

**US Army Corps  
of Engineers®**

# **SPECIAL PUBLIC NOTICE**

**REGIONAL GENERAL PERMIT  
Regional General Permit (RGP) No. 62  
Bureau of Reclamation  
Operation and Maintenance Activities  
Lower Colorado River**

**Date:** October 30, 2001

**Point of Contact:** Marjorie Blaine (520)584-4486

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## **TO WHOM IT MAY CONCERN:**

The District Engineer, Los Angeles District, U. S. Army Corps of Engineers, hereby issues Regional General Permit (RGP) No. 62, which authorizes the Bureau of Reclamation (Bureau) to conduct specific operation and maintenance activities on the Lower Colorado River, from Davis Dam to the Southern International Border, in Arizona and California. As listed in Special Condition "b", the Bureau is required to provide a complete notification package to the Corps and cannot proceed with proposed operation and maintenance activities until the Corps verifies the proposed project meets the requirements for RGP62. For additional information, please reference the attached RGP62.

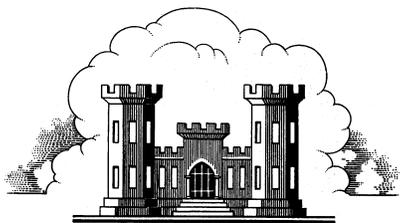
This permit is being issued under Section 404 of the Clean Water Act (33 USC 1344) and Section 10 of the River and Harbor Act of 1899 (33 USC 403) and is in accordance with provisions of the Regulatory Program of the Corps of Engineers (33 CFR Part 322.2(f)) for activities which are substantially similar in nature, and which cause only minimal individual and cumulative environmental impacts. When reviewing a specific activity for verification under this RGP62, it is the Corps' determination of minimal impacts; any proposed activity which does not have minimal impacts will be processed as an individual permit.

### **Public Comment**

A Public Notice describing the proposed RGP was issued on December 22, 2000 and sent to all interested parties (Corps mailing list), including appropriate State and Federal agencies. Comments received on the Public Notice were fully considered in the decision to issue this permit.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) was prepared for this RGP. This EA includes responses to all public comments received on the Public Notice and concluded that issuance of this RGP would not cause significant adverse impacts to the environment. This EA may be viewed at, or requested from the Los Angeles District of the Corps of Engineers, Tucson Project Office.

A final copy of the terms and conditions of this RGP is attached to this public notice. For additional information, please call Marjorie Blaine of my staff at (520)584-4486. This public notice is issued by the Chief, Regulatory Branch.



*LOS ANGELES DISTRICT  
U.S. ARMY CORPS OF ENGINEERS*

**DEPARTMENT OF THE ARMY  
REGIONAL GENERAL PERMIT NO. 62  
BUREAU OF RECLAMATION  
OPERATION AND MAINTENANCE ACTIVITIES  
LOWER COLORADO RIVER**

**Permittee:** This Regional General Permit (RGP) applies to the U.S. Department of the Interior, Bureau of Reclamation

**Permit Number:** 2000-01901-MB

**Issuing Office:** Los Angeles District

**Effective Date:** October 30, 2001

**Expiration Date:** October 30, 2006

**Project Description**

The District Engineer, Los Angeles District, U. S. Army Corps of Engineers hereby issues RGP No. 62.

This RGP authorizes the Bureau of Reclamation to conduct the following activities: To perform bank stabilization on an as-needed basis with lengths ranging from 25 linear feet for spot repairs to no more than 1,500 linear feet for currently unprotected or reinforcement of currently protected banklines; armoring of banklines will require from 2.5 cubic yards (cy) to 10 cy per linear foot. To replace and/or relocate culverts and permeable structures to allow continuous flow of water; material excavated may be used as backfill but excess material will be hauled to an upland disposal site; the maximum length of a typical new structure would be 100 feet along an existing levee with approximately 3,500 cy of fill for each structure. To remove a maximum of 3,000 cy of sediment per wash fan excavated to a maximum depth of 4 feet but leaving a small portion of the fan in place for spawning habitat; some material excavated may be used for bankline stabilization in the affected wash; dredges are not authorized for use in wash fan

removal. To conduct dredging in front of dams and in desilting basins with the exception of the Palo Verde Basin and the confluence of the Colorado and Gila Rivers; the maximum amount of material allowable for dredging is 2 million cy per site; dredged spoil will be removed to an upland, bermed disposal site with no return water to the river, its tributaries, backwaters, sloughs, or historic channels. To maintain existing rock weirs (the construction of new weirs is not authorized by this RGP). To use a dredge, amphibious excavator, or land-based equipment to remove a maximum of 25,000 cy of material per inlet and/or outlet to reopen backwaters and other facilities; removed material will be disposed of at an upland disposal site and if a dredge is used, the disposal site will be bermed; no return water is allowed directly to the river, its tributaries, backwaters, sloughs, or historic channels. To clear vegetation from an existing facility by land-based equipment during low flows only; a maximum of no more than one acre of vegetation would be removed per occurrence and is limited to facilities, inlets/outlets, structures, and roads. To construct boat ramps for equipment access with a maximum ramp width of 30', a maximum of 500 cy of rock for stabilization of the ramp, and maximum removal of material for ramp construction of 1,000 cy. This RGP does not allow for the placement of concrete for the ramp.

