



US ARMY Corps
Of Engineers®
Little Rock District

JOINT PUBLIC NOTICE

CORPS OF ENGINEERS – STATES OF ARKANSAS AND MISSOURI

Application Number: 1988-09046-GU

Date: September 10, 2014

Comments Due: October 6, 2014

CONSIDERATION OF REISSUANCE OF A REGIONAL GENERAL PERMIT

for the placement of dredged and fill material in waters of the United States associated with US Army Corps of Engineers work on the McClellan-Kerr Arkansas River Navigation System in Arkansas and on US Army Corps of Engineers Lakes within the Little Rock District.

TO WHOM IT MAY CONCERN: **Comments are invited on the renewal of the regional general permit described below. Please see the Public Involvement section for details on submitting comments.**

Point of Contact. If additional information is desired, please contact the project manager, Christopher Davies, telephone number: (501) 324-5295, mailing address: Little Rock District Corps of Engineers, Regulatory Division, PO Box 867, Little Rock, Arkansas 72203-0867, email address: Christopher.G.Davies@usace.army.mil.

Background. On January 21, 2010, the Little Rock District Corps of Engineers issued a regional general permit for the repair of levees, creation of dredged material disposal areas, fill of scour holes, and the construction, modification, or maintenance of dikes and revetments. The authority for permit issuance is found in Section 404 of the Clean Water Act (33 U.S. Code 1344). Corps districts are authorized to develop regional general permits in accordance with Title 33, Code of Federal Regulations Parts 325.2(e)(2) and 325.5(c)(1).

Proposed Reissuance. This regional general permit has proven to be successful in authorizing a minor, noncontroversial category of work that has had no significant individual nor cumulative adverse environmental impacts, and we propose to reissue the regional general permit an additional five (5) years. Six projects have been approved under this regional general permit since January 21, 2010.

Copies of the regional general permit and procedures for verifying authorization are enclosed. The documents attached are as presently administered with minor revisions to update the documents.

Notification/Verification Requirement. The Little Rock District Regulatory Division must be notified and provide verification that the proposed work meets the terms and conditions of the general permit. The notification/verification details are outlined in the Procedures for Verifying Authorization attached to the regional general permit.

Water Quality Certification. By copy of this public notice, water quality certification is being requested from the Arkansas Department of Environmental Quality and Missouri Department of Natural Resources in accordance with Section 401(a)(1) of the Clean Water Act. Upon

completion of the comment period, a determination relative to water quality certification will be made.

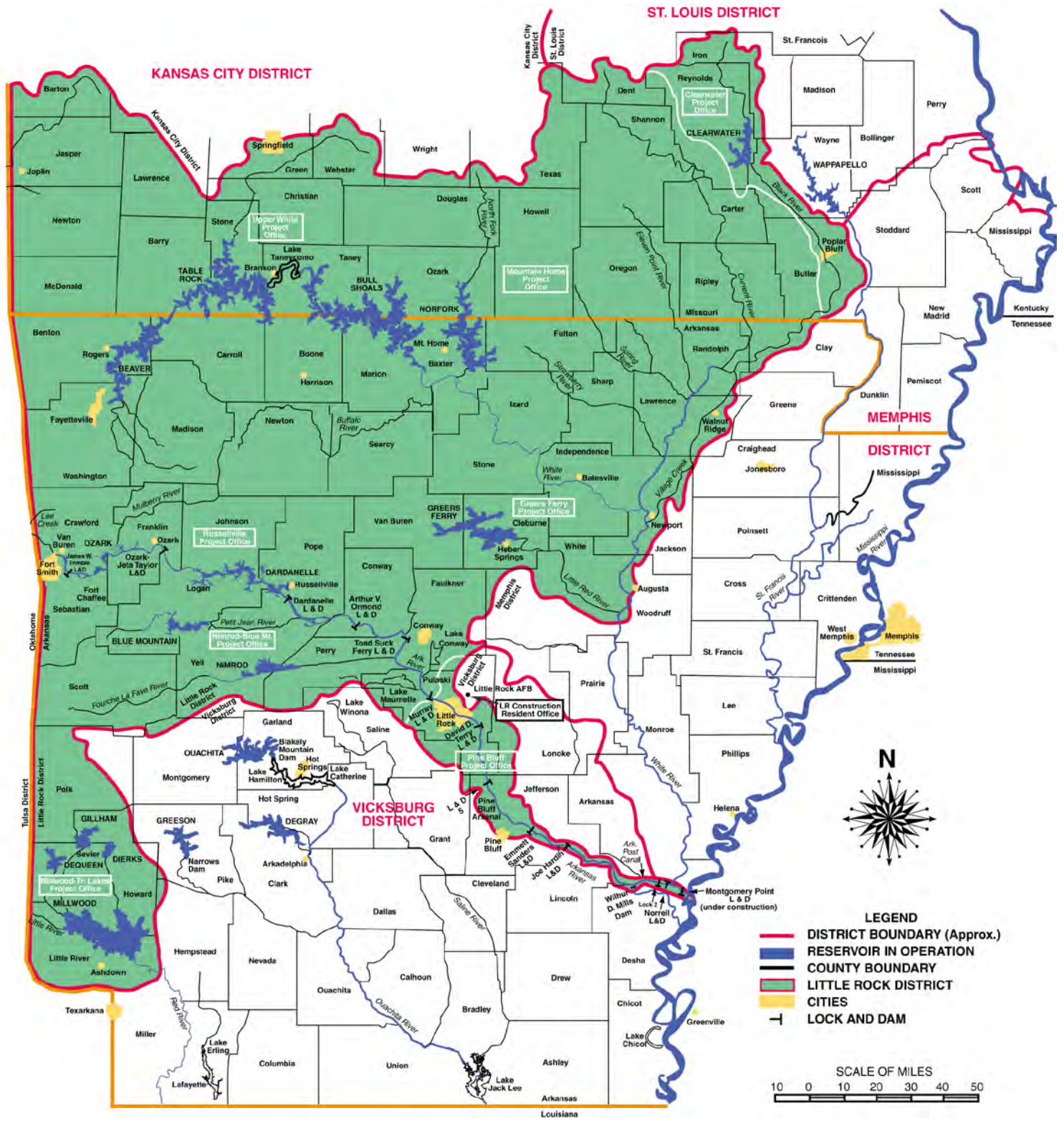
Public Involvement. Any interested party is invited to submit to the above-listed POC written comments, objections or suggestions related to this proposed reissuance on or before **October 6, 2014**. Comments, both favorable and unfavorable, will be accepted and made a part of this record and will receive full consideration in determining whether it would be in the public interest to reissue the regional general permit.

Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider the proposed regional general permit. Such requests shall state, with particularity, the reasons for holding a public hearing. The District Engineer will determine if the issues raised are substantial and whether a hearing is needed for making a decision.

Additional Information. Additional information about the proposed reissuance of the regional general permit may be obtained by writing Christopher Davies, at the address or email listed above, or by calling (501) 324-5296.

NOTE: The mailing list for this Public Notice is arranged by state and county(s) where the project is located, and also includes any addressees who have asked to receive copies of all public notices. Please discard notices that are not of interest to you. If you have no need for any of these notices, please advise us so that your name can be removed from the mailing list.

Enclosures



Points of Contact
U. S. ARMY CORPS OF ENGINEERS
Regulatory Activities – Little Rock District & Adjacent Districts

Little Rock District
 ATTN: CESWL-RD
 700 West Capitol Ave.
 Little Rock, AR 72201-3221
 (501) 324-5295

Memphis District
 ATTN: CEMVM-OD-R
 167 N. Main Street
 Room B-202
 Memphis, TN 38103-1894
 (901) 544-3471

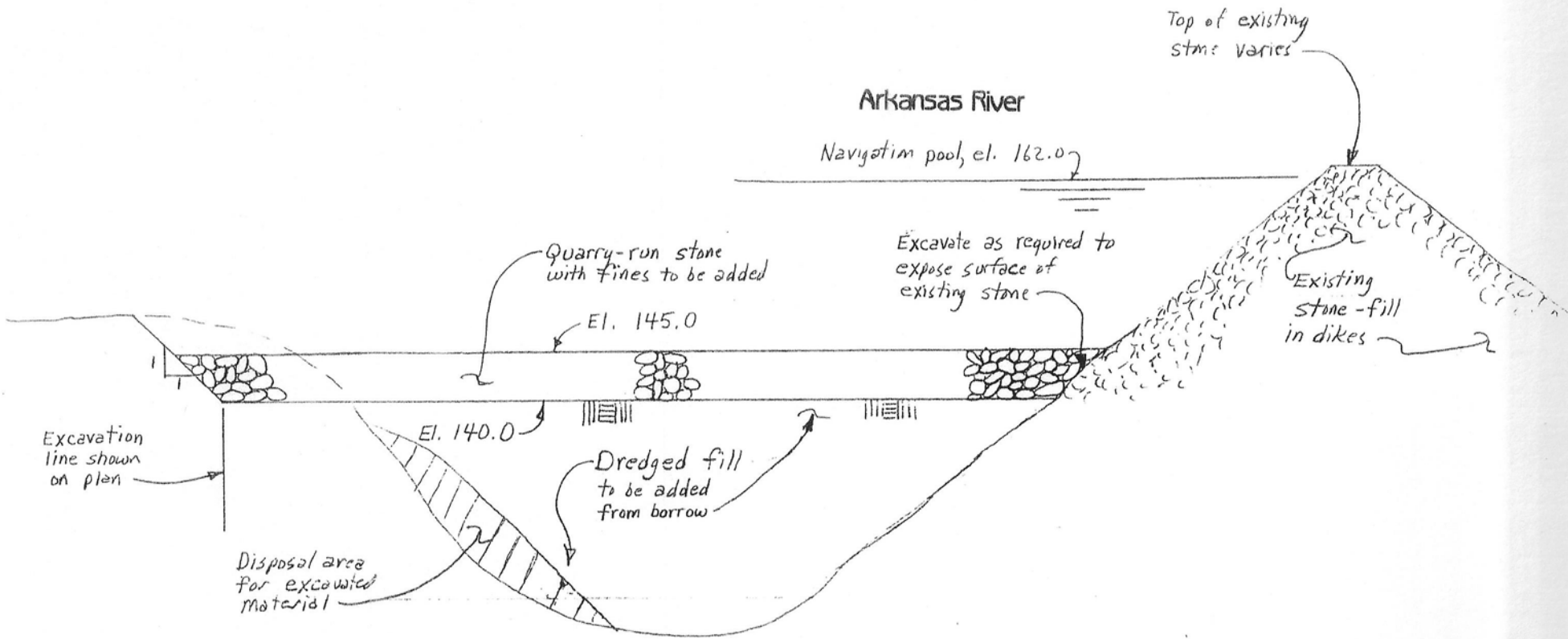
Vicksburg District
 ATTN: CEMVK-OD-F
 4155 Clay Street
 Vicksburg, MS 39183-3435
 (601) 631-7660

ACTION NO. 1988-09046-GU
 Regional General Permit
CORPS WORK ON THE MKARNS IN
ARKANSAS AND ON CORPS LAKES
WITHIN SWL

September 2014

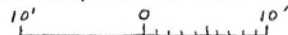
SHEET 1 OF 8

Fill of Scour Hole



TYPICAL SECTION

FOR FILLING SCOUR HOLE DOWNSTREAM OF LOCK 3 AND CAPPING IT WITH STONE



TYPICAL SECTION

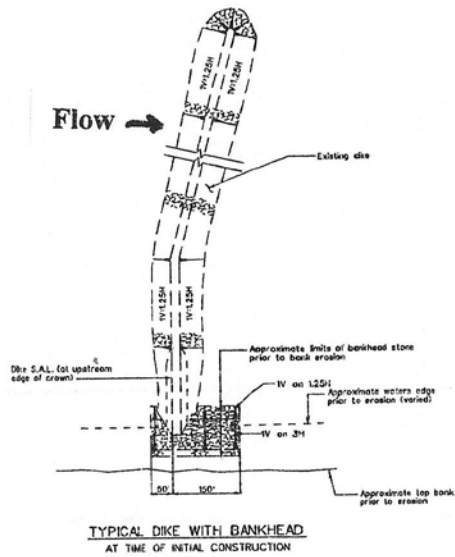
ACTION NO. 1988-09046-GU
 Regional General Permit
CORPS WORK ON THE MKARNS IN ARKANSAS AND ON CORPS LAKES WITHIN SWL
 September 2014 SHEET 2 OF 8

