GENERAL NOTES
ALL PIPE POSTS SHALL HAVE OPEN BOTTOMS.
ALL OTHER EXPOSED ENDS SHALL BE CAPPED AND SEALED TO PREVENT WATER FROM ENTERING.
ALL STEEL BRACKETS SHALL BE ASTM A36.
ALL UNITS SHALL BE SHOP FABRICATED.

Both posts shall be placed in concrete in accordance with the detailed plans.
All metal shall be cleaned by sandblasting to a SSPC-10, Commercial Blast Finish.
All metal shall be painted with a zinc rich primer and one coat of epoxy finish paint. A second primer coat shall be field applied after installation.

Gate lock can be master keyed and shall have the following minimum dimensions:

Hinge bolt threads shall be peined or spot welded in place to prevent removal.
Hole in hinge brackets shall be large enough so that 1" OD pipe collar just slides through opening.

All bolts, washers and nuts shall be ASTM A325.

SINGE GATE

<table>
<thead>
<tr>
<th>CLEAR WIDTH</th>
<th>DUAL OPENING GATE</th>
<th>OVERALL GATE LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>12'-0&quot;</td>
<td>14'-0&quot;</td>
<td>16'-0&quot;</td>
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</tbody>
</table>

If clear width greater than 18'-0" use dual opening gates.

DUAL OPENING GATES

<table>
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<tr>
<th>CLEAR WIDTH</th>
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<td>14'-0&quot;</td>
<td>16'-0&quot;</td>
<td>18'-0&quot;</td>
</tr>
</tbody>
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DESIGN NOTE:
Gate size shall be specified as the clear width of opening.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PIPE GATE DETAILS

APPROVED
Jul 1994
S.D.D. 15 b 12-b
References:
NONE

Bid items associated with this drawing:

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<th>DESCRIPTION</th>
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Standardized Special Provisions associated with this drawing:

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Other SDDs associated with this drawing:
NONE

Design Notes:
NONE

Contact Person:
Andrew Heidtke (414) 220-6802