**Project Location:** In the Colorado River from Davis Dam to the Southern International Border (SIB) with Mexico; Mohave, La Paz, and Yuma Counties, Arizona and San Bernardino, Riverside, and Imperial Counties, California.

## **Permit Conditions**

### **General Conditions:**

1. The activity authorized by this permit must be maintained in good condition and in conformance with the terms and conditions of this permit. The Permittee is not relieved of this requirement if the permitted activity is abandoned, although a good faith transfer to a third party may be made in compliance with General Condition 4 below. Should the Permittee wish to cease to maintain the authorized activity or desire to abandon it without a good faith transfer, a modification must be obtained from this permit from this office, which may require restoration of the area.
2. If the Permittee discovers any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, the Corps must be immediately notified of what has been found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
3. If a conditioned water quality certification has been issued for this project, the Permittee must comply with the conditions specified in the certification as special conditions to this permit.

4. The Permittee must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of this permit.

5. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

**Special Conditions:** See attached sheet.

**Further Information:**

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403).

( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
  - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or behalf of the United States in the public interest.
  - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
  - d. Design or construction deficiencies associated with the permitted work.
  - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. **Reliance on Applicant's Data:** The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
5. **Reevaluation of Permit Decision.** This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- a. Failure to comply with the terms and conditions of this permit.
  - b. The information provided by the Permittee in support of the permit application proves to have been false, incomplete, or inaccurate (See 4 above).
  - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.
  - d. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. Work/activities authorized under RGP62 expire October 30, 2006. The Corps will normally give favorable consideration to a request for an extension of this time limit. It is expected that the RGP can be reissued for an additional five years; however, the Corps must determine if individual and cumulative impacts were and are expected to remain minimal.

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

  
\_\_\_\_\_  
Mark F. Sudol, D.Env.  
Chief, Regulatory Branch  
(for the District Engineer)

30 OCT 2001  
\_\_\_\_\_  
(DATE)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

\_\_\_\_\_  
(TRANSFEREE)

\_\_\_\_\_  
(DATE)

**SPECIAL CONDITIONS**  
**PERMIT NO. 2000-01901-MB**

a. Should cultural resources or archeological remains be encountered during construction/excavation, work shall immediately cease in the area of discovery. The permittee shall promptly notify the State Historic Preservation Office at (602)542-7137 and the Corps at (520)584-4486.

b. In order to use this RGP for any activity detailed herein, the permittee shall be required to notify the Corps, prior to commencement of any activity. The standard individual permit application form (FORM ENG 4345) may be used as notification but must clearly indicate that it is a RGP notification. Work may not commence until verification of compliance with this RGP is received from the Corps or sixty days have passed since the Corps received a *complete* notification package. The notification package shall include:

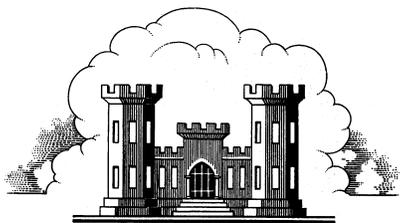
1. a complete written description of the specific activity including all dimensions, area to be impacted, and amounts of excavation and/or fill; detailed description of method of undertaking the work including type of equipment to be used,
2. a vicinity map indicating location of the activity; Section, Township, Range,
3. a plan view and cross-section of the proposed activity,
4. location of spoil deposition sites,
5. location of any special aquatic sites, including wetlands, within the project area; please note that with the exception of very small stands of cattails/bulrush (less than 10 square feet), this RGP will not authorize any work in any special aquatic site,
6. Section 401 water quality certification from the appropriate agency/agencies,
7. documentation of completed coordination under the Fish and Wildlife Coordination Act with the FWS and the appropriate State game and fish agency and the completed Section 7 consultation or the permittee's determination of "no effect",
8. completed Section 106 consultation including consultation with appropriate Tribes regarding traditional cultural properties or the permittee's determination of "no effect",
9. a mitigation plan, in accordance with the Corps' "Habitat Mitigation and Monitoring Plan" format, for any permanent impacts to the aquatic ecosystem,
10. written authorization from any Tribe which owns the project area.

c. The permittee shall minimize disturbance to native vegetation and is not authorized for use in special aquatic sites, including wetlands, with the exception of small stands (10 square feet or less) of cattails/bulrush.

d. The permittee shall not stockpile material below the ordinary high water mark of any water of the U.S.

e. This permit does not authorize training structures, jetties, or any other similar structures which extend into the river.

