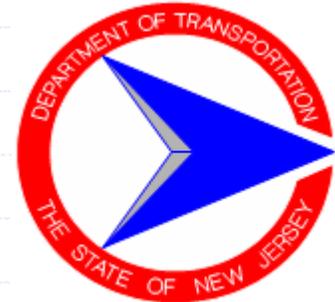


Energy Use, Greenhouse Gases, Transportation, and Land Use Patterns



Transportation and land use policies

- ◆ Transit
- ◆ Demand management and alternative modes (park/ride, ridesharing, bike/ped, etc)
- ◆ Intelligent transportation systems
- ◆ Improved land use patterns

Do better land use patterns
reduce vehicle miles traveled
(VMT)?
How much?



Growing Cooler: The Evidence on Urban Development and Climate Change



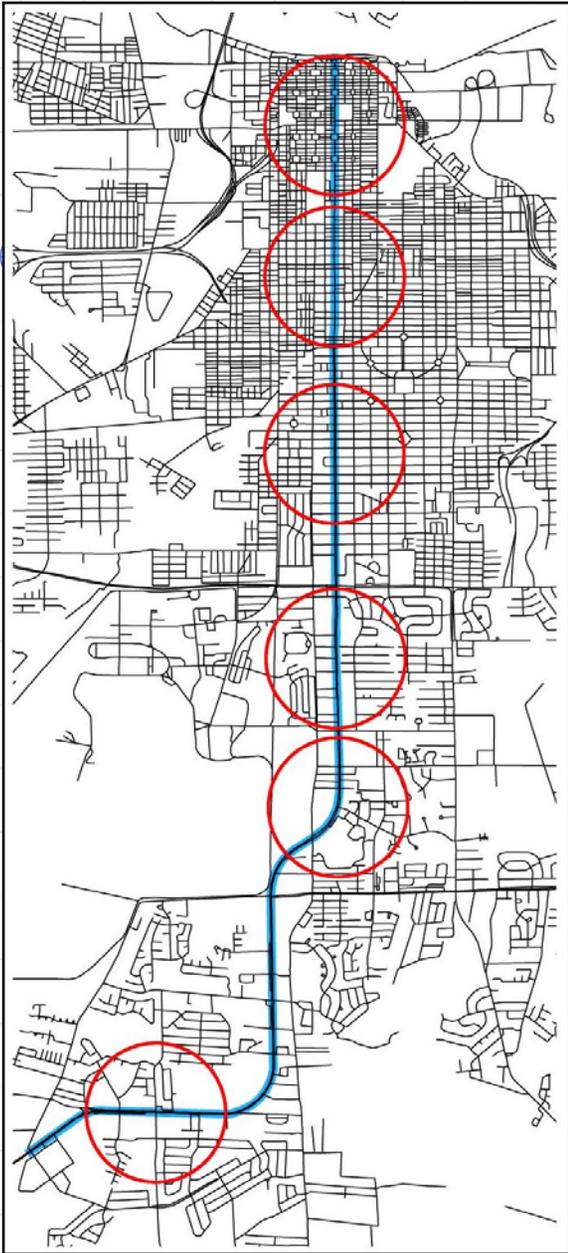
Reid Ewing, Keith Bartholomew, Steve Winkelman,
Jerry Walters and Don Chen

