

Design Guidance Memorandums (DGM's)

DeIDOT website – deldot.gov

- Publications
- Design Guidance Memorandum

DGM 1-15 Personnel Grate for Pipe Inlet

- Installed ONLY at inlet
- Pipes 12” and larger
- No length criteria
- Full daylight not visible through the pipe

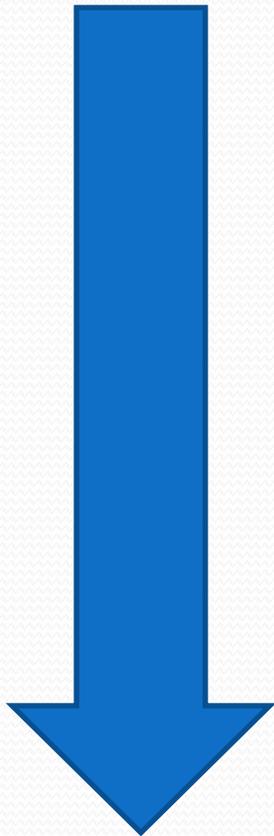
DGM 1-15 Personnel Grate for Pipe Inlet

Not installed on the outlet of a pipe

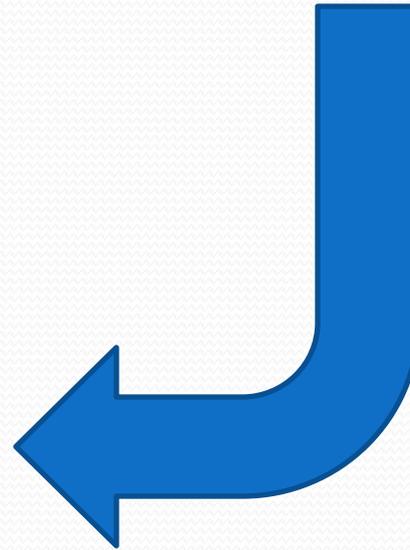


DGM 1-15 Personnel Grate for Pipe Inlet

No grate

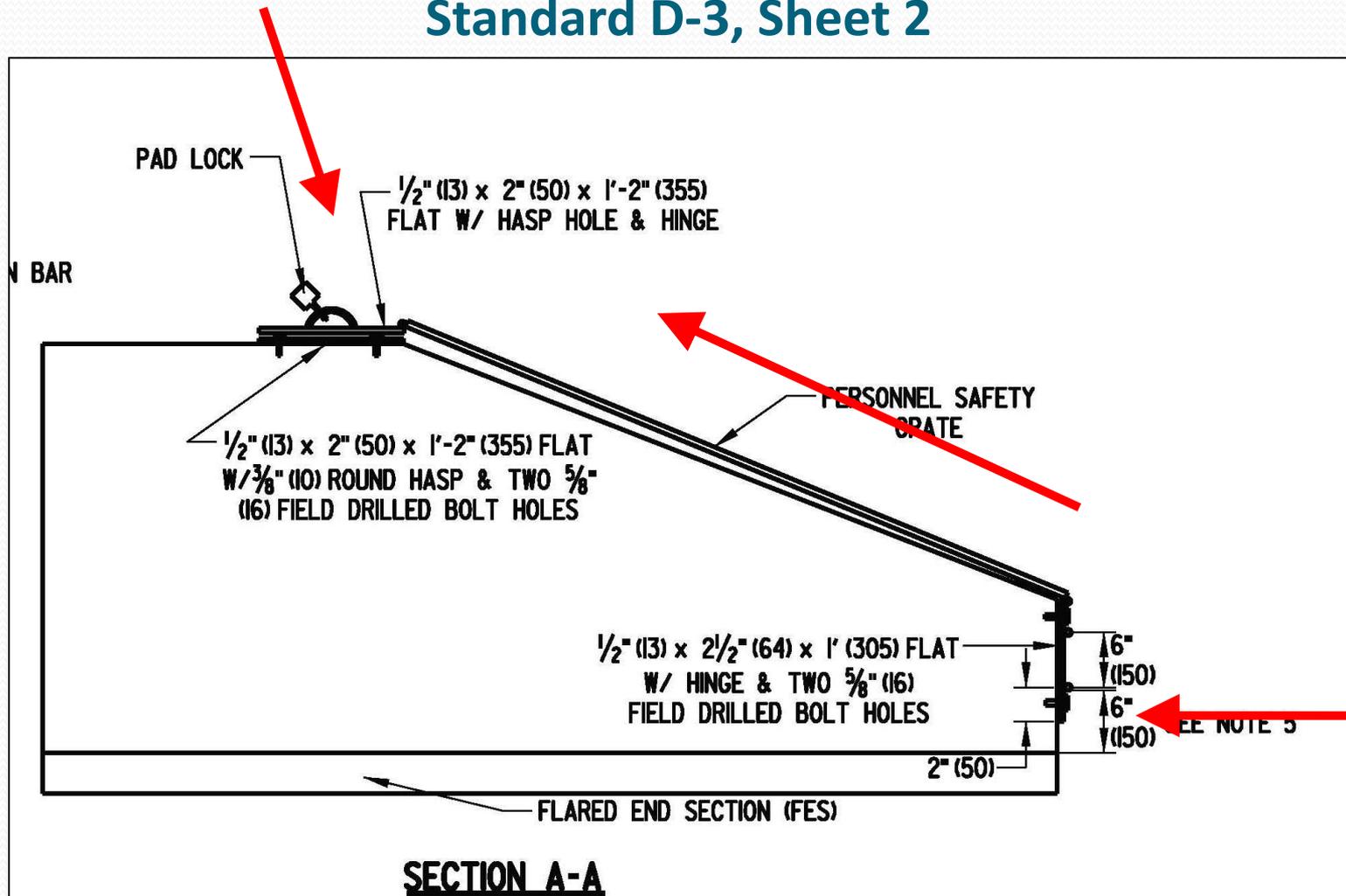


Grate



DGM 1-15 Personnel Grate for Pipe Inlet

Standard D-3, Sheet 2



DGM 1-22 Triangular Channelizing Islands

Typically, the island is offset from the traveled way the full width of the shoulder or turn lane. This offset may be reduced to only 5' for bicycles under certain conditions, or 4' with high pedestrian use to shorten the crossing time.



DGM 1-22 Triangular Channelizing Islands

The corners of islands not offset the full width of the shoulder adjacent to the roadway shall be delineated with flexible delineators



DGM 1-22 Triangular Channelizing Islands



DGM 1-22 Triangular Channelizing Islands



DGM 1-24 Road User Cost Analysis

The attachment will be updated yearly with the:

- Values of Time (VOT) for various vehicles
- Operating Costs for autos and trucks at various speeds

DGM 1-25 Safety Edge (Revised)

- A Safety Edge is a fillet (angled) of pavement installed along the edge of the road in place of a vertical drop-off
- Pavement-edge drop-off is the uneven edge or vertical drop-off between the paved travel lane/edge of roadway and the unpaved shoulder area.
- A drop-off of 2 inches or more is considered a hazard to errant vehicles, especially if the edge is at a 90° angle to the shoulder surface.

DGM 1-25 Safety Edge (Revised)

- Implement the Safety Edge during all pavement overlay operations and new pavement road construction where the road surface is not adjacent to curb or guardrail regardless of shoulder width

DGM 1-25 Safety Edge (Revised)



DGM 1-25 Safety Edge (Revised)



Linda M. Osiecki
Linda.Osiecki@state.de.us
302-760-2342
Quality Control Section