- f. The permittee, when using amphibious or land-based equipment, shall perform work during low water conditions when the area is naturally dewatered and shall suspend all operations when there is water within the project area. The permittee shall not discharge fill or construction debris into the waters of the Colorado River or its tributaries, sloughs, backwaters, or historic channels.
- g. The permittee shall immediately remove all excavated/dredged material to an upland disposal site. Upland spoil sites for dredged material shall be bermed.
- h. The permittee shall not allow return water to be discharged directly into the Colorado River, its tributaries, sloughs, backwaters, or historic channels. Return water shall be discharged over land or allowed to percolate into groundwater.
- i. The permittee shall not divert flows outside of the ordinary high water mark of any water of the U.S.
- j. The permittee shall not pour concrete for any ramp.
- k. The permittee shall not excavate, fill, or grade in the watercourse outside of the minimum area needed to accomplish the activity.
- l. The permittee shall not dredge/excavate sediment below the OHWM specifically for use as a fill source; however, in the case of reconstruction/installation of culverts or where material is excavated from facilities, wash fans, or inlet/outlet channels to improve hydraulic efficiency, the permittee may use the excess material as fill outside of waters of the U.S.
- m. The permittee shall remove all excess fill and/or construction debris/equipment from the site immediately upon completion of construction.
- n. Prior to onset of construction/excavation, the permittee shall provide the contractor(s) with a copy of this permit. The contractor shall read and agree to comply with all conditions herein and shall sign their full name by this special condition.
- o. Upon completion of the verified activity, the permittee shall provide a completed "Certification of Compliance with Department of the Army Permit" (attached) and forward it to the Corps.
- p. This RGP shall be effective for five years from the date of issuance after which time it may be reauthorized if Federal, State, and local agencies and the public support its reissuance.
- q. This RGP may be modified or revoked in the future if: (1) new species or new critical habitat become Federally listed that could be adversely affected by the permitted activities or (2) additional information indicates that activities permitted under this RGP cause significant environmental impacts.



*LOS ANGELES DISTRICT  
U.S. ARMY CORPS OF ENGINEERS*

**CERTIFICATION OF COMPLIANCE WITH  
DEPARTMENT OF THE ARMY PERMIT RGP62**

**Permit Number:** RGP 62 (2000-01901-MB)

**Name of Permittee:** Bureau of Reclamation

**Date of Issuance of Letter of Verification:**

Upon completion of the activities authorized by this letter of verification, sign this certification and within 30 days of completion of the activity return it to:

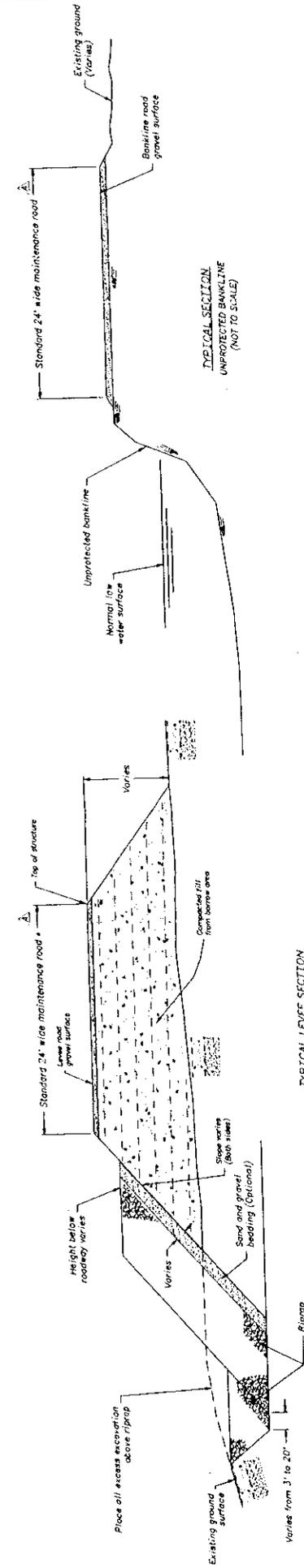
U.S. Army Corps of Engineers  
ATTN: Regulatory Branch  
3636 N. Central Avenue, Suite 760  
Phoenix, AZ 85012

Please note the verified activity is subject to a compliance inspection by a Corps of Engineers representative. If you fail to comply with this letter of verification and the RGP under which it was issued, you may be subject to permit suspension, modification, or revocation.

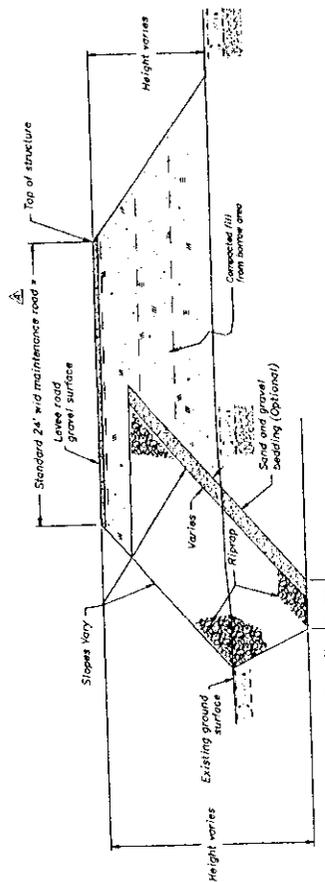
I hereby certify that the work authorized by the letter of verification issued under this RGP has been completed in accordance with the terms and conditions of such verification and RGP.

