Advanced Flexibility in Design Workshop
Under the Umbrella of Context Sensitive Solutions
Session 1 – Scott Bradley, Mn/DOT Director of CSS – May 5-7, 2010

Your Destination...Our Priority

Mn/DOT's New Strategic Vision & Plan
How Does Context Sensitive Solutions (CSS) Fit In?

Supporting The Strategic Vision & Plan

A CSS approach supports:

- Building responsiveness and accountability
- Building relationships and trust with stakeholders
- Building collaborative alliances and sustainability
- Partnering to share resources, responsibilities, opportunities, risks and benefits
- Accomplishing more with less ... *balancing competing objectives while optimizing returns on investments ... requiring thoughtful application of flexibility in design*

Supporting The Strategic Vision & Plan

The CSS Flagship Initiative:

Seeks to integrate CSS in Mn/DOT as a business model to improve our processes and to balance competing objectives while enabling Mn/DOT to achieve benefits correlated to applying CSS philosophy and principles ...

Tying more key pieces together
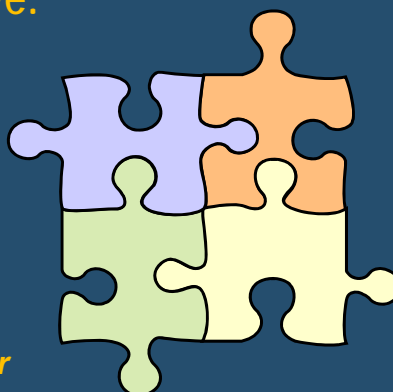
Context Sensitive Solutions
Definition by FHWA & AASHTO

CSS is a collaborative, interdisciplinary approach that involves all stakeholders in providing a transportation facility that fits its setting. It is an approach that leads to preserving and enhancing scenic, aesthetic, historic, community, and environmental resources while improving or maintaining safety, mobility & infrastructure conditions.

Context Sensitive Solutions
Philosophy and Principles applying to Programs, Services, Planning, Project Development, Construction, Operations, and Maintenance ...

Context Sensitive Solutions
The Philosophy & Strategy

- Strive towards a shared stakeholder vision to provide a basis for decisions
- Demonstrate a comprehensive understanding of contexts
- Foster continuing communication and collaboration to achieve consensus
- Exercise flexibility and creativity to shape effective transportation solutions while preserving and enhancing community and natural environments

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CSS Principles … A House of Cards

Create a lasting value for the community

Use agency resources effectively

- Maintain environmental harmony
- Address community and social issues
- Address aesthetic treatments
- Utilize a range of design choices & flexibility
- Document project decisions
- Track and meet all commitments

Use full range of communication strategies	Achieve consensus on purpose and need	Address alternatives and all modes	Achieve a safe facility for users and community

Use interdisciplinary teams	Involve stakeholders and the public	Seek to fully understand the context

CSS Benefits – Agency Emphasis
Correlated To Applying CSS Principles (NCHRP Report 642)

1. Improved predictability of project delivery
2. Improved project scoping and budgeting
3. Improved long term decisions and investments
4. Improved environmental stewardship
5. Optimized maintenance and operations
6. Increased risk management and liability protection
7. Improved stakeholder/public feedback
8. Increased stakeholder/public participation, ownership & trust
9. Decreased costs for overall project delivery
10. Decreased time for overall project delivery
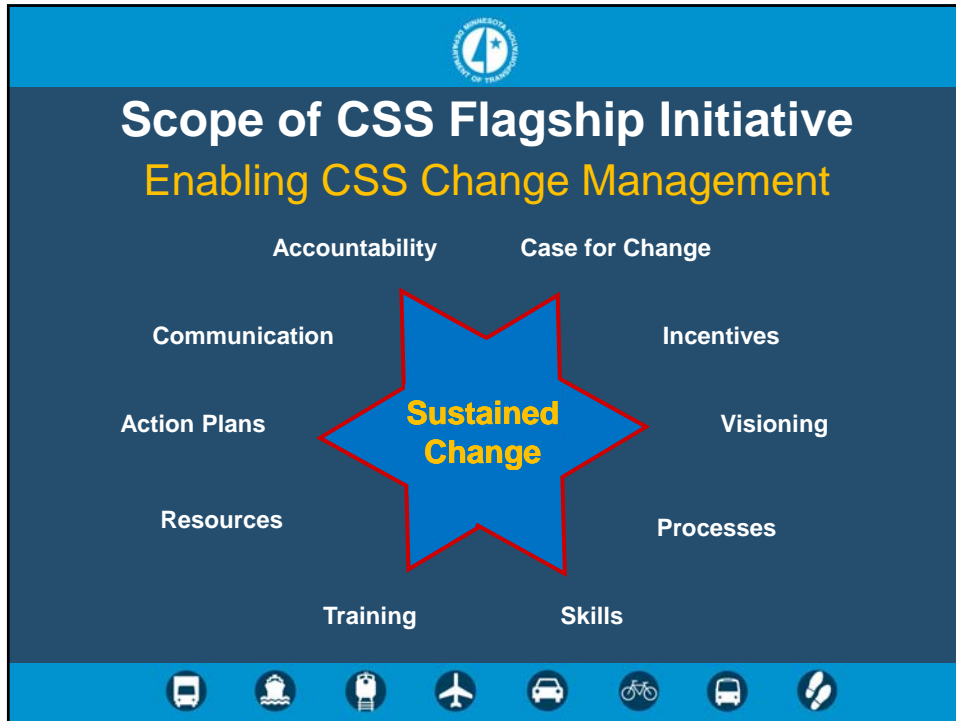11. Increased partnering opportunities

CSS Benefits – User Emphasis
Correlated To Applying CSS Principles (NCHRP Report 642)

12. Minimized impact to human and natural environment
13. Improved mobility for users
14. Improved walkability and bikeability
15. Improved safety (vehicles, pedestrians, and bikes)
16. Improved multi-modal options (including transit)
17. Improved community satisfaction
18. Improved quality of life for community
19. Improved speed management
20. Design features appropriate to context
21. Minimized construction related disruption
22. Improved opportunities for economic development

Scope of CSS Flagship Initiative
Enabling CSS Change Management

Accountability   Case for Change

Communication   Incentives

Action Plans   **Sustained Change**   Visioning

Resources   Processes

Training   Skills

CSS Flagship Initiative
FY 2010 Milestone Targets

Awareness, Knowledge & Skill Building

- Refine & deploy the new 2-day CSS Workshop (core foundations)
  (Developed and deployed March 9-10, 2010)
- Refine & deploy the new 2.5-day Advanced Flexibility in Design Workshop
  (Developed and deployed March 24-26, 2010 and May 5-7, 2010)
- Co-sponsor & co-host a 1-day CSS National Dialog
  (Planned and deployed April 22, 2010)
- Develop & deploy an on-line CSS E-learning Module (introductory overview)
  (Under development and with deployment scheduled in late June 2010)
- Plan & conduct a 1-day CSS in Construction, Operations & Maintenance Forum
  (Under development with deployment scheduled for June 29, 2010)

CSS – The Road Best Traveled
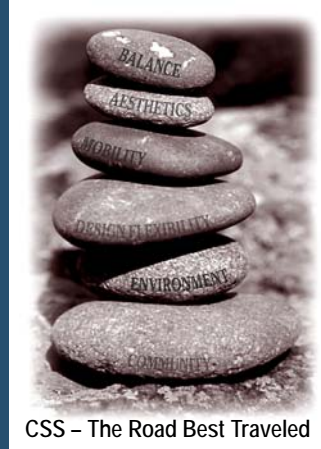
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