



Not All DOT Traffic Signs Are Created Equal

The DOT (both Federal and State) have different requirements for the reflective grades of traffic signs. If a construction company is working on roads that are either local, state, or interstate highways, they need to meet specific signage reflective requirements. These, for example, could be a "Caution" type sign or "Lane Change" or "Men Working Ahead," anything where the motorist has to be aware of what is occurring in front of them. There are minimum sign size requirements.

Conney offers the following types (least to most expensive):

Engineer Grade Prismatic Reflective Sheeting on .080 Aluminum (also called EGP or PEG Reflective)

This material is also referred to as "Type I Reflective." Engineer Grade Prismatic reflective is used in towns where traffic is slower moving. It is also used on slower moving secondary roads, private subdivisions, and parking lots. Signs meet State and Federal DOT's "Type I Reflective" specifications. Unless otherwise specified, all of our reflective signs are made with this material.

High Intensity Prismatic Reflective Sheeting on .080 Aluminum (also called HIP Reflective)

This material meets the DOT's "Type III & IV Reflective" requirements. This material has an approximate reflectivity of 250 foot-lamberts per square inch. This material is durable and will reflect at night when light hits it. It is ten times more reflective than Engineer Grade reflective sheeting. The Type III and IV are

usually required for higher speed roads like highways. This material is durable and will reflect at night when light hits it.

Diamond Grade Prismatic Reflective Sheeting, on .080 Aluminum (also called DGP Reflective)

This material has an approximate reflectivity of 1,000 foot-lamberts per square inch. Diamond Grade is used on high speed interstate roads. Diamond Grade can be seen from one mile away at night. This material is durable and will reflect at night when light hits it. It is the brightest reflective sheeting we offer. It is more reflective than engineer grade or high intensity reflective sheeting. Signs meet most State and Federal DOT specifications.

Conney Safety offers Engineer and High Intensity Grade signs. We currently do not have any Diamond Grade offerings in our catalog, but can source it.

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