\_\_\_\_\_  
Signature of Permittee

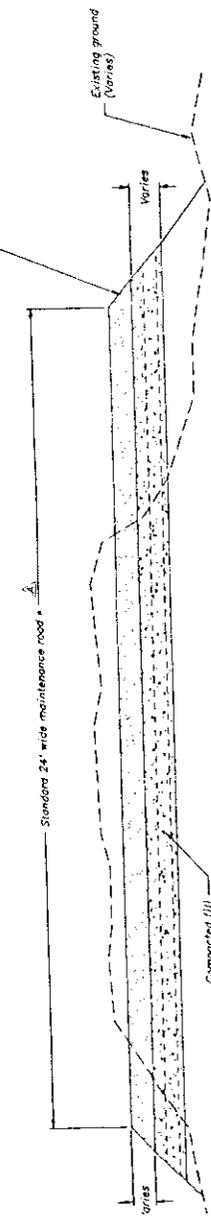
\_\_\_\_\_  
Date



TYPICAL LEVEE SECTION  
(NOT TO SCALE)



TYPICAL SECTION WITH BURIED RIPRAP  
(NOT TO SCALE)



TYPICAL SECTION - ACCESS ROAD  
(NOT TO SCALE)

▲ \* EVERY 600' - 1000',  
A 50' x 75' TURN AROUND WILL  
BE CONSTRUCTED.

NOTES:

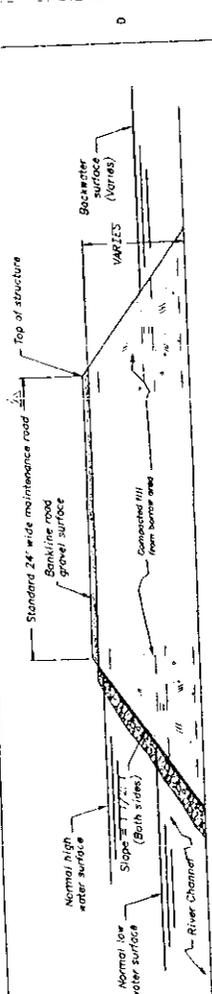
1. Drawing is not to scale.
2. Riprap varies from 4 to 15 tons/rod.
3. Gravel and rock surfacing for roads varies from 8 to 18 inches.
4. Depth of fill varies. Sections vary depending on existing terrain.
5. Levee and riprap slopes vary for 4:1 to 1 1/2:1 depending on existing topography.
6. Riprap may or may not be covered with earth depending on specific needs of the site.

DESIGNED BY: J.R. KIRKALDIE  
CHECKED BY: J.R. KIRKALDIE  
DATE: 10/30/01

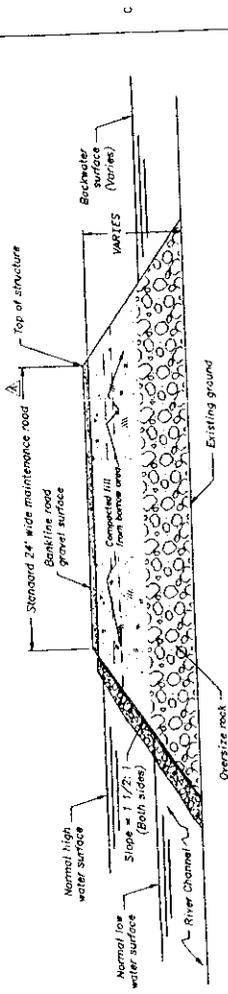
PROJECT: COLORADO RIVER REGIONAL WATER TREATMENT PLANT  
SHEET: 42.3-303-29.03

ALWAYS THINK SAFETY  
BUREAU OF RECLAMATION  
COLORADO RIVER REGIONAL WATER TREATMENT PLANT  
TULSA DIVISION - WATSON - CALIFORNIA - NEVADA

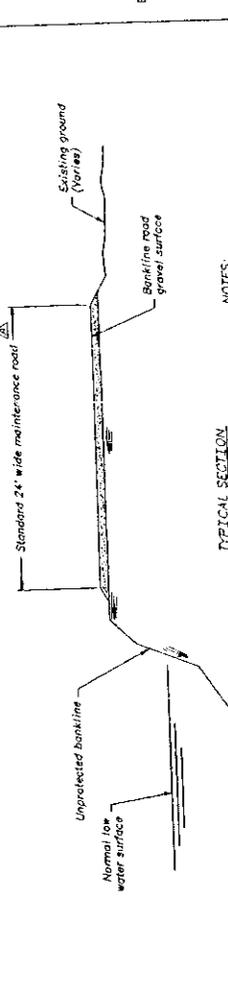
TYPICAL SECTIONS



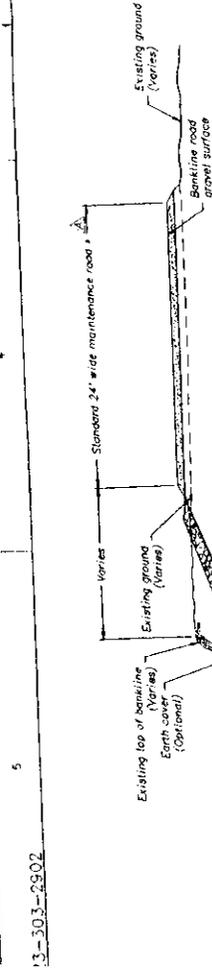
TYPICAL SECTION IN RIVER CHANNEL TRAINING STRUCTURE (NOT TO SCALE)