TABLE NO. 1
Navigation System Information

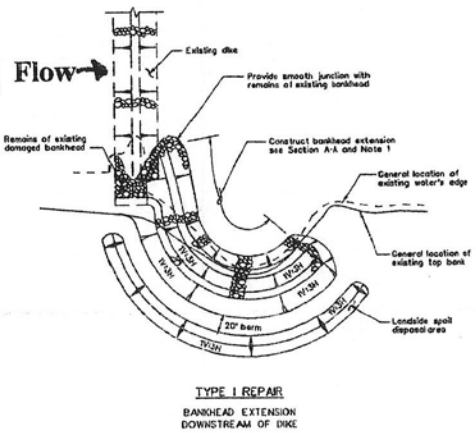
LOCK AND DAM NAME	NAVIGATION MILE	UPPER POOL ELEVATION
Norral, (No. 1)	10.3	142
Wibur Mills, (No. 2)	13.3	162
Joe Hardin, (No. 3)	50.2	182
Emmett Sanders, (No. 4)	66.0	196
No. 5	86.3	231
David D. Terry, (No. 6)	108.1	249
Murray, (No. 7)	125.4	265
Toed Suck Ferry, (No. 8)	156.9	
Arthur V. Ormond, (No. 9)	176.9	+284 - 287
Dardanelle	205.5	+336 - 338
Osark-Jetie Taylor	256.8	+370 - 372
James W. Trivette, (No. 13)	292.8	391

TABLE NO. 2
Bankhead/Trench-Fill Revetment
Cross Width Criteria

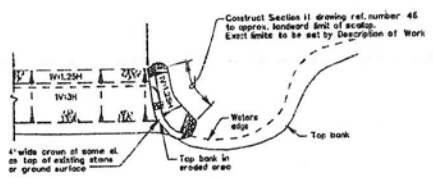
MAXIMUM WATER DEPTH BELOW POOL	BANKHEAD/TRENCH-FILL REVETMENT CROWN WIDTH
8.00' or shallower	5'
10.25'	6'
12.50'	7'
14.75'	8'
17.00'	9'
19.25'	10'
21.50'	11'
23.75'	12'
26.00'	13'
28.25'	14'
30.50'	15'
32.75'	16'
35.00'	17'
37.25'	18'
39.50'	19'
41.75' or deeper	20'



TYPICAL DIKE WITH BANKHEAD AT TIME OF INITIAL CONSTRUCTION



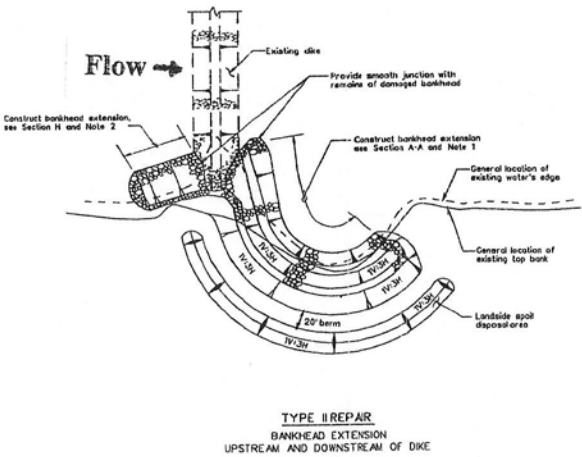
TYPE I REPAIR
BANKHEAD EXTENSION
DOWNSTREAM OF DIKE



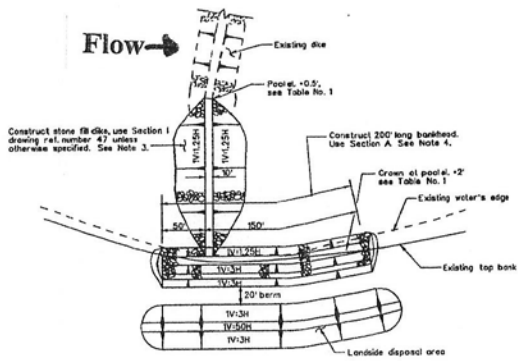
TYPE IV REPAIR
TYPICAL PLAN FOR DUMPED STONE ADDED TO UPSTREAM OR DOWNSTREAM ENDS OF TRENCH-FILL REVETMENTS OR BANKHEADS TO PREVENT TRAVELLING

NOTES:

1. The length of the downstream bankhead extension shall be set by the Contracting Officer's Representative (C.O.R.) at the time of construction. Total length of bankhead downstream from the upstream edge of dike crown shall be at least 1/2 the length of the eroded pocket or 150', whichever is greater, unless otherwise directed.
2. The length of the upstream bankhead extension shall be set by the C.O.R. at the time of construction. The stone protection shall generally extend to the landward limit of the scour pocket as determined by a line perpendicular to the S.A.L. of the dike.
3. The C.O.R. shall set the alignment of the dike extension approximately perpendicular to the existing bankline. The dike extension shall be constructed after the bankhead. The dike shall have a 1/2" crown which slopes from pool = 2' at the landward and to pool = 0.5' at the intersection with the existing dike, unless otherwise directed by the C.O.R.
4. The bankhead S.A.L. shall be perpendicular to the dike S.A.L. from 50' upstream to 70' downstream of the S.A.L. The downstream 10' of the bankhead shall curve towards the river channel. The contractor shall have the option of riverbank disposal as shown on Section A. The C.O.R. shall set the crown width based on Table No. 2.
5. The Description of Work included in the Task Order may change shown dimensions and will define scope of work.



