

## **Standards and Materials Specifications for the construction of sidewalks, bench slabs and shelter pads for CATA Bus Stops**

The work covered by these specifications consists of furnishing all labor, equipment and materials to perform all operations in connection with the construction of cement pads and sidewalks. All work must meet the requirements of the America Disables Act (ADA).

All work must conform to all state and local construction regulations. The contractor will be responsible for obtaining and paying for all required permits. The contractor will be responsible for coordinating and scheduling all work with CATA Staff, Miss Dig and local jurisdictions.

The American Disables Act (ADA) requires no more than an 8% grade (1" per foot) for 20' with a minimum 5'X5' resting area with no more than a 2% grade (1/4" per foot). Bus boarding area pads require a minimum 5'X5' clear boarding area with no more than 2% grade. Bus stop bench pads must be poured with no more than 2% grade.

Construct concrete pads according to attached site plans. Site plans are not to scale and are only meant to be used as a visual guide for the construction of the concrete pad. All dimension on site plans are approximate, it is the contractors responsibility to verify all dimension. All concrete pads will be a minimum of 6" thick continuously. All concrete shall have a compressive strength of 4000 psi. Pads do not require steel reinforcement bars or mesh. Joints should be at least 1/4 of concrete thickness. Pads will be constructed to allow for affixing shelters with specially designed anchoring devices. Finish pads to a non-slip surface by tamping and screening with a broom finish. Concrete pad shall have 1/8" per foot slope to the rear of the pad. The slope must provide for water run-off. Pads to be set on level and stable soil that has been properly compacted and prepared for concrete. Concrete shall have hard, brushed, steel-trawled finish, free from defects, vandalism, graffiti and blemishes. It shall be the contractor's responsibility to repair or reroute all lawn irrigation lines in the effected area. It shall be the contractor's responsibility to backfill with screened topsoil and reseed grass to all areas affected by site construction.

Concrete shall be sawed with cuts running true to line, full depth, and in a vertical plane. Asphalt surfaces shall be sawed or neatly cut with other tools to produce a straight, unbroken edge, parallel or perpendicular to the near edge of the concrete surface. Whenever concrete or asphalt is broken within one foot of a joint, remove and replace to the joint.

The contractor will be responsible for all site inspections prior to submitting a bid. Information supplied represents pad location and to the best of CATA's knowledge of the conditions and is intended only for information and does not warrant actual conditions which might be encountered.

Work shall commence within two weeks after award of the contract and proceed in an expeditious manner until complete. Contractor shall submit a detailed construction schedule within this two week period as well.

Contractor assumes full responsibility for protection and safekeeping of materials and equipment on-site.