

TO:  <b>Director,</b> Preliminary Plan Review Bureau	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special	Code: <u>EI 78-49</u>
APPROVED:  <i>James J. Murphy</i> <u>James J. Murphy, Director, Materials Bureau</u>	Date: <u>8/18/78</u>  Supersedes:
SUBJECT: PROPER INSTALLATION OF REINFORCED CONCRETE PIPE  Subject Code: 7.42	

When concrete pipe sections are supplied with lifting holes, they must be installed with the lifting hole up (12 o'clock) even if the lifting hole is not used in the installation. This is critical because there are pipe sections that contain steel designs with elliptical cages, combinations of round cages and elliptical cages or quadrant mats. If these sections are not installed with the reinforcement properly oriented they will fail.

There also could be pipe sections that have "Top" marked on them. Obviously, it is vital that these too, be installed correctly.

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