TYPE II REPAIR
BANKHEAD EXTENSION
UPSTREAM AND DOWNSTREAM OF DIKE



TYPE III REPAIR
NEW BANKHEAD AND DIKE EXTENSION

Bankhead and Revetment Repairs
Types I, II, III, and IV

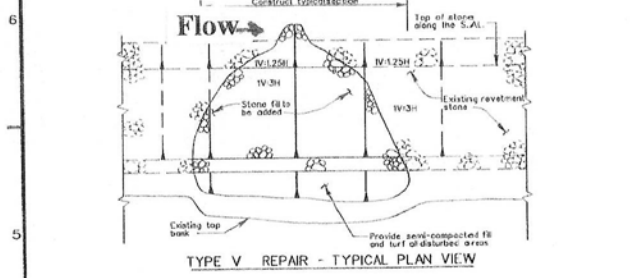
ACTION NO. 1988-09046-GU
Regional General Permit
CORPS WORK ON THE MKARNS IN
ARKANSAS AND ON CORPS LAKES
WITHIN SWL
September 2014

SHEET 3 OF 8

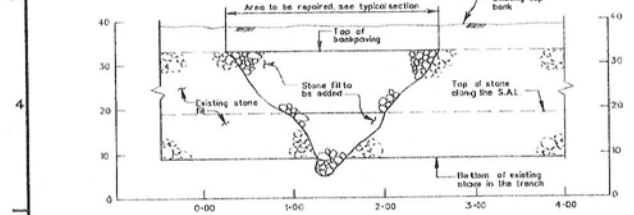
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS
Submitted by: [Name]
Submitted by: [Name]
Contract No.: W1275-01-C-0033
Contract No.: CAR

ILLINOIS-ARKANSAS RIVER NAVIGATION SYSTEM
BANK STABILIZATION STRUCTURE REPAIRS
AND CHANNEL IMPROVEMENTS
BANKHEAD & REVETMENT REPAIRS
TYPES I, II, III, AND IV

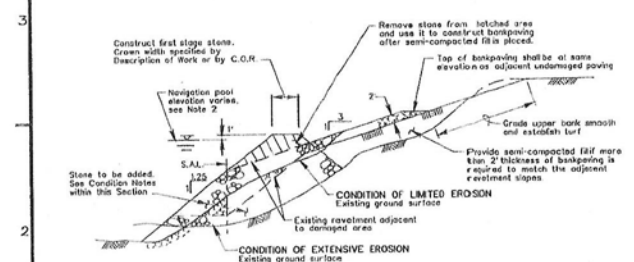
A B C D E F G H



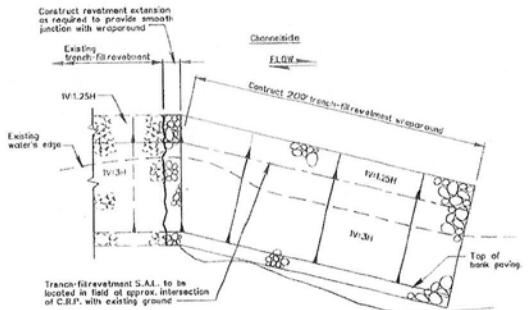
TYPE V REPAIR - TYPICAL PLAN VIEW



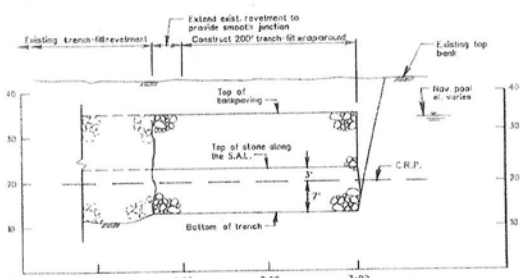
TYPICAL PROFILE For Type V Repair FOR TRENCH-FILL REVEMENTS WITH SHORT ERODED AREAS



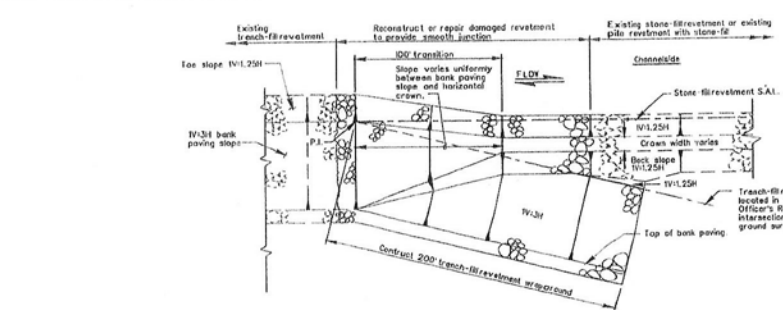
TYPE V REPAIR - TYPICAL SECTION



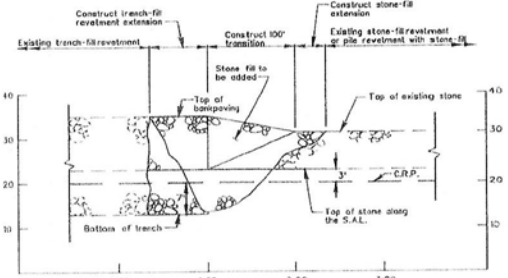
TYPE VI REPAIR - TYPICAL PLAN VIEW AT UPSTREAM AND DOWNSTREAM ENDS OF TRENCH-FILL REVEMENTS



TYPICAL PROFILE For Type VI Repair

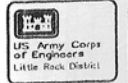


TYPE VII REPAIR - TYPICAL PLAN VIEW AT JUNCTION BETWEEN TRENCH-FILL REVEMENT AND STONE-FILL OR PILE REVEMENT



TYPICAL PROFILE For Type VI Repair FOR TRANSITION BETWEEN TRENCH-FILL REVEMENT AND STONE-FILL OR PILE REVEMENT

- NOTES:
1. The S.A.L. for the Type VII repair shall be parallel to the existing revetment S.A.L. The offset distance shall be specified after the pre construction survey is obtained.
 2. Navigation pool elevations are shown in Table No. 1, drawing ref. number 44.
 3. The Description of Work included in the Task Order may change shown dimensions and will define scope of work.