with Barbara McCann and David Goldberg

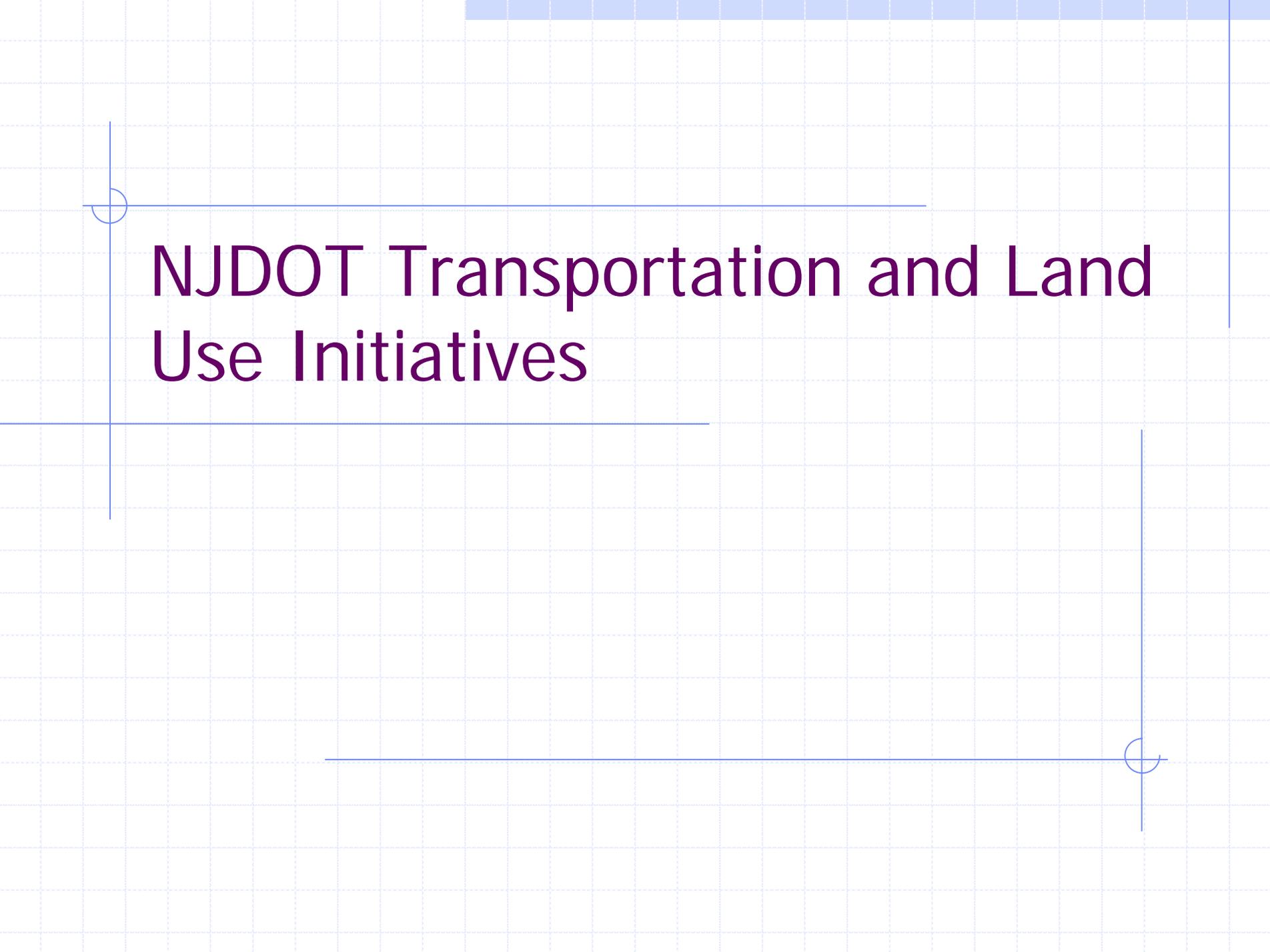


Recent studies show
better land use +
better transit
reduces VMT in the
order of 20% over
trend

Abercorn Street Savannah, GA



- ◆ Small-lot + grid = 2x FAR over sprawl area
- ◆ 22.5% longer average commute time in sprawl area
- ◆ 5x more trips per square foot from sprawl development
- ◆ Nearly 100x more land devoted to parking in sprawl area
- ◆ **Exporting infrastructure cost makes marginal land uses viable**



