

Chattanooga Development Symposium
Tuesday, October 11, 2016

Name of class	Brief description of class	Presenter	Duration (min)
Development Trends in the Greater Chattanooga Area.	Development Trends in the Greater Chattanooga Area.	Nathan Walldorf , Herman Walldorf Greater Chattanooga Association of Realtors & Herman Walldorf & Co. Realtors, Inc. Jason Lehn , Certified Commercial Investment Member Institute & Herman Walldorf & Co. Commercial.	50
Emerging Positioning Technologies	Discussing the latest and greatest in positioning technologies such as: robotics, GNSS Systems, along with UAS (Unmanned Aerial Systems) drone technology, network rover systems, and much more! The new positioning technology helps streamline field to office communications. The advancements in surveying equipment can give your company the competitive advantage and accuracy it needs to excel.	Troy Deaton , Deaton's Geo-Tronics Service Inc.	50
Floodplain Management 101	What local communities need to know about floodplain management.	Gary Robkin , CFM, City of Chattanooga Floodplain Administrator	30
Hamilton County GIS: What do they do?	From street addressing to data acquisitions, the Hamilton County GIS Department plays a large role in the development process. This presentation will outline the functions of the Hamilton County GIS Department.	Kristen Johnsey , GISP - Hamilton County GIS Manager	30
Hamilton County Water Quality Program Overview	Hamilton County's water quality & land disturbance permit overview	Crystal Bishop , Hamilton County Program Manager, CMS4S, QHP, Board President of TN Stormwater Association. Barrett Fisher , Hamilton County	50

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Incentivizing A Green Water Quality Program	To comply with NPDES permit, Chattanooga passed a stormwater ordinance requiring sites over one acre to capture a calculated volume & keep onsite (Stay-on-Volume or SOV). An incentive program to increase the use of green infrastructure was created also providing options for sites with hardships. In addition to the water quality fee discount program, one of the more innovative credits is the use of water quality volume trading via Credit Coupons on the open market earned by exceeding a baseline SOV.	Joshua Rogers , City of Chattanooga Water Quality Specialist II and Stormwater Credit Program Manager	30
Landscape Program Elements	Chattanooga's landscape ordinance and code requirements, inspections, best practices and Urban forestry	Karna Levitt , PLA, ASLA, CPSWQ, Landscape Architect, City of Chattanooga - Land Development Office.	30
The New Form Based Code	Explore the relationship between the new Form Based Code and Chattanooga's Zoning Code and what it means for development in Chattanooga. Learn about the Form Based Code process, grace period and variances process.	Sarah Robbins , Chattanooga-Hamilton County Regional Planning Agency	30
Overview of Complete Streets policy and how it influences transportation requirements during the development review process.	City of Chattanooga Department of Transportation - Development criteria and complete streets update.	Brandon Sutton , City of Chattanooga Dept. of Transportation	30
Pain-free Permits: How To Obtain a Chattanooga LDP	Getting the necessary permits for your project can be a headache, but it doesn't have to be! In this session, we will show you the steps in how to make obtaining your Chattanooga Land Disturbance Permit (LDP) as pain-free as possible.	Tony Kinder , PE, RLS, CPESC, CPSWQ, Site Development Manager, City of Chattanooga - Land Development Office	30

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Panel Discussion - Low-Impact Development Design	Panelists from varying backgrounds including survey, academia, government and construction discuss a variety of scenarios and associated challenges, opportunities and construction feasibility regarding low-impact development.	Crystal Bishop , Hamilton County Program Manager, CMS4S, QHP, Board President of TN Stormwater Association. Tony Kinder , PE, RLS, CPESC, CPSWQ, Site Development Manager, City of Chattanooga - Land Development Office. Andrea Ludwig , Ph.D., Assistant Professor Biosystems Engineering and Soil Science, University of TN Knoxville. John Tyner , Ph.D., P.E., P.G., Ph.D., Associate Professor Biosystems Engineering and Soil Science, University of TN Knoxville.	50
Sanitary sewer collection conveyance and the Moccasin Bend WWTP treatment.	Sanitary sewer collection conveyance and the Moccasin Bend WWTP treatment.	Matthew L. Snyder , E.I.T., LEED AP, Project Coordinator-Biosolids, City of Chattanooga. Eric Sluder , City of Chattanooga	50
Section 26a overview: Permit TVA to help you	This presentation will provide a brief overview of the Section 26a process. TVA's goal, is to protect land, shore and aquatic resources while supporting access and using the land and water. TVA wants help spreading the message of responsible stewardship through the 26a permitting process.	RaSharon King , Tennessee Valley Authority	30
So you want a CO?	What's required to close out a City of Chattanooga Land Disturbing Permit. What to do, what not to do and what to expect. As-Built requirements, inspections and construction best practices. Lessons learned regarding EPSC & BMPs.	J. Jeremy Swilley , CPESC, CMS4S, Construction Program Supervisor, City of Chattanooga - Land Development Office	30

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TDEC updates on stormwater at development sites	An engineering perspective on post-construction runoff requirements in Phase 2 MS4 communities and an overview of recent changes to the construction stormwater general permit	Steven Turaski , MS, EI, Environmental Protection Specialist, Division of Water Resources/Statewide Stormwater Program, TN Dept of Environment & Conservation. Tyler Jeffrey , Tennessee Dept. of Environment and Conservation, Chattanooga Environmental Field Office.	50
Tennessee American Water, Infrastructure Update and Best Practices	Working with the development community to better serve TN American Water customers. Infrastructure update, testing, inspections and best practices.	Grady Stout , PE, Project Manager, Tennessee American Water Company	30
Tree Health in Existing TN and NC Bioretention Areas	Field surveys of trees in over 30 bioretention systems in Tennessee and North Carolina were conducted in summer 2015, where tree health was quantified through measurements of crown condition. Findings from these field surveys can be referenced in design to encourage the use of trees and promote of tree health in future bioretention installations.	Andrew Tirpak , Graduate Research Assistant, University of Tennessee-Knoxville.	30
Using Green Infrastructure on small sites in Chattanooga to reduce Stormwater fees and earn credits	Using Green Infrastructure on small sites in Chattanooga to reduce Stormwater fees and earn credits	Mark Heinzer , PE, CPESC, LEED AP, Engineering Manager, City of Chattanooga	30
WWTA's Role in Hamilton County Development	Status update for the Hamilton County Waste Water Treatment Authority and how it affects the development community.	Chas Webb , E.I., Hamilton County Water & Wastewater Treatment Authority	30