



Building Productive Partnerships between State and City Departments of Transportation

Al Biehler
State Smart Transportation Initiative



11,000 miles of roads in
poor condition

5,500 structurally deficient
bridges

Transportation Program Reassessment

March 2004

26 Projects = \$5 Billion



/ Defer
Re-evaluate

Department Focus Areas

- ✓ Existing Infrastructure Investment
- ✓ Safety
- ✓ Linking Land Use and Transportation
- ✓ Maximizing Technology to Better Manage Transportation

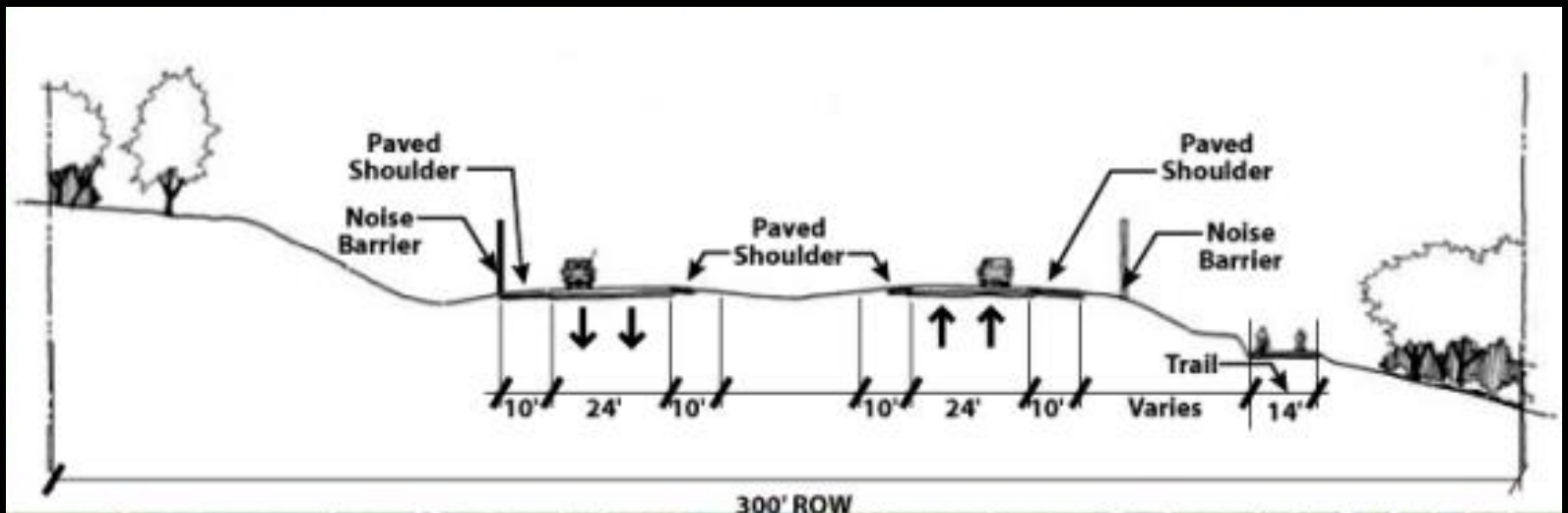
Edward G. Rendell, Governor

Smart Transportation Journey



US Route 202

- Design: 8-mile limited access expressway
- Cost: \$465 million



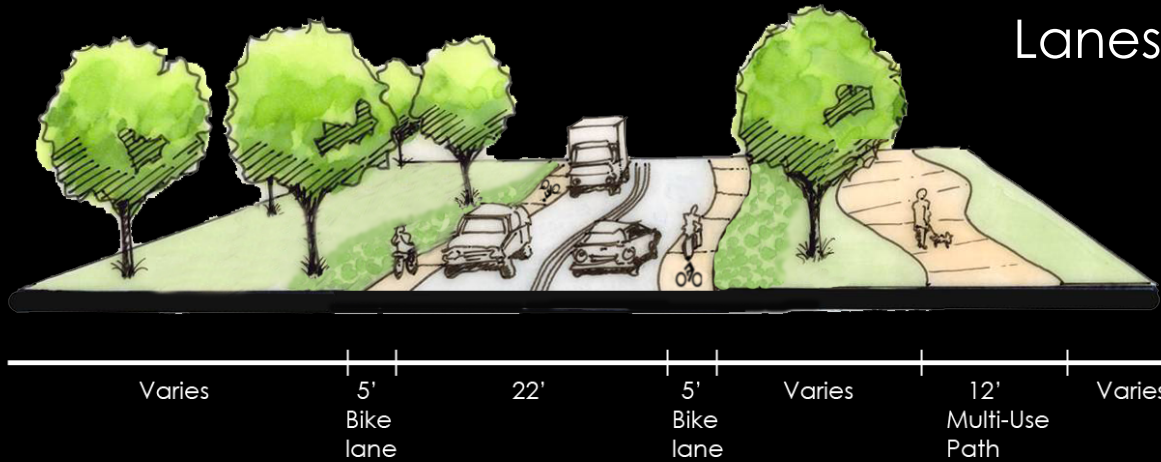
US 202 Montgomery/Bucks Counties, District 6

202 Community Task Force



Cross Sections

Two
Lanes



Four
Lanes



Route 202 Parkway

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- ✓ From redesign to construction – 3 years
- ✓ Community and stakeholder support
- ✓ Savings: \$185 Million



Smart Transportation Outreach

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- PennDOT
- USDOT
- State agencies
- Municipalities