NJDOT Transportation and Land Use Initiatives

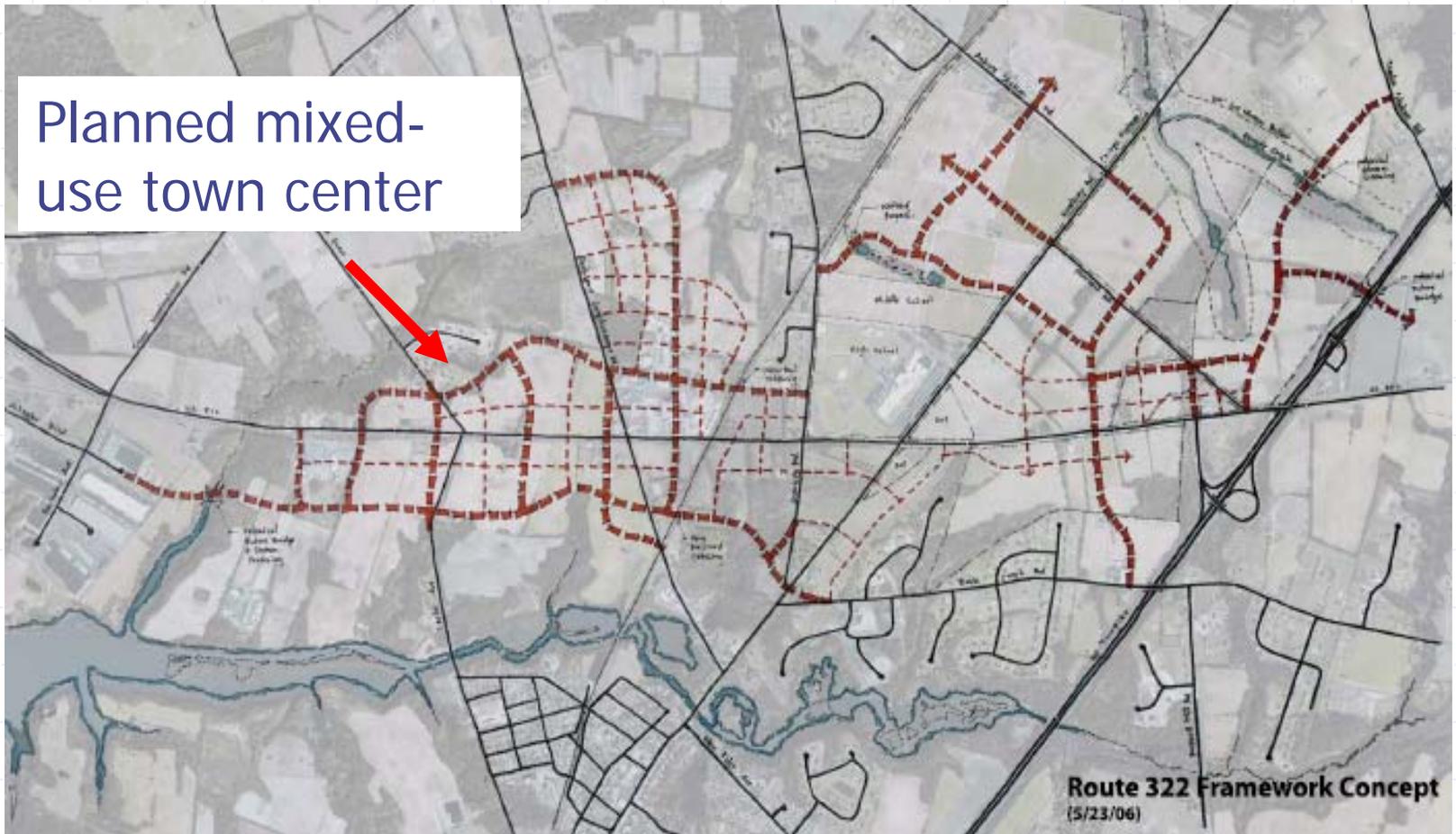
NJFIT: Future in Transportation



- ◆ Integrated transportation and land use studies around the state

NJFIT: Future in Transportation Route 322, Woolwich Twp

Planned mixed-use town center

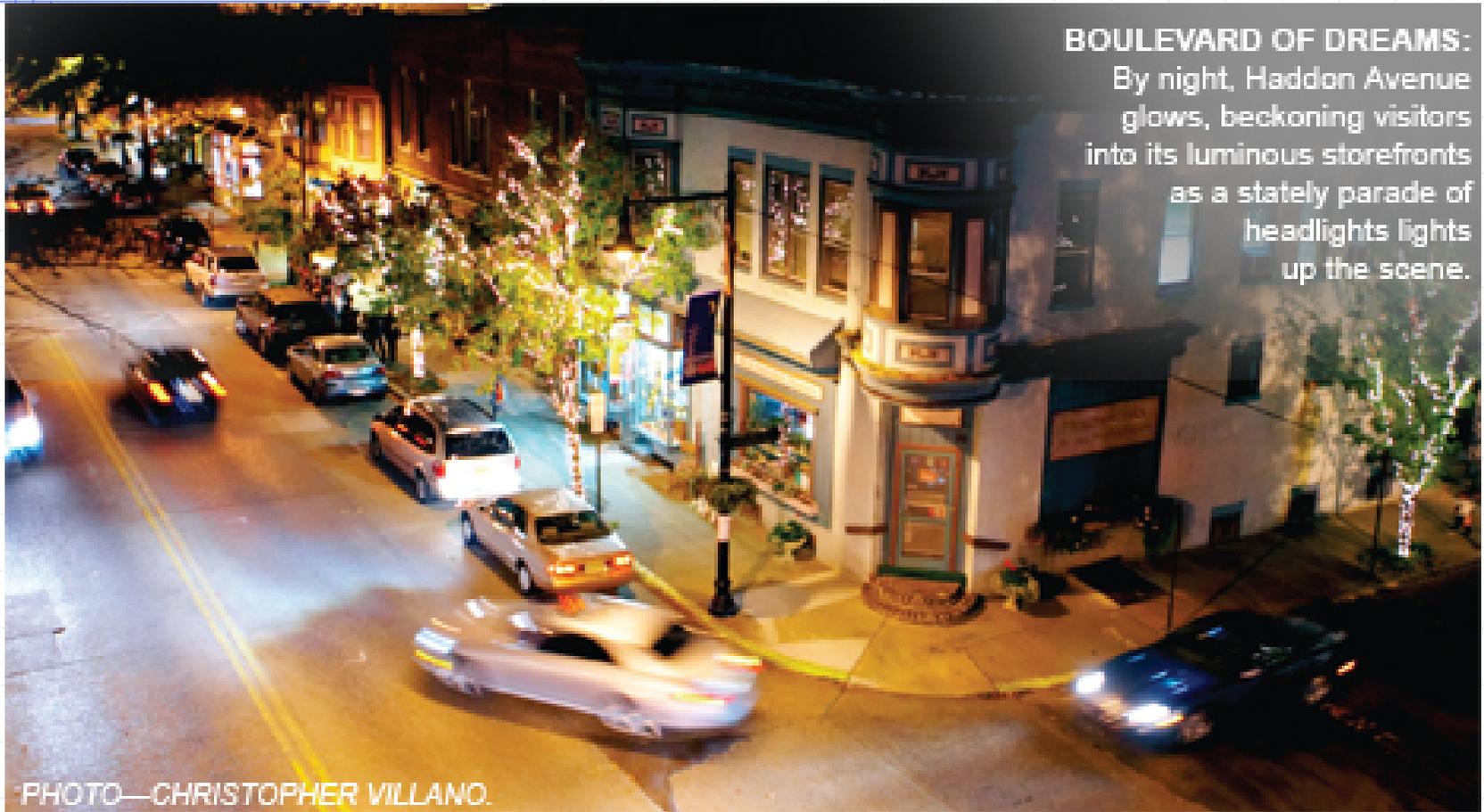


Transit Village Initiative