Project No.	
Contract No.	
Drawn by	
Checked by	
Date	

Drawn by	RMS	Date	APRIL 2007
Checked by	RMS	Contract No.	W8275-01-9-0011
Reviewed by	CAR	Contract by	W8275-01-C-333X
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS		Submitted by	

LAWNER ARKANSAS RIVER NAVIGATION SYSTEM BANK STABILIZATION STRUCTURE REPAIRS AND CHANNEL IMPROVEMENTS	
EVENTS - STRUCTURE REPAIRS TYPES V, VI, AND VII	

ACTION NO. 1988-09046-GU
 Regional General Permit
CORPS WORK ON THE MKARNS IN ARKANSAS AND ON CORPS LAKES WITHIN SWL
 September 2014

SHEET 4 OF 8

**Revetment Structure Repairs
Types V, VI, and VII**



Item	Description	Unit	Quantity

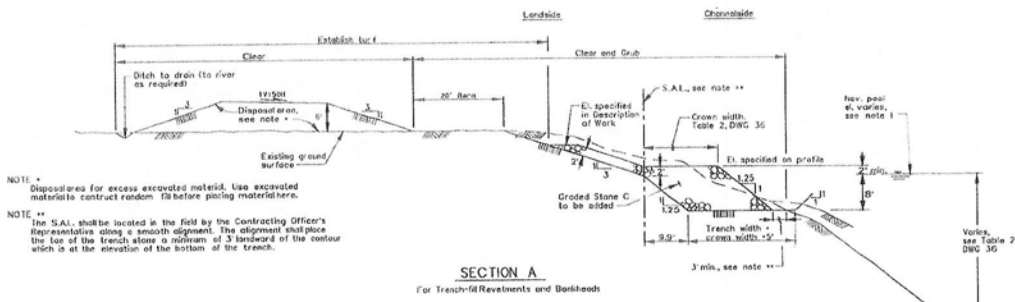
DATE	APRIL 2007
DESIGNED BY	PMS
DRAWN BY	PMS
REVISIONS	BY/TS: JT-B/02/11
SCALE	AS SHOWN
PROJECT NO.	WPETS 07-2-0000
DISTRICT	LITTLE ROCK, ARKANSAS
ENGINEER	U.S. ARMY ENGINEER DISTRICT
APPROVED BY:	

ELLI-KERR ARKANSAS RIVER NAVIGATION SYSTEM BANK STABILIZATION STRUCTURE REPAIRS AND CHANNEL IMPROVEMENTS RETEMENT DETAILS SECTIONS A - H
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DRAWN BY: PMS
 CHECKED BY: PMS
 DATE: APRIL 2007

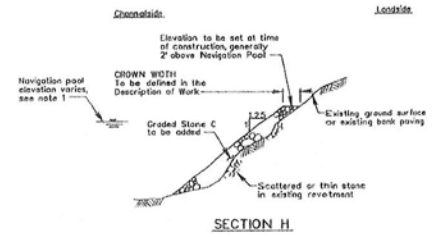
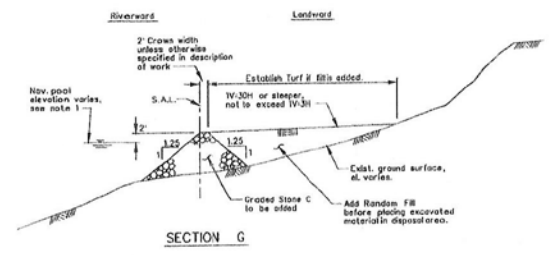
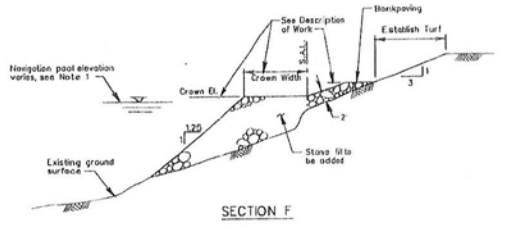
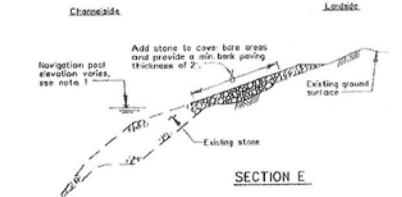
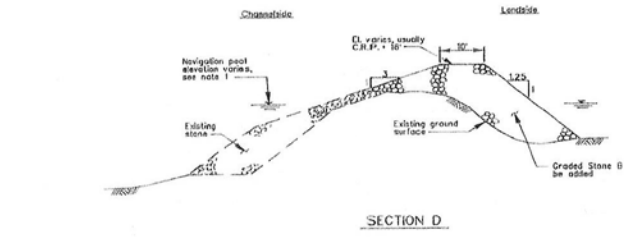
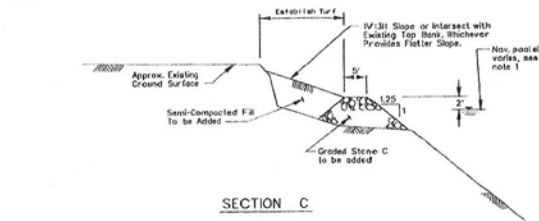
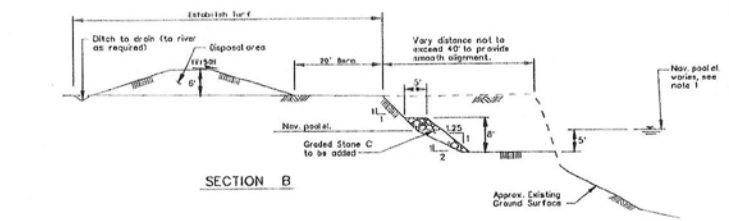
ACTION NO. 1988-09046-GU
 Regional General Permit
 CORPS WORK ON THE MKARNS IN
 ARKANSAS AND ON CORPS LAKES
 WITHIN SWL
 September 2014

SHEET 5 OF 8



NOTE * Disposal area for excess excavated material. Use excavated material to construct random fill before placing material here.

NOTE ** The S.A.L. shall be located in the field by the Contracting Officer's Representative along a smooth alignment. The alignment shall place the top of the trench close to minimum of 3' landward of the contour which is at the elevation of the bottom of the trench.