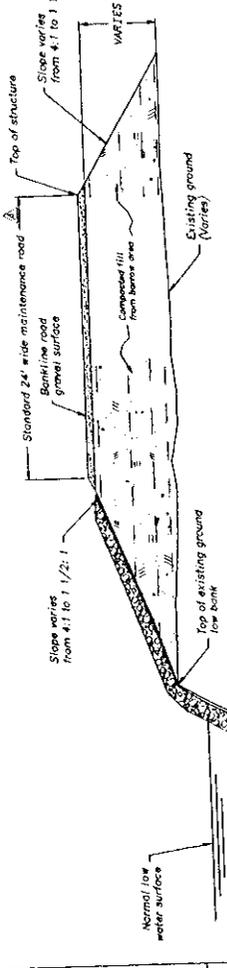
TYPICAL PERMEABLE SECTION IN RIVER CHANNEL (NOT TO SCALE)



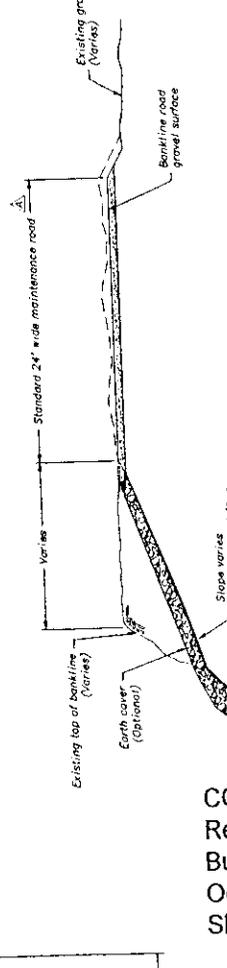
TYPICAL SECTION UNPROTECTED BANKLINE (NOT TO SCALE)



TYPICAL FILL SECTION BANKLINE PROTECTION (NOT TO SCALE)



TYPICAL SECTION ON EXISTING BANK BANKLINE PROTECTION (NOT TO SCALE)

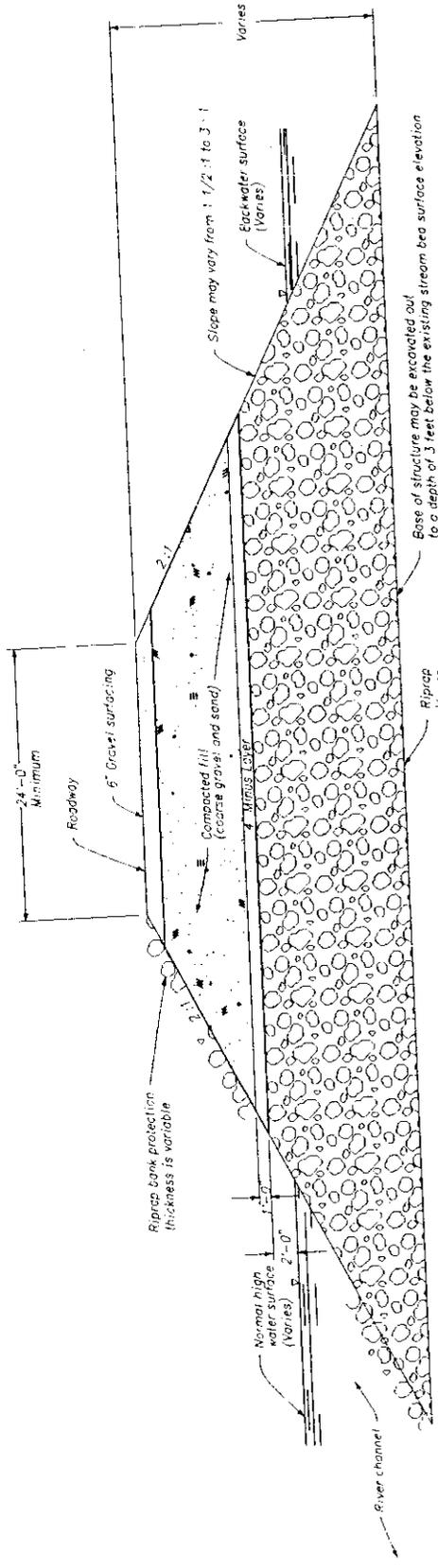


TYPICAL CUT SECTION BANKLINE PROTECTION (NOT TO SCALE)

- NOTES:
1. Drawing is not to scale. 15 tons/foot.
  2. Riprap varies in surfacing for roads varies from 6 to 18 inches.
  3. Depth of fill and cut sections vary depending on existing terrain.