- ◆ NJDOT's Transit Village program promotes high-quality transit oriented development



Transit Village Initiative Collingswood



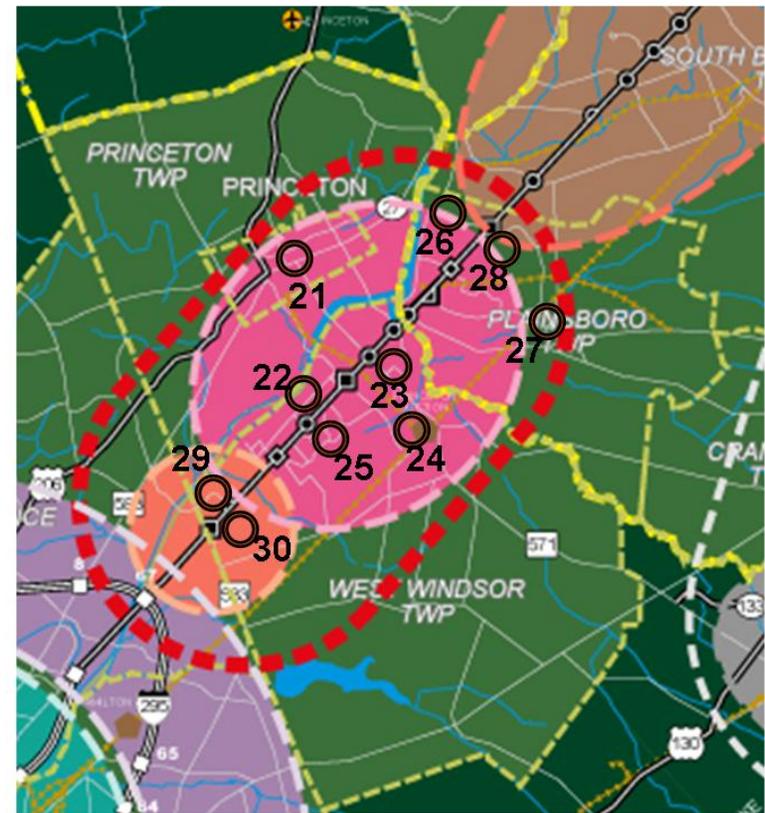
BOULEVARD OF DREAMS:
By night, Haddon Avenue
glows, beckoning visitors
into its luminous storefronts
as a stately parade of
headlights lights
up the scene.