NOTE:
 1. Navigation pool elevations are shown in Table No. 1, drawing ref. number 44.
 2. The Description of Work included in the Task Order may change shown dimensions and will define scope of work.

**Revetment Details
 Sections A-H**

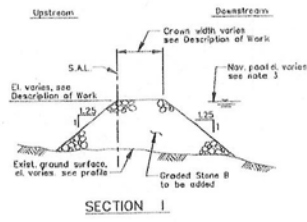
ACTION NO. 1988-09046-GU
 Regional General Permit
CORPS WORK ON THE MKARNS IN
ARKANSAS AND ON CORPS LAKES
WITHIN SWL
 September 2014



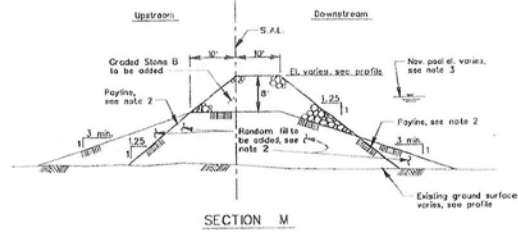
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Designed By:	FMS	Date:	APRIL 2007
Drawn By:	RMS	Revision No.:	W9775-27-9-001
Checked By:	CAR	Contract No.:	W9775 DT C 0007
Submitted By:			

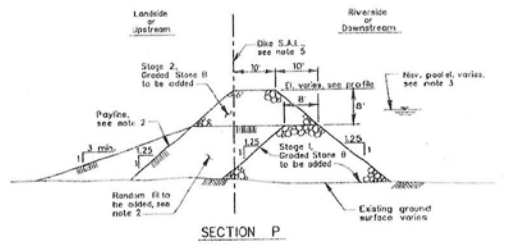
EL PASO-ARIZONA RIVER NAVIGATION SYSTEM
BANK STABILIZATION STRUCTURE REPAIRS
AND CHANNEL IMPROVEMENTS
STONE-FILL REPAIRS
SECTIONS I - Q



