

**PROPOSED BUS SHELTER SPECIFICATIONS FOR CRA DISTRICTS**

6/27/07

**PRODUCTS**1. Product Construction

Building shall be of welded steel construction or aluminum with all intersecting welded connections ground smooth. Construction must meet Florida Building Code and withstand wind load of at least 110 MPH.

2. Finish

All interior and exterior metal surfaces shall be electrostatically painted with rust inhibitive epoxy primer and shall have a finish coat of air-dry industrial acrylic paint.

3. Windows and Glazing (Optional – RTS prefers not to have windows)

Windows to be glazed with 3/16" Herculite safety glass. Window panels to be mounted no more than 3 inches above finish grade. Front of shelter to remain open for ventilation.

4. Bench

Bench design and color to coordinate with design and color of selected shelter.

5. Electrical (Option)

All electrical work shall be in compliance with the National Electrical Code. All electrical components shall bear the UL label. Conduit shall be surface mounted to the walls and/or ceiling.

Option 1 Light to be fluorescent type, exterior grade, fixture with acrylic lens.

Option 2 Include "dusk to dawn" photocell.

Option 3 Solar panel operated LED i-Shelter luminate designed by Carmanah (1-877-722-8877) or similar as per Gainesville CRA approval. (Please refer to drawings for LED light numbers).

6. Roof

Waterproof roof to provide drip protection for shelter occupants and sloped to drain away from shelter entrance. Gutterless construction preferred for installation under deciduous trees. Roof to be installed on building with 3" nominal overhang. Roof must provide protection from sun and rain at minimum 30 degree angle from vertical.

7. Color

Shelter color to be gloss black.

8. Passenger Information Panels

Shelter must be able to accommodate information panels to display route and system level information provided by RTS.

9. Ground-Mounting System

Shelter shall be constructed with mounting hardware to allow for leveling the structure.

Attachments to be designed to allow for quick removal of structure for underground utility work.

10. Dimensions

Optimum shelter dimension is 8' x 16'. Design must be scaleable to accommodate varying area requirements.

11. ADA Access

Design to adhere to Americans With Disabilities Act (ADA) Accessibility Guidelines.

12. Exterior Signage

Design to allow for the installation of signage, such as standard 16" diameter round RTS bus stop sign.