
324 VERTICAL CLEARANCE SIGNING

Arizona Revised Statute 28-1094 states that the maximum vehicle height shall not exceed 13'-6" without a permit. The Manual on Uniform Traffic Control Devices states that the Low Clearance Sign (W12-2) "shall be used to warn road users of clearances less than 300 mm (12 in) above the statutory maximum vehicle height." Therefore, warning signs are required for vertical clearances of 14'- 6" and less to indicate the clearance between the roadway and the structure.

The Low Clearance Sign (W12-2) shall be installed in advance of the structure. For roadways other than freeways, the sign shall be installed at the nearest intersecting road or wide point in the road at which a vehicle can detour or turn around. For freeways, the Low Clearance signs shall be installed on both sides of each approaching roadway in advance of the exit immediately preceding the structure.

A rectangular vertical clearance sign (W12-2p) shall be installed on the approach side of all overhead bridge structures having a clearance of 14'- 6" or less. These signs shall have a black legend on a reflectorized fluorescent yellow background displaying the legend "XXFT XXIN" . It should be mounted on the structure in a location that minimizes the need for a lane closure to maintain it.

The rectangular vertical clearance sign (I12-2p) shall have a white legend on a reflectorized green background displaying the legend "XXFT XXIN". It should be used for adjusted clearances above 14'- 6", but less than 16'- 0". It should be mounted on the structure in a location that minimizes the need for a lane closure to maintain it. These signs should be used to provide information to motorists and require no supplementary signing. Adjusted clearance is the clearance obtained from ADOT Bridge Group for the structure. ADOT Bridge Group incorporates an allowance for vehicle bounce in this adjusted clearance.

Allowances over the adjusted clearances can be allowed per the MUTCD, or based on the judgment of the State Traffic Engineer.

Where established vertical clearances are altered by resurfacing operations, the clearance signs shall be replaced in as timely a manner as possible to indicate the revised clearance.

This policy is to take effect immediately. Existing white on green vertical clearance signing over 16'- 0" will be removed during the course of new projects and through regular maintenance.

Vertical Clearance Signs



W12-2pAZ (Black on Yellow)



I12-2p (White on Green)



W12-2 (Black on Yellow)