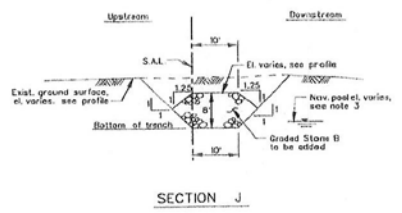
SECTION I



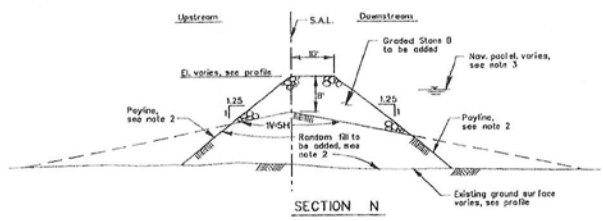
SECTION M



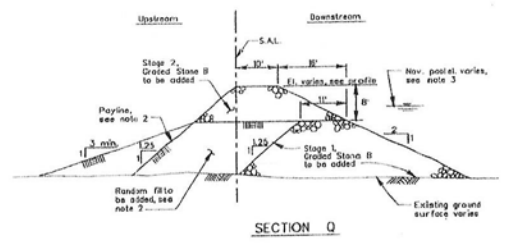
SECTION P



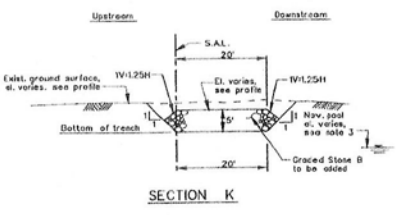
SECTION J



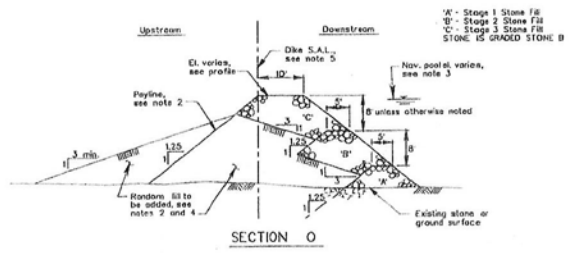
SECTION N



SECTION Q

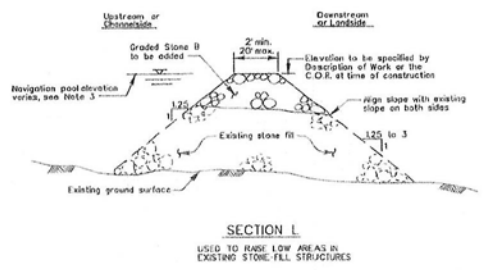


SECTION K



SECTION O

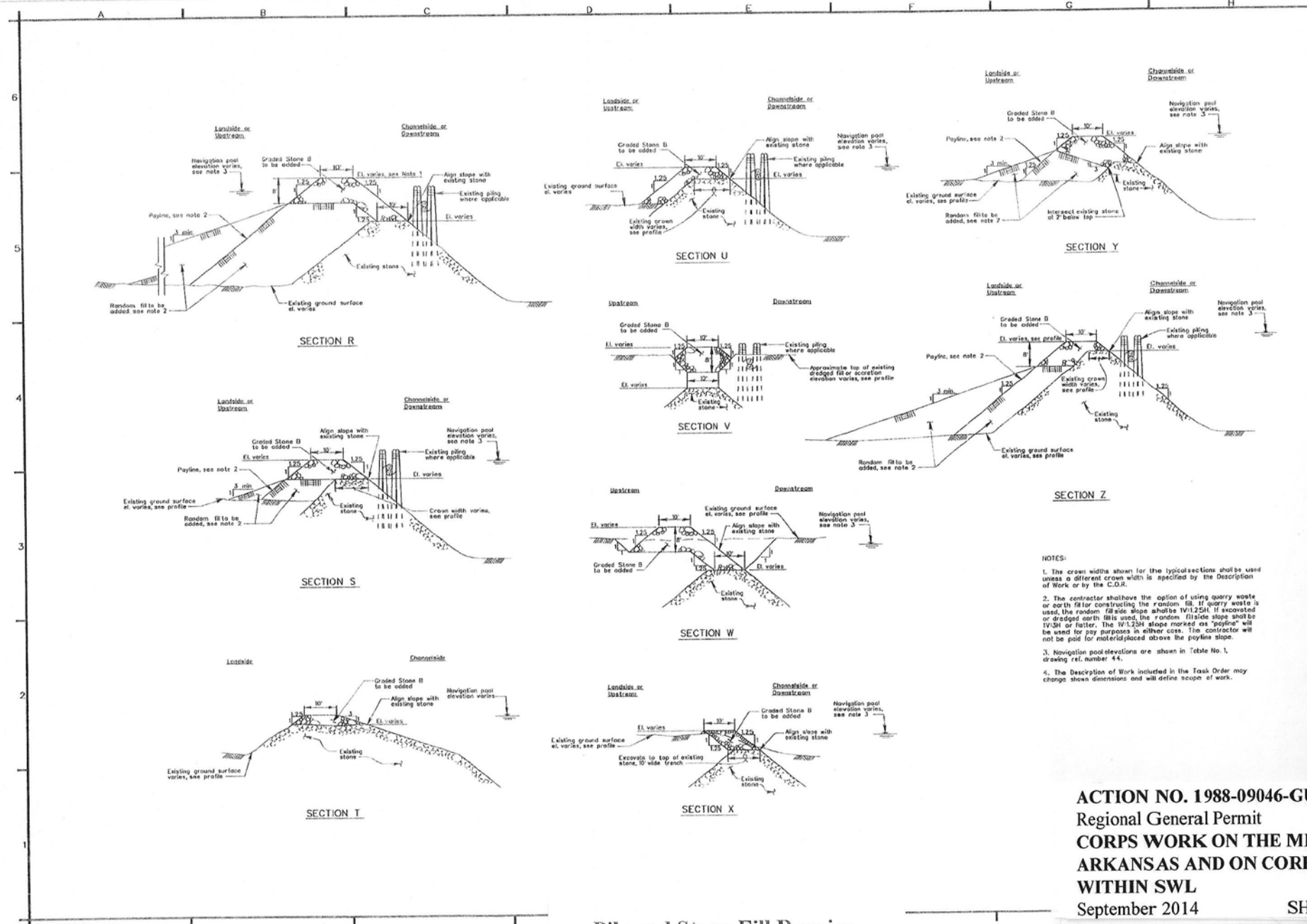
- NOTES:
1. The crown widths shown for the typical sections shall be used unless a different crown width is specified by the Description of Work or by the C.O.R.
 2. The contractor shall have the option of using quarry waste or earth fill for constructing the random fill. If quarry waste is used, the side slopes of the random fill shall be W-1.25H. If excavated or dredged earth fills are used, the side slopes of the random fill shall be W-3H or flatter. In either case, the contractor will not be paid for material which is placed above the payline slopes.
 3. Nav. pool elevations are shown in Table No. 1, drawing ref. number 44.
 4. For Section Q, the contractor shall place enough random fill after each stage of stone fill to support the next stage of stone fill.
 5. The Description of Work included in the Task Order may change shown dimensions and will define steps of work.



SECTION L
USED TO RAISE LOW AREAS IN EXISTING STONE-FILL STRUCTURES

Stone-Fill Repairs
Section I-Q

ACTION NO. 1988-09046-GU
Regional General Permit
CORPS WORK ON THE MKARNS IN ARKANSAS AND ON CORPS LAKES WITHIN SWL
September 2014 SHEET 6 OF 8



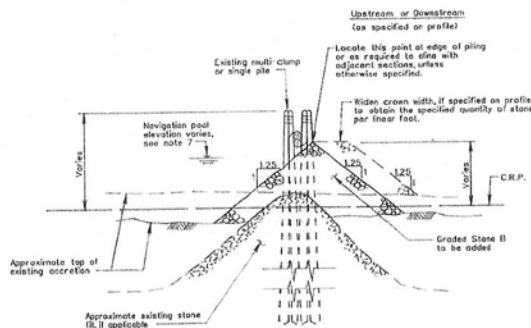
Designed by:	PMS	Date:	APRIL 2007
Checked by:	RMS	Project No.:	WR27S-27-9-001
Submitted by:		Contract No.:	WR27S-07-C-0006

UNIVERSITY OF ARKANSAS RIVER NAVIGATION SYSTEM PILE STABILIZATION STRUCTURE REPAIR AND CHANNEL IMPROVEMENTS	SECTIONS R - Z
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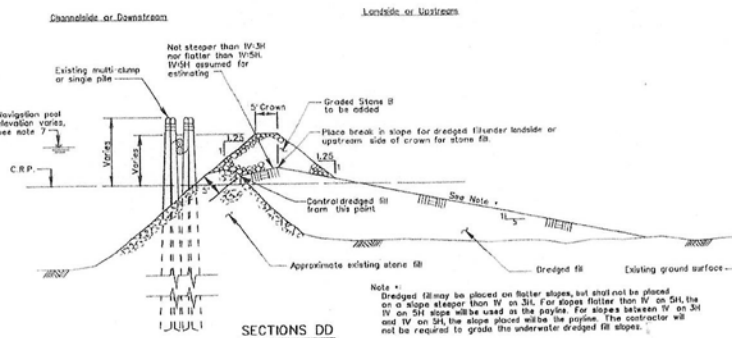
- NOTES:
- The crown widths shown for the typical sections shall be used unless a different crown width is specified by the Description of Work or by the C.D.R.
 - The contractor shall have the option of using quarry waste or earth fill for constructing the Random fill. If quarry waste is used, the random fill side slope shall be 1W/1.25H. If excavated or dredged earth fill is used, the random fill side slope shall be 1W/3H or flatter. The 1W/1.25H slope marked as "payline" will be used for pay purposes in either case. The contractor will not be paid for material placed above the payline slope.
 - Navigation pool elevations are shown in Table No. 1, Graving ref. number 44.
 - The Description of Work included in the Task Order may change shown dimensions and will define scope of work.

