



# CHCRPA EXCELLENCE AWARDS

**2011**

**NAME OF WINNER:**  
**WARNER PARK/ENGEL STADIUM CSO PROJECT**

**TYPE OF AWARD:**  
**PUBLIC INFRASTRUCTURE**

**DESCRIPTION:**

The Warner Park/Engel Stadium CSO (Combined Sewer Overflow) Control Project was completed in October 2010 by the City of Chattanooga Moccasin Bend Wastewater Treatment Plant – Waste Resource Division, Chattanooga Zoo, Parks and Recreation Department, University of Tennessee at Chattanooga, Arcadis US, CTI, Lamar Dunn & Associates, and Lose & Associates. The CSO Control Project included major improvements on the Combined Sewer Overflow while coordinating with improvements to the Chattanooga Zoo, Parks & Recreation facilities, UTC recreation facilities, and Frost Stadium and Warner Park Pool. Coordination with all the previously listed departments saved time and eliminated costly cleanup costs. This impressive project was created on a budget that was much lower than initial estimates with a key focus being to reduce contamination threats. The third quarter 2009 rain event that featured record volumes resulted in “no overflows” thus illustrating measured success for the project.

- AWARD WINNING FEATURES:**
- Planning and design optimized the use of existing space and facilities to accomplish the programs goals as economically as possible.
  - A parking lot was placed on the roof of the underground detention facility to provide much needed parking for Frost Stadium, and Warner Park Pool.
  - This project provides intrinsic value by protecting the public from contaminated wastewater on both sides of the drainage area
  - The Chattanooga Zoo underwent a main expansion, a facelift and a new entrance design.

**TRANSPORTATION ASPECTS:**

- Includes enhancements for street edges and parking lots with landscaping a key part of project.
- Site is within walking distance for many residents and area employees.

**ENERGY/GREEN ASPECTS:**

- A new parking area incorporated green infrastructure elements such as rain gardens and improved LED lighting.



**LOCATION:**  
 Orchard Knob/  
 Fortwood

**ADDRESS:**  
 1254 E 3rd St

**SIZE:**  
 over 53 acres

**DEV. TYPE:**  
 Public Infrastructure



**OTHER:**

Although Warner Park has a 100 year old history with Engel Stadium (the area was once joined and known as Olympia Playfield), this modern project addresses storm water issues such as flooding and incorporates progressive water quality best management practices for the 21st century.