- State and local elected officials
- Developers
- Consultants
- Planners
- Engineers
- Community leaders
- Transit agencies
- Alternative transportation advocates

Smart Transportation is:

Partnering to build great communities for
future generations of Pennsylvanians by
linking transportation investments and
land use planning and decision making.

Smart Transportation Themes

1. Money counts
2. Leverage and preserve existing investments
3. Choose projects with high value/price ratio
4. Safety always and maybe safety only
5. Look beyond level-of-service
6. Accommodate all modes of travel
7. Enhance local network
8. Build towns not sprawl
9. Understand the context; plan and design within the context
10. Develop local governments as strong land use partners

We don't understand

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SMART TRANSPORTATION GUIDEBOOK

*Planning and Designing Highways and Streets
that Support Sustainable and Livable Communities*



New Jersey Department
of Transportation



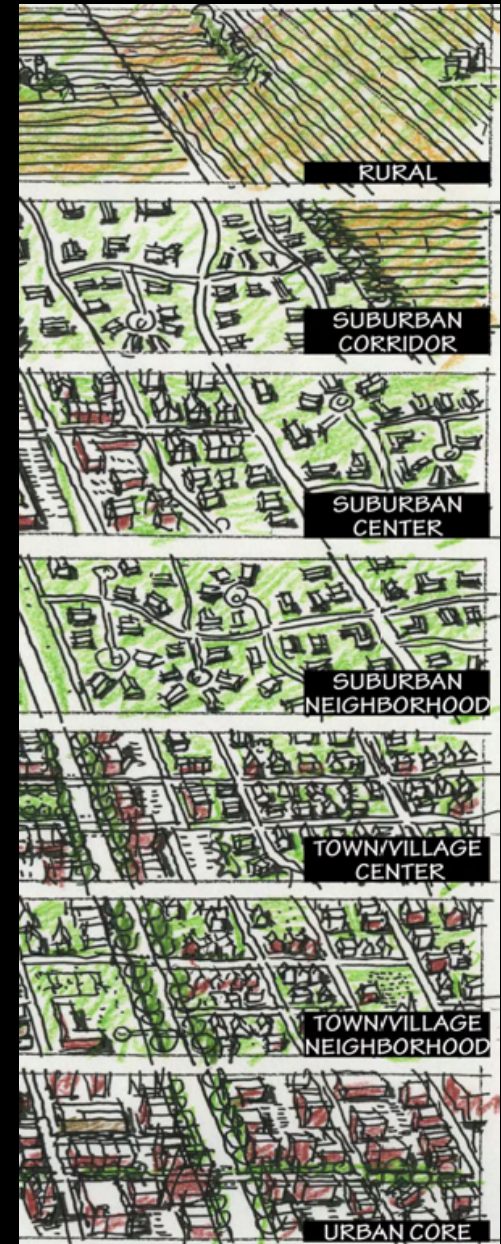
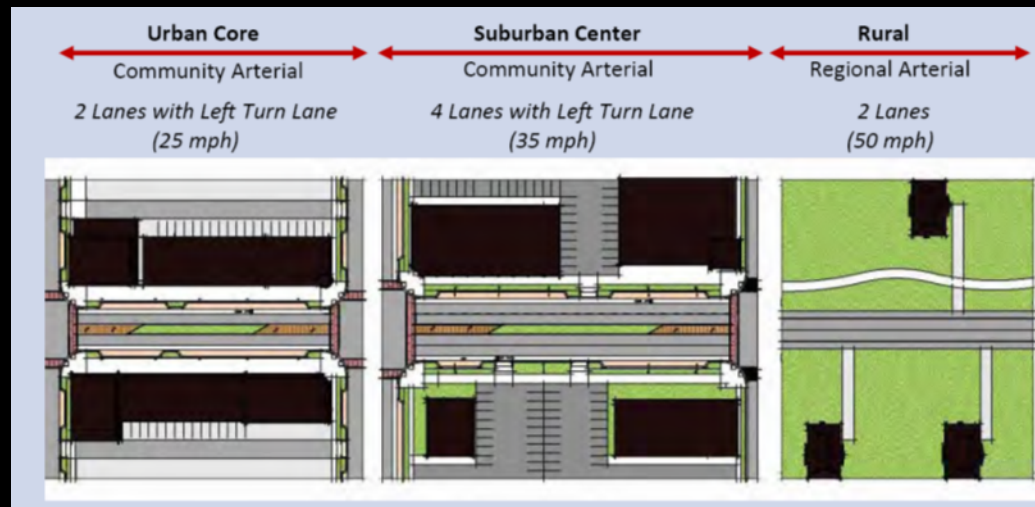
Pennsylvania Department
of Transportation

