TROWELED DEPRESSION

SHOWNING TYPICAL SLAB REINFORCING

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HOOUP-TO-INOLET WITH VERTICAL PIPE SUPPORT

SIDE VIEW OF ASSEMBLED FRAME AND GRATE

EXAMPLE OF INLET ON BRIDGE DECK

SHOWING MINT TO ADJACENT

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SIDE VIEW OF ASSEMBLED FRAME AND GRATE

EXAMPLE OF INLET ON BRIDGE DECK

SHOWN WITHOUT TROWELED DEPRESSION. WITH TROWELED DEPRESSION SIMULATED.

WELDED BRIDGE DRAIN NOTES.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.

Galvanize all steel components in accordance with Item 485 "Galvanizing" unless otherwise noted. Round or chamfer exposed edges of Grate and frame to approximately 3° minimum drafts. Provide 1/2" Dia x 4 1/2" wide head bolt and one hex nut, one plain washer, and one lock washer, each. Place lock washer under hex head bolt for clear drain as shown. Additional slab reinforcing is considered subsidiary to the slab reinforcement shown. Place slab reinforcing bars to clear drain as shown. Bend slab reinforcing bars to clear drain by 1". When bending is not possible reinforcing bars may be stopped or cut to clear drain as shown. Provide 3° minimum drafts.