DESIGNER	J.R. KIRKALDIE
DESIGN CONSULTANT	ALWAYS THINK SAFETY
APPROVED BY THE DIRECTOR	
BUREAU OF RECLAMATION	
COLORADO FEDERAL PROJECTS DIVISION	
PHOENIX, ARIZONA - CALIFORNIA - NEVADA	
PROJECT NO.	13-303-2902
DATE	10/30/01
SCALE	AS SHOWN
PROJECT NO.	13-303-2902
SHEET NO.	2

▲ \* EVERY 600' - 1000',  
A 50' x 75' TURN AROUND WILL  
BE CONSTRUCTED.



**TYPICAL SECTION**  
PERMEABLE TRAINING STRUCTURE  
Scale: 1" = 10'-0"

**NOTES:**

1. Two permeable structures would be constructed in place of the existing levee at the upstream end of the two C-8 backwater channels; each permeable structure would be constructed in two phases.
2. The permeable structures would replace approx. 100 linear feet of the existing levee (3000 cubic yards) and would be excavated to 3 feet below the existing stream bed surface elevation.
3. The material excavated will be stockpiled on the levee road surface.
4. Approx. 600 cubic yards of oversize rock will be placed into the bottom of the excavated area, and 2,400 cubic yards of stockpiled material would be placed on top of the oversize material to complete the permeable structures.
5. Any remaining stockpiled material will be hauled to an approved stockpile site.
6. The same operation will be followed for the second permeable structure. The total amount of material to be excavated and placed to construct the two permeable structures would be approx. 6,000 cubic yards.

1163-303-677  
CHANGE IN NOTE 2 AND 4.

Design Concurrence: Robert Palmer & Doug Lancaster

**ALWAYS THINK SAFETY**

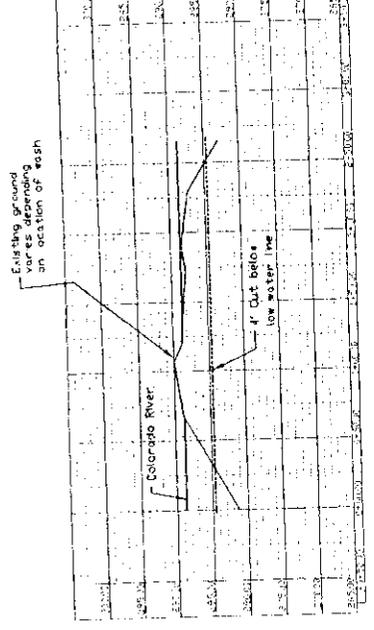
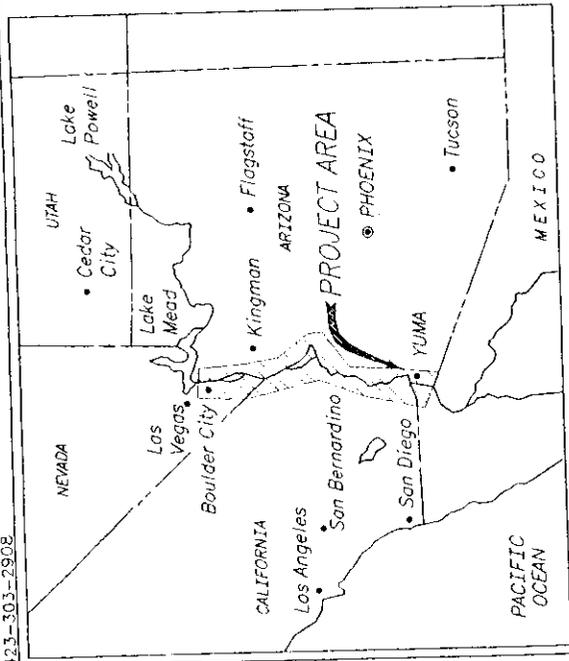
DEPARTMENT OF WATER RESOURCES  
BUREAU OF RECLAMATION  
OPERATIONS AND MAINTENANCE DIVISION  
C-8 BACKWATER PROJECT  
PERMEABLE STRUCTURES  
TYPICAL SECTION

DESIGNED BY SANDERSON C.E.T. TECH. APPROVAL: Mike Jorg, P.E.  
DRAWN BY SANDERSON C.E.T. SUBMITTED BY: Mike Jorg, P.E.  
CHECKED BY: P. A. LAMKEN - APPROVED: Steve Marshall, P.E.  
CADD SYSTEM: CADD FILENAME: DATE AND TIME PLOTTED:  
AUGUST 24, 14.01 138-77 DWG JANUARY 26, 2000 15:24  
PDMK, ARIZONA SHEET 2 OF 2