PHOTO—CHRISTOPHER VILLANO.

Route 1 Regional Growth Strategy

- ◆ NJDOT working with many partners to promote better transportation and land use in the Route 1 corridor

Route1 Regional Growth Strategy
Proposed Centers and Nodes, Princeton Sub-Area



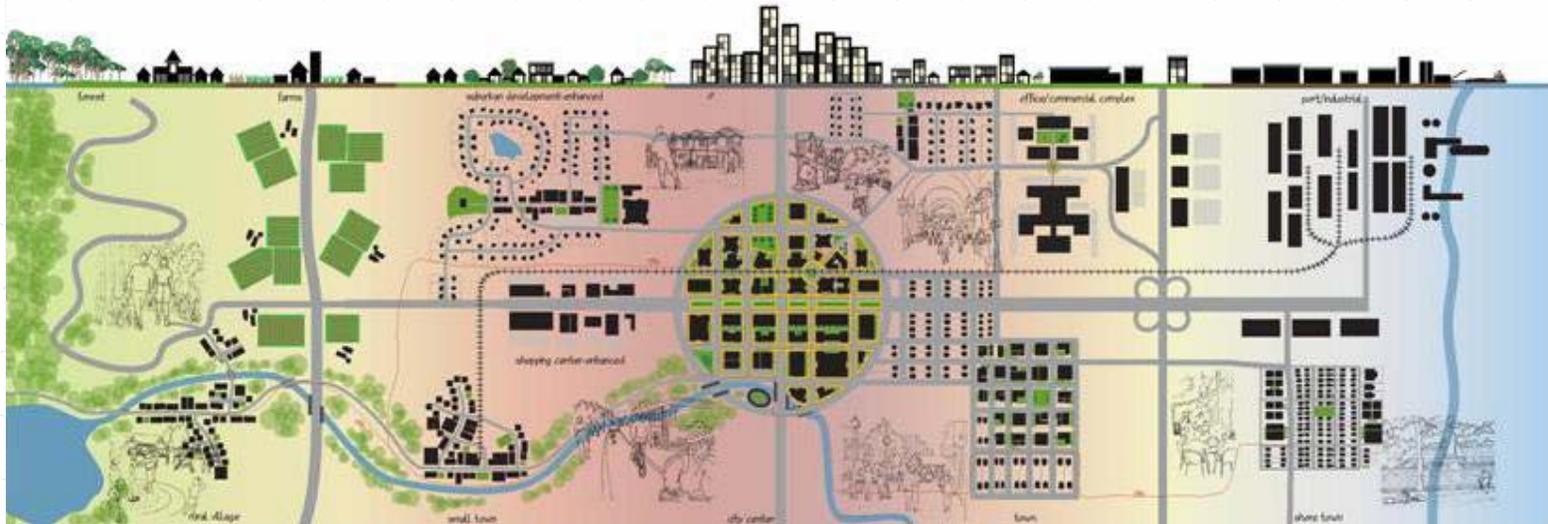
Atlantic City Transportation Master Plan



◆ NJDOT is managing a \$1 million CRDA-funded plan to accommodate the next generation of growth for Atlantic City

Mobility and Community Form Element

- ◆ NJDOT launching pilot projects to support municipal master planning that links land use and transportation

