

**R**

**RADIAN** - The supplementary unit of plane angles with its vertex at the center of a circle that is subtended by an arc equal in length to the radius.

**RAMP LENGTH** – A Ramp connecting to an at-grade intersection, this would be measured from painted nose of gore to intersection curb line. In case of ramp connecting to another ramp or a freeway, this would be measured from painted nose of gore to painted nose of gore.\*

**REQUIRED** - The term "required" is to be used to apply to items to be constructed by the contractor for which payment will be made (e.g. - St'd. CG-6 Req'd., St'd. DI-3B Req'd., St'd. GR-8 Req'd., etc.).

**RIGHT OF WAY** - A general term denoting land, property or interest therein, usually in a strip, acquired for or devoted to transportation purposes.

**RIGID PAVEMENT** - A pavement structure having as one course a portland cement concrete slab.

**ROADBED** - The graded portion of a highway, within top and side slopes, prepared as a foundation for the pavement structure and shoulders.

**ROADWAY** - The portion of a highway, within the limits of construction, and all structures, ditches, channels, waterways, etc. necessary for the correct drainage thereof. A divided highway has two or more roadways.

**ROOTMAT** - Stumps, roots, and other perishable plant material located in the area to be graded or in areas of clearing and grubbing.

**S**

**SELECT MATERIAL** - Suitable native material obtained from roadway cuts or borrow areas or other similar material used for subbase roadbed material, shoulder surfacing, slope cover or other specific purposes.

**SHY LINE OFFSET** - A distance beyond which a roadside object will not be perceived as a threat by a driver.

**SHOULDER** - The portion of the roadway contiguous with the traveled way for accommodation of stopped vehicles for emergency use and for lateral support of base and surface courses.

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\* Rev.1/13