



Transportation *integrated* Storm Water Management (TriSWM)



TriSWM Overview

- Project funded by Texas Department of Transportation
- Developed by NCTCOG Department of Environment and Development
- Project oversight by NCTCOG Department of Transportation



What is TriSWM?

Transportation *integrated* Storm Water Management applies iSWM principles to the planning and design of storm water management facilities for streets and highways in the Dallas Fort Worth Metroplex



iSWM Overview

- iSWM Design Manual for Site Development was created through a multi-year project funded by 60+ local governments
- Provides comprehensive criteria to design neighborhoods, shopping centers, etc that fully incorporate and address storm water considerations
 - Improve water quality
 - Reduce streambank erosion
 - Reduce flooding risk



TriSWM Purpose

- Provide guidance to local governments and transportation agencies for managing storm water runoff
- Includes planning tools and best management practices (BMPs) to control the quality and quantity of storm water runoff from streets and highways



Why TriSWM?

- Runoff from streets and highways contain pollutants including oil, grease, metals, nutrients, and particulates
- State and federal regulations require local governments and transportation agencies to control pollution in storm water runoff
- Development of streets and highways increases the amount of runoff that can cause downstream flooding and streambank erosion



TriSWM Format

- Will be an addition (Appendix J) to the current *integrated* Storm Water Management (iSWM™) Design Manual for Site Development
- Replaces certain sections of the iSWM™ Manual for planning and design of storm water controls for streets and highways



TriSWM Benefits

- Water Quality Protection:
 - Establishes treatment requirements based on projected traffic volume and environmental factors
- Streambank Protection:
 - Determines potential impacts and establishes criteria for protection
- Flood Control:
 - Determines potential impacts and provides flood impact reduction measures



TriSWM Info

- Visit www.iswm.nctcog.org for additional information and downloads:
 - iSWM™ Design Manual for Site Development
 - Appendix J, Transportation *integrated* Storm Water Management (TriSWM)
 - TriSWM Brochure
 - Provide Comments about TriSWM document by Friday August 8, 2008



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