MARCH 2008

Smart Transportation Guidebook

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- Use **flexible design** on all projects
- **Increase coordination** with local municipalities
- **Link** existing and future **land use contexts** and **roadway design values**
- Design to a **desired operating speed**



Using the Guidebook

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- ✓ Know the land use context
- ✓ Know the roadway type
- ✓ Set the desired operating speed
- ✓ Refer to the Matrix for the starting design values

Pennsylvania Community Transportation Initiative

- \$60 million program
- Use Smart Transportation principles



Stated goals of applications included

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- Support local economic development.
- Encourage walkable, multimodal, mixed use development.
- Enhance the existing transportation network.
- Improve regional connectivity.
- Roadside improvements (transit and bicycle amenities, streetscape improvements, parking).
- Support transit oriented and brownfield developments.

Selection Criteria

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- Land Use Connection
- Collaboration with Stakeholders
- Build Towns not Sprawl
- Leverage Other Funding
- Consistency with Regional Plans
- Readiness
- Innovative
- Teachability



Selected PCTI Projects

Type of Project	# of Selections	% of Total Selections	Total Funding for Selected Projects	% of Total Funding
Bicycle/Pedestrian	9	18%	\$ 9,230,405	16%
Roads/Intersections/Local Network	6	12%	\$ 9,937,000	17%
Intermodal/Transit-oriented Development	13	26%	\$ 14,007,200	24%
Land Use & Transportation Planning/Redevelopment	13	26%	\$ 7,666,500	13%
Streetscape/Traffic Calming	8	16%	\$ 18,158,887	31%
Regional Planning	1	2%	\$ 285,000	0%
TOTAL	50	100%	\$ 59,284,992	100%



PCTI Round II

- \$24 million program



Multimodal Transportation Funds

Act 89 of 2013

Annual allocation: PennDOT \$40M & CFA \$58M

Project size: \$100,000 to \$3,000,000 (30% local match)

Uses:

- Projects that coordinate land use with transportation assets.
- Streetscape, lighting, sidewalk enhancement and pedestrian safety.
- Projects that improve connectivity and use of existing transportation assets.
- Projects related to transit-oriented development.

What worked

- Broad collaboration
- Setting guidelines, principles
- Really listening to each other
- Experimenting and being ready to change