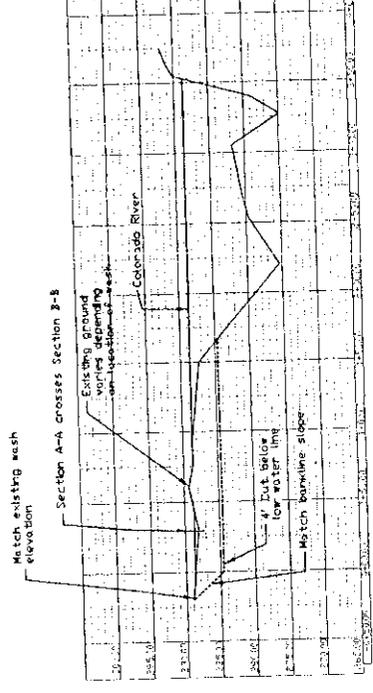
1163-303-677



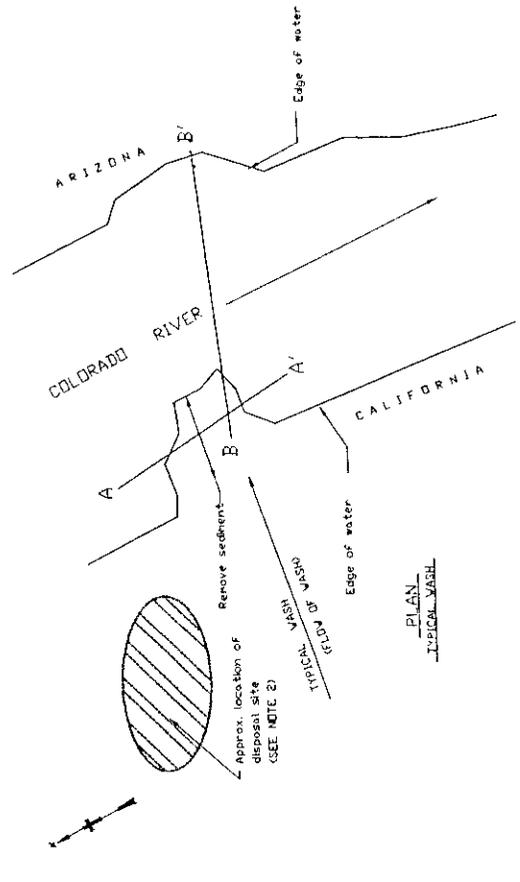
423-303-2908



**SECTION A-A**  
(ELEVATIONS AND STATIONS ARE FOR INFORMATION ONLY  
THEY VARY DEPENDING ON THE LOCATION  
(NOT TO SCALE))



**SECTION B-B**  
(ELEVATIONS AND STATIONS ARE FOR INFORMATION ONLY  
THEY VARY DEPENDING ON THE LOCATION  
(NOT TO SCALE))

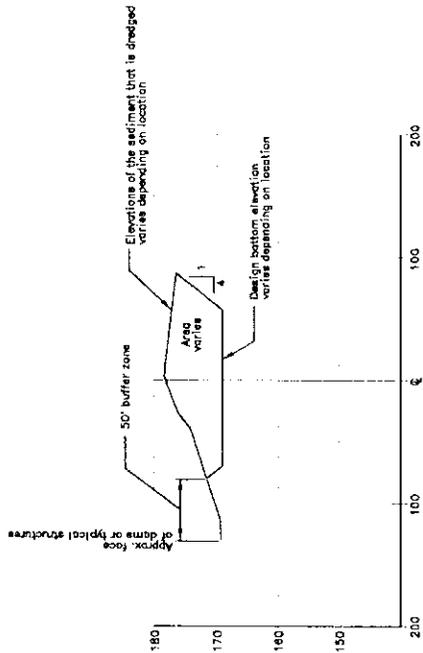


**KEY MAP**  
PLAN  
TYPICAL WASH

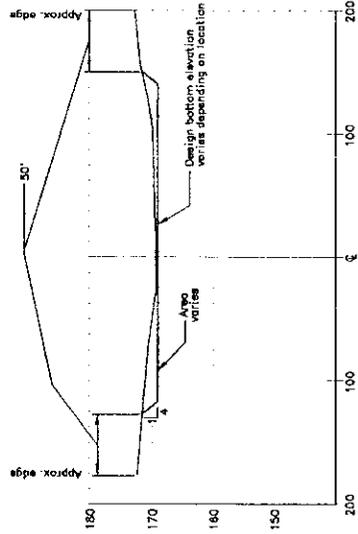
COE Permit #2000-01901-MB  
Regional General Permit 62  
Bureau of Reclamation O&M Acti  
October 30, 2001  
Sheet 5 of 7

<p>Design Engineer: <i>[Signature]</i> Date: <i>[Date]</i></p> <p><b>ALWAYS THINK SAFETY</b></p> <p>Approved by the Director for Construction and Large System Transmission - ARIZONA - CALIFORNIA - NEVADA</p> <p><b>WASH FANS</b></p> <p>TYPICAL SECTIONS PLAN, SECTIONS, AND KEY MAP</p> <p>Scale: 1" = 100' HORIZ. 1" = 10' VERT. SEE SHEET 423-303-2908 FOR DETAILS.</p>	
<p>PROJECT NO. 423-303-2908</p> <p>DATE: 10/30/01</p> <p>BY: <i>[Signature]</i></p> <p>CHECKED BY: <i>[Signature]</i></p>	<p>DATE: 10/30/01</p> <p>BY: <i>[Signature]</i></p> <p>CHECKED BY: <i>[Signature]</i></p>

- NOTES:**
1. All dimensions and quantities vary at each wash.
  2. Disposal sites vary depending on wash locations.
  3. Surveys are required before and after construction.
  4. Size of wash fans shall vary depending on the flows in typical slide washes.
  5. Typical wash fans sediment removal is at 4' below low water elevation.



