livable Densities
19. Sustainable Technologies
20. Linear Cities

Regional Design Process



Regional Context



1950 - 2007



EVOLVING

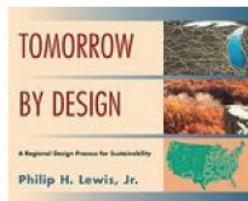
Regional Design Process & Real World Testing

Midwest Applied Prototypes

1. Great Lakes Watershed
2. Upper Mississippi Basin
3. Upper Midwest Circle City
4. Driftless Region
5. Illinois
6. Wisconsin Rail Parks
7. Rural Iowa County
8. Urban Dane County
9. Madison Capitol Region
10. Madison Capitol City
11. Iowa & Dane County
12. University of Wisconsin-Madison
13. Wisconsin Idea Loop
14. Wisconsin Idea Campus
15. Figure-8 Transit Loop
16. Alliant Energy Center
17. Expanded Dane County E-way
18. Diverse Density Demonstrations
19. Sustainable Technologies
20. Linear City Demonstration

Design Options For All Capitol Regions

1996



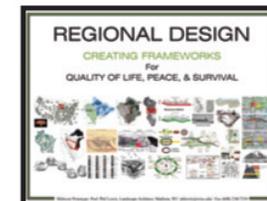
Tomorrow By Design, 1996
John Wiley Publishing

2002



Regional Design Process, 2002
Erdman Academy & Lewis Studio

2007



Creating Frameworks for Life, Peace, & Survival, 2007
Ready for Distribution and Comment