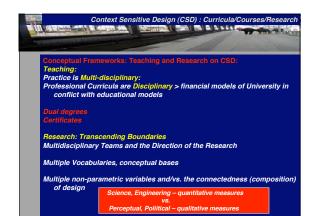
## Context Sensitive Design (CSD) : Curricula/Courses/Rese

- What is Context? Context is a human construction that incorporates scientific, social
- ontext is a human construction that incorporates scientific, social scientific, artistic, and humanistic data in both separate and aggregated/integrated formats. Intext is that combination of physical elements, ecological systems and cultural and social practices that define specificity of place, i.e., that in aggregate, establish a commonly understandable realm and in particular, its critical constituent elements. Intext includes more than the parameters of the environment currently encompassed by legislation.
- C

What are challenges to Context inherent in transportation projects? What are challenges to Context inherent in transportation projects? Disruption of continuity and integrity of physical fabric Disruption of community Disruption of sustainability of cultural and social practices Disruption of sustainability of natural systems Enhanced mobility at the cost of multimodality, access to destinations Diminished aesthetics, value



What constitutes adverse impact on context? Project scoping should involve processes to build consensus about: (1) the impacts on context to be considered, (2) the basis for analyzing them, (3) the information that will be used, and (4) the stakeholders that care.



# Context Sensitive Design (CSD) : Curricula/Courses/Research

## Curricular Opportunities/Challenges: University of Minnesola Undergraduate: Multiple degrees affected

CSD course as part of Infrastruckurs/ransportation miner for professional (and non-professional?) engineering, urban studies and design students based in course offerings at basic level of issues involved: Infrastructure systems Hydrology - Jandtorms and solis Wildlife and plant ecology - Jandscape structure, habitat Landscape architecture - site and regional design Architecture - materials, scale and proportion Historic preservation: American vernacular landscapes and architecture Planning process and land use Municipal and property law, eral estate Cultural anthropology Sociology Public health - toxins, obesity Urban affairs - public processes

Context Sensitive Design (CSD) : Curricula/Courses/Research Curricular Solutions: Graduate Dual Dearnes • Master of CE/MURP • MLAMURP

Grad/Post-grad/Professional GTS Centificate Civil Engineering · Planning/Public Policy · Supply Chain Management · CE 5211 Traffic Engineering(3 cr.)\*Stat 3021 or equivalent · °CE 3201 Intro to Transportation Engineering · PA 8202 Networks and Places: Transportation. Land Use, and Design (4 cr.)

CE 5211 Traffic Engineering(3 cr.)\*Stat 3021 or equivalent \*CE 3201 Intro to Transportation Engineering
PA 8202 Networks and Places: Transportation, Land Use, and Design (4 cr.)
OMS 6072 Managing Technologies in the Supply Chain (4 cr.)
CE 5214 Transportation Systems Analysis (3 cr.)
PA 5202/Geography 5372 American Cities II (4 cr.) \*No prerequisites
OMS 6056 Managing Supply Chain Operations (4 cr.)

Value of CSD: Design as Scoping/ Pre-emption of Mitigation = Streamlining? Studio/Workshop and Research

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 Image: Context Sensitive Design (CSD) : Context Sensitive Design