Route 71 Avon by the Sea, NJ

• Context
  – Project Needs: Transportation, Community, Environmental
  – New Jersey Shore
  – .67 miles
  – $ 3 million

• Status: constructed 2003

• Main CSS Elements: Right sizing to fit roadway into Community Context
Location Map
CSS Approach

• What makes this a CSS project as opposed to the traditional format

CSS should apply to all

This one atypical:
– originated outside of our project generation system
– Conceived and designed by stakeholder, with only oversight by NJDOT
CSS Approach

- What makes this a CSS project as opposed to the traditional format?
Transportation Need

Baseball Field

Avon-by-the-Sea, NJ
Transportation Need

Tennis Courts

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AASHTO/FHWA Peer Exchange: Context Sensitive Solutions
Baltimore, MD  Sept. 6-8, 2006
Transportation Need
Transportation Need
Transportation Need
Transportation Need
Transportation Need
Transportation Need
Transportation Need
Transportation Need

QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.
Compatibility with Natural Environment

• Environmental Needs

Not applicable
Compatibility with Human Environment

- Community Needs

The primary purpose of this project was to improve pedestrian safety for the significant number of residents crossing Main Street on a daily basis.
Compatibility with Human Environment

• Community Needs

The project also sought to enhance the safety of bicycle and vehicular traffic as well as aesthetically beautify the streetscape.
Project Vision

• Project Vision including transportation, community and environmental elements

Eliminate the passing lane effect by shrinking Rt. 71 from four to two lanes
Project Vision

- Project Vision including transportation, community and environmental elements

...accommodate pedestrian safety and promote traffic calming measures ... reduce the effective pavement width of Route 71 by constructing concrete bumpouts and a center island
Project Vision

• Project Vision including transportation, community and environmental elements

Dedicated left turning lanes and a delineated bike lane enhanced the safety for bicycle and vehicular traffic.
Project Vision

• Project Vision including transportation, community and environmental elements

new paver sidewalks, street trees, decorative streetlights and street furniture
Stakeholder Involvement

- Stakeholders
  - Identification Methods
  - Noteworthy Examples
- Garnering & Incorporating their Inputs
- Consensus building approaches
- Unique Approaches
- Lessons worth Sharing
Stakeholder Involvement

- Stakeholders
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- Consensus Building Approaches

They found us!

The evolution of the final design involved numerous meetings with the NJDOT and a Main Street Advisory Committee consisting of citizens, business owners and the Mayor.
Stakeholder Involvement

- Unique Approaches
- Lessons worth Sharing

"Be persistent... and classy!"
Transportation Success

• How was the project successful in meeting transportation needs?

“...By reducing the number of travel lanes from four to two and constructing corner bump outs and center islands, the safety of school children, senior citizens and the general public crossing Main Street to use the many public facilities is vastly improved. The traffic calming features has eliminated the speedway that previously existed...”

2004 Municipal Project of the Year / Award Submission
Main Street Streetscape, Avon, NJ
Charles Rooney, Borough Engineer
Facility as a Community Asset

• Importance of Facility to Community
  – Regional
  – Local

The newly transformed Main Street has exceeded the expectations of the Borough and Business Community by creating a safe environment for pedestrians, cyclists and vehicles. The beautification of the roadway corridor will attract new businesses and truly create a “Downtown Business District”. ... Decorative paver sidewalks, street trees, ornamental lights and new street furniture have all contributed to beautifying Main Street. In total, the project has created a safe “user friendly” environment for pedestrians, cyclists and vehicles to co-exist and a setting for the business community to flourish not only for the residents of Avon but the region as well.

2004 Municipal Project of the Year / Award Submission
Main Street Streetscape, Avon, NJ
Charles Rooney, Borough Engineer
Accomplishments & Shortcomings

• Highlight the benefits and shortcomings of the using a CSS approach

A project that both DOT and the community can be proud of

Improved safety and mobility for all road users, not just the automobiles

Improved economy and quality of life
CSS Bottomline

• How were our actions different?
• How was our attitude different?
• How was our decisionmaking different?
• How did our customers respond as partners? Was there buy-in from all?
Contact Information

• For further Information please contact

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Stakeholder perspective

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