ACTION NO. 1988-09046-GU
 Regional General Permit
CORPS WORK ON THE MKARNS IN ARKANSAS AND ON CORPS LAKES WITHIN SWL
 September 2014

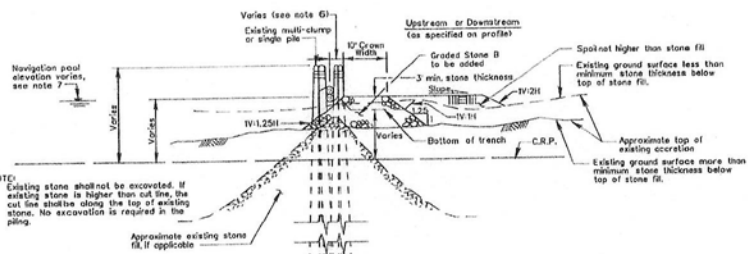
**Pile and Stone-Fill Repairs
 Sections R-Z**



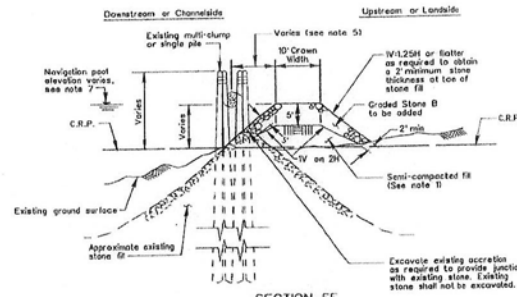
SECTION AA
CONDITION WHERE PEAKED SECTION IS TO BE PLACED IN EXISTING PILE DIKE



SECTIONS DD



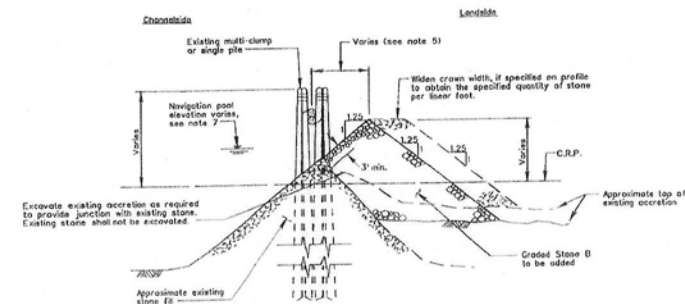
SECTION BB
CONDITION WHERE CROWN SECTION IS TO BE PLACED IN EXISTING PILE DIKE



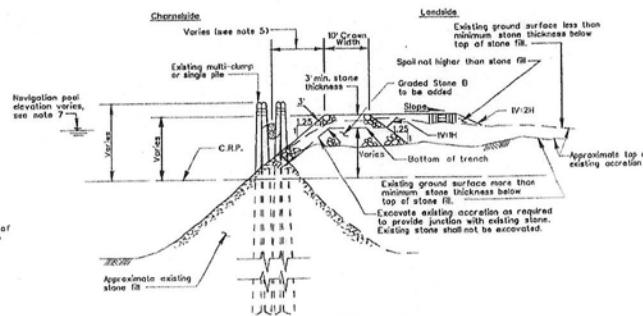
SECTION EE
CONDITION WHERE CROWN SECTION IS TO BE PLACED IN EXISTING PILE DIKE WITH STONE FILL OR PILE REVELMENT WITH STONE FILL AND EXISTING GROUND SURFACE IS MORE THAN 5' BELOW TOP OF STONE FILL.

NOTES:

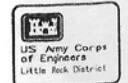
- Unless otherwise specified, borrow material for constructing semi-compacted fill in Section EE shall be obtained no closer than 20 feet from the stone fill to be added, and borrow excavation shall be lower than the lowest stone to be added adjacent to the excavation. Material required to be excavated may be used for borrow. At distances greater than 50 feet from any existing or proposed structure there is no restriction on excavation for borrow, except in no instance will excavation of high bank land for borrow be permitted and in no instance will excavation lower than 5 feet below the lowest stone to be added be permitted.
- Dimensions shown for crown width and minimum stone thickness shall be used unless otherwise specified.
- Spillway may be placed as shown unless otherwise specified.
- For single pile revetments and dikes, the S.A.L. is located on the channelside or upstream surface of piles. For multi-clump revetments and dikes, the S.A.L. is located along the center of the channelside or upstream row of clumps.
- Varies as required to align downstream or channelside slope of stone fill to be added with downstream or channelside slope of existing stone fill, unless otherwise specified.
- Varies as required to provide for maximum utilization of existing stone fill and accretion or as required to dig with adjacent sections, unless otherwise specified.
- See Table No. 1, drawing ref. number 44, for navigation pool elevations.
- The Description of Work included in the Task Order may change shown dimensions and delineate scope of work.



SECTION CC
CONDITION WHERE PEAKED SECTION IS TO BE PLACED IN EXISTING PILE REVELMENT WITH STONE FILL



SECTION FF
CONDITION WHERE CROWN SECTION IS TO BE PLACED IN EXISTING PILE REVELMENT WITH STONE FILL



Project No.	188-09046-GU
Task Order No.	188-09046-GU-001
Section No.	AA - FF
Sheet No.	8 OF 8
Scale	AS SHOWN
Author	
Checker	
Engineer	
Surveyor	
Locator	
Planner	
Printer	

DATE	APRIL 2007
DESIGNED BY	RMS
CHECKED BY	RMS
APPROVED BY	DAR
PROJECT NO.	188-09046-GU-001
SECTION NO.	AA - FF
SHEET NO.	8 OF 8
SCALE	AS SHOWN

FLANKER ARKANSAS RIVER NAVIGATION SYSTEM
DIAPHRAGM WALLS
AND CHANNEL IMPROVEMENTS
PILE STRUCTURES
SECTIONS AA - FF
GENERAL PLAN

ACTION NO. 1988-09046-GU
Regional General Permit
CORPS WORK ON THE MKARNS IN ARKANSAS AND ON CORPS LAKES WITHIN SWL
September 2014 SHEET 8 OF 8

Pile Structures Sections AA-FF General Plan