

# RV Dump Stations

A Citizen Funded Program

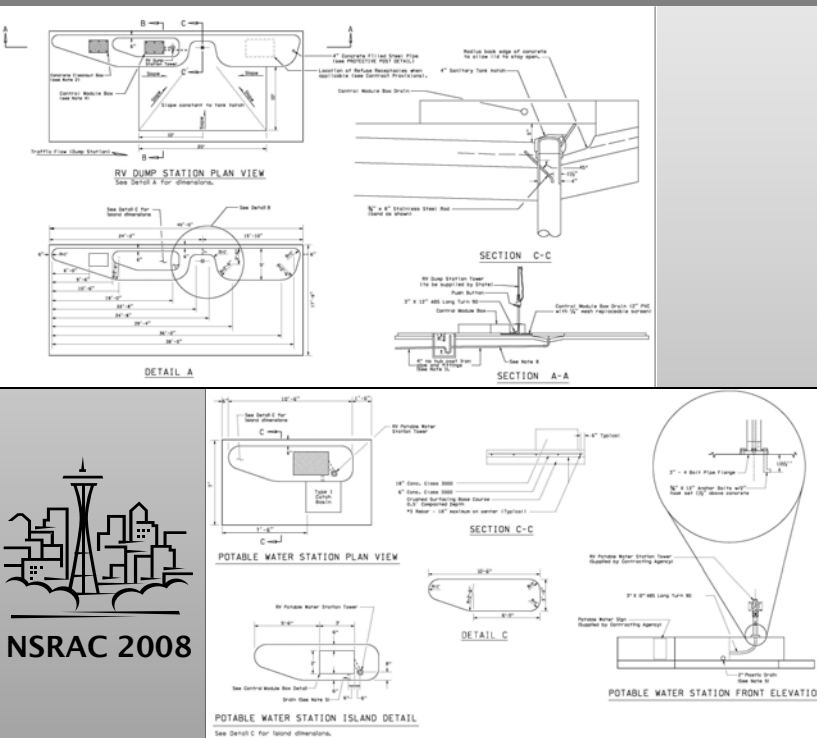


Winchester Safety Rest Area – RV Dump Station

## SUMMARY

The Washington State Legislature enacted several laws in 1980 to create the recreational vehicle (RV) Dump Program that WSDOT administers. These laws defined recreational vehicles, set up a separate funding account, and provided for an additional fee on RV licenses to pay for the program. Legislation stipulated that fees collected from RV owners (\$3.00 annually), and deposited into a dedicated RV Account, was to be used for the construction, maintenance, and operation of RV sanitary disposal systems at safety rest areas. The legislative intent of the RV Dump Program was to be self-supporting.

## Plan Sheets and Details



NSRAC 2008

## RV Dump Station Design

The current design includes a concrete structure to house and protect the electrical controls, a water tower with a spring assembly to keep the wash-down water hose from contaminating the water source, a flip-up hatch cover for the sewer drain pipe to keep rainwater from entering the sewer, a sloped apron to direct any spillage from the RV into the sewer drain, and secure access to plumbing clean-outs and electric controls.

In an effort to provide an easily repairable control module for both dinking water and RV dump stations, a standard unit was designed which could be bolted into the vault section of the concrete structure. This module controls the flow of water to the units, and includes valve solenoids to shut the water off after 40 seconds, backflow protection, integrated water line hookups, and a heating unit. In the event of a malfunction of any of the components, the unit can be swapped out with a standard replacement module with very little down time



RV Dump Station Vault



RV Dump Station Inlet



Elma Safety Rest Area – RV Dump Stations



Washington State  
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[www.wsdot.wa.gov/Safety/RestAreas/dump\\_stations](http://www.wsdot.wa.gov/Safety/RestAreas/dump_stations)