

Proposed Revision To: <input checked="" type="checkbox"/> x Standard Specifications For Public Works Construction <input type="checkbox"/> Standard Plans For Public Works Construction	Change No. 332 UM (ASSIGNED BY GREENBOOK COMMITTEE)
Public Works Standards, Inc. c/o Associated General Contractors of California Los Angeles District Office 1906 West Garvey Avenue, Suite No. 100 West Covina, California 91760	Date Proposal Received 3/13/2023 (ASSIGNED BY GREENBOOK COMMITTEE)
Subsection or Standard Plan to be revised: 216-7	On page(s):
<p>Warning: Public Contract Code §3400 prohibits any local agency specification that limits bidding, directly or indirectly, to any one specific concern or product. If this revision describes a proprietary or patented product, it must identify other products which equally perform the functions of the proprietary or patented product.</p>	
<p>Revision:</p> <p>216-7 CAUSES FOR REJECTION. Inspection of PRCB as may be deemed necessary by the Engineer will be made at the place of manufacture. Individual PRCB sections may be rejected due to any of the following unless repairs are made and approved by the Engineer:</p> <ol style="list-style-type: none"> Fractures or cracks with widths exceeding 0.10 inch (3 mm). Mixing and molding defects, honeycombed or open texture that would adversely affect the function of the PRCB section, Failure to meet the permissible variations specified in 216-5. Exposure of any reinforcement arising from misplacement thereof. <p style="background-color: yellow;">Inspection of RCB as may be deemed necessary by the Engineer will be made after delivery to the site. Individual PRCB sections may be rejected or repaired in accordance with AASHTO R-73.</p>	
<p>Reason For Revision:</p> <p>Precast reinforced box (PCRB) causes for rejection may be due to reasons listed ‘a through d’ however there is no guidance for the level of acceptable defects, or to what extend is repairable. This subjectivity between the Engineer (inspector) or Contractors could be alleviated with reference to AASHTO R-73, which was similarly referenced in the 2018 Greenbook Edition for Reinforced Concrete Pipe. AASHTO R-73 (Standard Practice for Evaluation of Precast Concrete Drainage Products) provides guidance to what is acceptable, repairable, and rejected with photograph examples for each.</p>	
<p>Submitted By: <u>Gean Na</u> Phone No: (714) 932-1663</p> <p>Agency: American Concrete Pipe Association of California</p> <p>Address: _____</p>	
<p>Instructions: Use a separate form for each revision. Attach plain paper if more space is needed. For minor changes, copy present wording striking out words to be deleted and <u>underlining</u> new text. For major changes, rewrite or add paragraph or sections. All proposed revisions must include the reason(s) for the revision.</p>	
<p>Subcommittee Action: On <u>05/13/2025</u> (Date)</p> <p><input checked="" type="checkbox"/> Recommended For <u>2025 Supplement</u> Edition <input type="checkbox"/> Rejected <input type="checkbox"/> As Modified</p>	<p>Editorial Standards Subcommittee Review: On <u>9/11/2025</u> (Date)</p> <p><input checked="" type="checkbox"/> Reviewed For Surf/Und/Spec/Plans Subcommittee <input checked="" type="checkbox"/> NO Modifications <input type="checkbox"/> As Modified</p>
<p>Greenbook Committee Action:</p> <p>On <u>10/16/25</u> <input checked="" type="checkbox"/> Approved For <u>2025 Supplement</u> Supplement/Edition <input type="checkbox"/> As Modified (Date) <input type="checkbox"/> Rejected <u>2nd Printing</u></p>	

Change No. 332 UM {August 15, 2023 approved by UMM}

216-7 CAUSES FOR REJECTION. Inspection of PRCB as may be deemed necessary by the Engineer will be made at the place of manufacture. Individual PRCB sections may be rejected due to any of the following unless repairs are made and approved by the Engineer:

- a) Fractures or cracks with widths exceeding 0.10 inch (3 mm).
- b) Mixing and molding defects, honeycombed or open texture that would adversely affect the function of the PRCB section,
- c) Failure to meet the permissible variations specified in 216-5.
- d) Exposure of any reinforcement arising from misplacement thereof.

Site inspection of PRCB for storm drains prior to installation will be evaluated as described in AASHTO R-73 for cracks, manufacturing defects, and damaged ends.

Formatted: Highlight

306-10 PRECAST REINFORCED CONCRETE STRUCTURES

306-10.1 Precast Reinforced Concrete Box (PRCB).

306-10.1.1 General. These specifications cover the construction of single-cell PRCB sections intended to be used for the conveyance of stormwater. PRCB sections shall conform to 216.

306-10.1.2 Repairs. PRCB sections damaged due to imperfections in fabrication or handling shall be repaired **conforming to 216-7, in accordance with the manufacturers' recommendations, or** by a method approved by the Engineer.

306-10.1.3 Subgrade. Unsuitable subgrade material shall be removed to the depth shown on the Plans or determined by the Engineer and replaced with leveling bed material. Voids below subgrade shall be filled with leveling bed material prior to densification. Subgrade material shall be compacted to a minimum of 90 percent relative compaction.

306-10.1.4 Leveling Bed Material. Leveling bed material shall conform to 216-2.4 and be compacted to a minimum of 90 percent relative compaction.