

CEMP-ET

DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
Washington, D.C. 20314-1000

ETL 1110-3-475

Technical Letter
No. 1110-3-475

10 October 1995

Engineering and Design
ROLLER COMPACTED CONCRETE PAVEMENT
DESIGN AND CONSTRUCTION

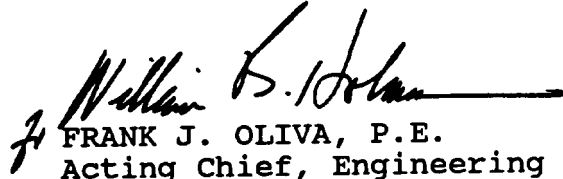
1. Purpose. This letter provides guidance for design and construction of roller compacted concrete (RCC) pavements for the U.S. Army and Air Force. The guidance provided is pertinent for road, street, and open storage area pavements.
2. Applicability. This letter is applicable to all HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities (FOA) having Army and Air Force military construction design responsibility.
3. References.
 - a. TM 5-822-5/AFM 88-7, Chap. 1, Pavement Design for Roads, Streets, Walks, and Open Storage Areas.
 - b. TM 5-822-7/AFM 88-6, Chap. 8, Standard Practice for Concrete Pavements.
 - c. TM 5-825-3/AFM 88-6, Chap. 3, Rigid pavements for Airfields.
4. Background. Research conducted at the U.S. Army Engineer Waterways Experiment Station (WES) has shown that RCC pavement can provide an acceptable pavement for heavy, low-speed traffic applications. RCC pavement has shown its viability and cost effectiveness through over 20 years of successful military and commercial applications. To ensure that RCC pavements are properly built, the criteria provided in Appendix A to this ETL is to be used for design and construction.
5. Action to be Taken. The guidance in Appendix A to this ETL should be used by the Army and Air Force for design and construction of RCC road, street, and open storage area pavements.

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6. Implementation. This letter will have routine application as defined in paragraph 6c, ER 1110-345-100.

FOR THE DIRECTOR OF MILITARY PROGRAMS:

1 Appendix
APP A - Roller Compacted
Concrete Pavement Design
and Construction


FRANK J. OLIVA, P.E.
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