

Evaluation Table

PEP ID:	XXXXX
Manufacturer:	Name of Manufacturer
Product Name:	Name of Product

606, 607, 608 Signing

607 Breakaway Assembly (W & S Shape Post Assemblies)

ADOT Standard Specification: 607

ADOT Standard Drawing: S-3 series, S-4, S-5, S-6

Responsible Section: Traffic Group

Material Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Fabrication	607-2.02	Posts shall be fabricated from structural steel conforming to the requirements of ASTM A572, Grade 50 or ASTM A588		
Fabrication	607-2.02	Base plates for the breakaway connections and friction fuse plates and back plates for the post hinge assembly shall be fabricated from the same type structural steel selected for the sign posts.		
Plate Holes and Notches	607-2.02	All plate holes shall be drilled and all plate notches shall be saw cut, except that flame cutting will be permitted provided all edges are ground.		
Flange Holes	607-2.02	Flange holes shall be drilled or sub-punched and reamed.		
Hardware	607-2.02	Bolts, nuts and washers shall conform to the requirements of ASTM A325.		
Post and Plate Galvanization	607-2.02	Posts and plates shall be galvanized after fabrication in accordance with the requirements of ASTM A123.		
Hardware Finish	607-2.02	Bolts, nuts, and washers shall be cadmium plated in accordance with the requirements of ASTM B766, or zinc plated in accordance with the requirements of ASTM B633.		
MASH Testing	PEP Internal	Attach MASH Test Reports to the product evaluation for committee review, if available.		

Material Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
W Shape Post Details	S-4	W Shape Breakaway Post Fuse Plate and Hinge Details shall meet the requirements of ADOT Standard Drawing S-4.		
W Shape Post Details	S-5	W Shape Breakaway Post Details shall meet the requirements of ADOT Standard Drawing S-5.		
S Shape Post Details	S-6	S4 x 7.7 Post Details shall meet the requirements of ADOT Standard Drawing S-6.		