### Table I - 6 In. x 2 In. Corrugations: Round Steel Pipe

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Min. Cover</th>
<th>Max. Height of Cover H (ft.)</th>
<th>Min. Wall Thickness</th>
<th>Max. Wall Thickness</th>
<th>Corner Radii</th>
<th>Min. Cover</th>
<th>Max. H</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 6</td>
<td>15</td>
<td>30</td>
<td>3/8</td>
<td>3/8</td>
<td>5/32</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>6 x 6</td>
<td>15</td>
<td>30</td>
<td>3/8</td>
<td>3/8</td>
<td>5/32</td>
<td>30</td>
<td>30</td>
</tr>
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<td>30</td>
<td>3/8</td>
<td>3/8</td>
<td>5/32</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

### Table II - 6 In. x 2 In. Corrugations: Steel Pipe-Arch

- Pipe-Arch is permitted for use where minimum cover requirements for round pipe cannot be met. Use round pipe when H exceeds 15 ft.

### Table III - 9 In. x 2 1/2 In. Corrugations: Aluminum Pipe-Arch

- Pipe-Arch with equal properties are used to span and pipe connections. For connection details, refer to the manufacturer's instructions. Use round pipe when H exceeds 15 ft.

### General Notes

1. Pipe or pipe-Arch with edge cut to fit a slope are subject to deformation, which may affect the structural integrity. Refer to the manufacturer's instructions.

2. Where multiple pipes are used, they shall be spaced so that adjacent sides of the pipe shall be at least one pipe diameter apart to permit proper drainage. Where possible, this shall be at least 1 ft.

3. Minimum cover for structural plate pipe or pipe-Arch is measured from the top of the pipe. The bottom of the pipe shall be at least 1 ft. above the ground surface. Cover shall be increased to protect the structure from damage. The cover during construction shall be at least 1 ft.

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**Structural Plate Pipe H-20 Loading**

- Pipe-Arch with equal properties are used to span and pipe connections. For connection details, refer to the manufacturer's instructions. Use round pipe when H exceeds 15 ft.

**Standard Plan No. M-510-1**

- Issued by Project Development Branch, July 4, 2023

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- **Ref.:** LTA

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**Sheet Revisions**

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**Project Development Branch**

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