

Errata Sheet

No 1

ENGINEERING AND DESIGN

Layout and Design of Shallow-Draft Waterways

EM 1110-2-1611

Change 3

31 July 1997

Signature page: Paragraph 1, change date from 10 Feb 97 to 31 Dec 80

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

EM 1110-2-1611
Change 3

CECW-ED

Manual
No. 1110-2-1611

31 July 1997

Engineering and Design
LAYOUT AND DESIGN OF SHALLOW-DRAFT WATERWAYS

1. This Change 3 to EM-1110-2-1611, 10 Feb 97:
 - a. Updates Chapter 7, Section 5, to provide detailed guidance on the design of stone spur dikes and additional information on other types of river training structures.
 - b. Updates Chapter 15 to provide guidance on conducting numerical model studies.
 - c. Updates the Table of Contents to reflect the changes in Chapters 7 and 15.
2. Substitute the attached pages as shown below:

<u>Chapter</u>	<u>Remove page</u>	<u>Insert page</u>
Table of Contents	iii thru vii	iii through vi
7	7-3 thru 7-6	7-3 through 7-17
15	15-1 thru 15-4	15-1 through 15-9
Appendix A	A-1	A-1 through A-2

3. File this change sheet in front of the publication for reference purposes.

FOR THE COMMANDER:



OTIS WILLIAMS
Colonel, Corps of Engineers
Chief of Staff

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

EM 1110-2-1611
Change 2

DAEN-CWE-HD

Engineer Manual
No. 1110-2-1611

29 October 1982

Engineering and Design
LAYOUT AND DESIGN OF SHALLOW-DRAFT WATERWAYS

1. A correction of the quotation from Section 5 of the 1915 Rivers and Harbors Act is indicated with an asterisk at the beginning and end of each change.
2. Substitute the attached pages as shown below:

Remove old pages

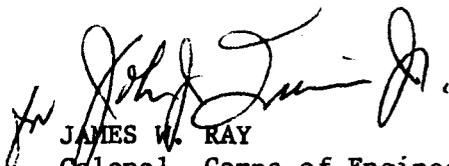
4-1 and 4-2

Insert new pages

4-1 and 4-2

3. File this change sheet in front of the publication for reference purposes.

FOR THE COMMANDER:


JAMES W. RAY
Colonel, Corps of Engineers
Chief of Staff

DEPARTMENT OF THE ARMY
US Army Corps of Engineers
Washington, D. C. 20314

EM 1110-2-1611
Change 1

DARN-CWE-HD

Engineer Manual
No. 1110-2-1611

15 March 1982

Engineering and Design
LAYOUT AND DESIGN OF SHALLOW-DRAFT WATERWAYS

1. Chapter four of this manual required several additions and revisions and are so indicated with an asterisk at the beginning and end of each change.
2. Substitute the attached pages as shown below:

Remove old pages

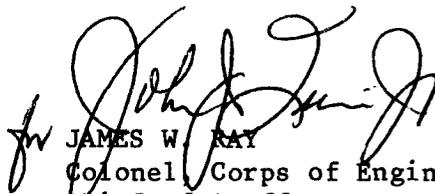
i and ii
4-1 thru 4-15

Insert new pages

i and ii
4-1 thru 4-17

3. File this change sheet in front of the publication for reference purposes.

FOR THE COMMANDER:


JAMES W. RAY
Colonel, Corps of Engineers
Chief of Staff