

AASHTO H-20 and HS-20 Definition:

16,000 pound load applied over a 10" X 20" area
plus 30% impact factor.

In addition to providing proper reinforcement for
H-20 WHEEL Loads per AASHTO SPECIFICATIONS,
WE optimize the design for SEVERAL critical FACTORS:
SPEED, FREQUENCY AND DURABILITY.

OCCASIONAL TRAFFIC APPLICATIONS

PRODUCT TYPE:

AHS, AHD,
THS, THD

MATERIAL:

Aluminum, Steel
or Stainless Steel

APPLICATIONS:

For use in off street locations that may occasionally receive H-20 wheel loads. Intended for use in sidewalks, grass areas and other areas in close proximity to roadways.

STANDARD FEATURES:

All Occasional Traffic Doors come equipped with a slamlock, a flush lifting handle, hold-open arm, hinges, and stainless steel hardware. Aluminum doors have a vinyl material to protect their covers during transport and installation.

OPTIONAL FEATURES:

Spring Assist, Recessed Padlock Staples, Fiberglass Insulation, Custom Lettering On Cover, Nut Rails, Safety Chains, Fall-Through Prevention Systems, And Slip Resistant Cover Surfaces.

CONTINUOUS OFFSTREET TRAFFIC APPLICATIONS

PRODUCT TYPE:

P-AHS, P-AHD

MATERIAL:

Galvanized Steel
or Stainless Steel

APPLICATIONS:

For use in locations that receive slow moving H-20 wheel loads on a regular basis and where the posted speed limit does not exceed 15 mph. Intended for use in parking lots, alleyways, and parking garages.

STANDARD FEATURES:

All parking-lot traffic doors come equipped with spring lift assist, bolted cover, a flush lifting handle, automatic hold-open arm, tamper resistant hinges with recessed lugs and stainless steel pins, frame skirt, and stainless steel hardware.

OPTIONAL FEATURES:

Enclosed Springs, Recessed Padlock Staples, Fiberglass Insulation, Custom Lettering On Cover, Nut Rails, Safety Chains, Fall-Through Prevention Systems, And Slip Resistant Cover Surfaces.

PRODUCT TYPE:
DT-AHS, DT-AHD

MATERIAL:

Galvanized Steel
or Stainless Steel

APPLICATIONS:

For use in streets with 1 lane of traffic in each direction, where the posted speed limit does not exceed 35 mph and will receive H-20 wheel loads on a regular basis. Not intended for use in roadways inside or leading into: seaport facilities, military bases, airports, landfills, freight terminals, bus terminals or any other areas where there is continuous commercial vehicle traffic.

STANDARD FEATURES:

All direct traffic doors come equipped with spring lift assist, bolted cover(s), a flush lifting handle, hold-open arm(s), tamper resistant hinges with recessed lugs and stainless steel pins, recessed padlock staple, Frame skirt, stainless steel hardware and a torque wrench.

OPTIONAL FEATURES:

Enclosed Springs, Fiberglass Insulation, Custom Lettering On Cover, Nut Rails, Safety Chains, Fall-Through Prevention Systems, And Slip Resistant Cover Surfaces.

CONTINUOUS TRAFFIC IN ANY ROADWAY

PRODUCT TYPE:

FRAMES AND
GRATES OR
HINGED COVERS

MATERIAL:

Cast Iron (Class 35)

APPLICATIONS:

For use in roadways or other areas where other products are not applicable. Suitable for continuous traffic in any roadway and for any speeds. May be used in port facilities, military bases, landfills, freight terminals, bus terminals or any other areas where there is continuous commercial vehicle traffic.

STANDARD FEATURES:

Available in a variety of standard sizes.

OPTIONAL FEATURES:

Custom lettering on the cover is available.

EXTREME LOAD CONDITIONS

PRODUCT TYPE:

ALH Single or
Double Leaf

MATERIAL:

Galvanized Steel or
Stainless Steel

APPLICATIONS:

Designed for use in areas that receive loads up to 280 P.S.I. over the entire surface of the cover. For use in taxi ways and airside at airports (not runways), marine ports and other areas of extremely heavy and severe loading conditions.

STANDARD FEATURES:

1/2-inch thick ASTM A36 structural steel diamond plate covers reinforced with ASTM A572 or A588 structural steel, 3/8-inch thick steel frames with 1/4" x 2" anchor straps welded to the frame for casting into Concrete, flush steel lifting handle(s) that does (do) not protrude above the cover, Galvanized steel automatic hold open arm(s) and door stop(s) to keep the cover(s) in their full upright and open position, Heavy-duty tamper resistant hinges with recessed stainless steel pins and lugs, stainless steel springs to assist in the opening of the door and reduce the force during closing, Hot dipped galvanized finish.

OPTIONAL FEATURES:

Frame Skirts, Custom Lettering On Cover, Fall-Through Prevention Systems, And Slip Resistant Cover Surfaces.

U.S.F. FABRICATION^{INC.}

FLOOR ACCESS DOORS, GRATING & MISC. METAL FABRICATION



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FABRICATING SOLUTIONS FOR H-20 TRAFFIC APPLICATIONS

U.S.F. FABRICATION INC.
LEADS OUR INDUSTRY BY OFFERING THE
MOST COMPREHENSIVE RANGE OF FLOOR ACCESS
DOORS FOR H-20 TRAFFIC APPLICATIONS.