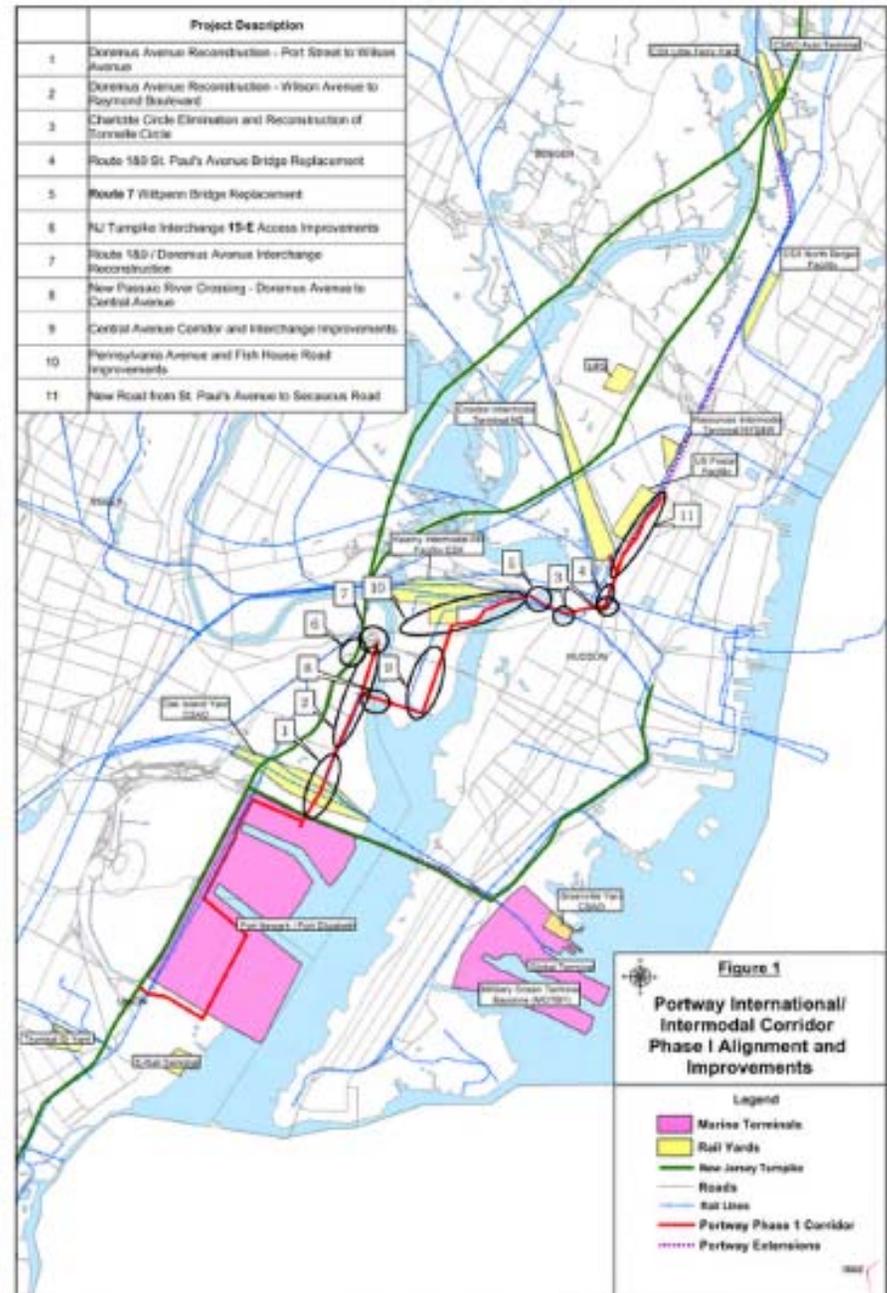


Smart Transportation Solutions Guidebook

- ◆ NJDOT is working with PennDOT and DVRPC to produce a guidebook for communities



Capital Investment in Goods Movement



IdleAire Installations: Columbia & Paulsboro, NJ

- Individually controlled, filtered heating and air conditioning
- Inside & outside 120V outlets
- Internet access
- Telephone jack with free local calls
- Long-distance phone service
- Coax TV connection & satellite access
- 24/7 on-site assistance
- First Run & Classic Movies on Demand



Thank you!