TYPICAL SECTION AT DAMS



TYPICAL SECTION AT INLET AND OUTLET

SCALES:



HORIZONTAL



VERTICAL

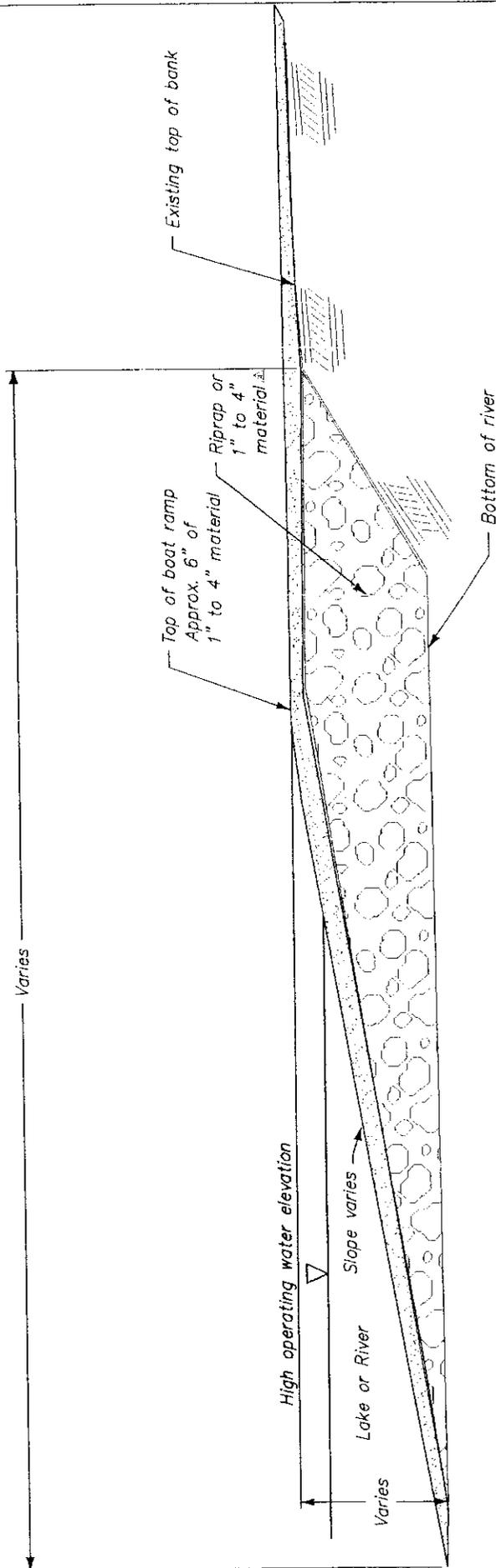
DESIGN CONSULTING ENGINEERS  
 ENVIRONMENTAL DESIGN TEAM CONSULTANTS

**ALWAYS THINK SAFETY**

OPERATIONAL SAFETY  
 BUREAU OF RECLAMATION  
 ALLEGHENY - AFTON - SALTFLATS - AFTON  
 TYPICAL INLET DREDGING  
 DREDGING IN FRONT OF EXISTING INLET STRUCTURES  
 TYPICAL SECTIONS

PROJECT: ...  
 SHEET: ...  
 DATE: ...  
 423-303-2909

1163-301-886



**BOAT RAMP TYPICAL SECTION**  
(NOT TO SCALE)

**NOTES:**

1. Drawing is not to scale.
2. Compaction shall be obtained by bringing the material to optimum moistures and then wheel rolling with heavy equipment or loaded haul trucks.
3. Boat ramps are approx. 30' wide and length will vary.
4. Approx. 1,000 cubic yards of material may need to be removed to shape ramp.
5. Approx. 1,000 cubic yards of clean riprap, and 500 cubic yards of 1" to 4" material will be used for ramp.

DESIGNED BY: L. S. STUBBS (S.E.)	TECH. APPROVAL: W. G. W. (P.E.)
DRAWN BY: L. S. STUBBS (S.E.)	DATE: MARCH 23, 2001
CHECKED BY: W. G. W. (P.E.)	PROJECT NO.: 1163-301-886
DATE AND TIME OF FIELD CHECK: MARCH 23, 2001	SHEET: 7 OF 1
<b>ALWAYS THINK SAFETY</b> BUREAU OF RECLAMATION YUMA AREA OFFICE OPERATIONS AND MAINTENANCE ALL DIVISIONS - ARIZONA, CALIFORNIA, AND NEVADA <b>BOAT RAMP</b> TYPICAL SECTION	