



US Army Corps  
of Engineers®  
Little Rock District

# JOINT PUBLIC NOTICE

CORPS OF ENGINEERS – STATE OF ARKANSAS

Application Number: SWL-2017-00279

Date: December 6, 2017

Comments Due: January 2, 2018

---

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

Point of Contact. If additional information is desired, please contact the regulator, Louis Clarke, telephone number: (870) 886-3610, mailing address: Little Rock District Corps of Engineers, Regulatory Division, PO Box 867, Little Rock, Arkansas 72203-0867, email address: [Louis.E.Clarke@usace.army.mil](mailto:Louis.E.Clarke@usace.army.mil).

Project Information. Pursuant to Section 404 of the Clean Water Act (33 U.S. Code 1344), notice is hereby given that

**Mr. John Mike Bell  
Bell Boys LLC  
PO Box 269  
Marion, Arkansas 72364**

has requested authorization for the placement of dredged and fill material in waters of the United States associated with the re-construction of a lake. The proposed project is located in Booth Creek, in the NW ¼ of section 13, T. 19 N., R. 4 W., east of Hardy, Sharp County, Arkansas.

The basic purpose of the project is for wildlife and a fishing lake. The overall purpose of the project is to re-construct an 18.25-acre lake on Booth Creek.

The proposed project is to repair a breached dam. The levee would be increased one foot in height and result in an increased width of about 25 feet. The breach is approximately 90 feet wide. The dam would inundate approximately 2,890 linear feet of stream.

The previous lake was breached in the early 1980's and it has been in the breached state since that time.

It is requested that a portion of the shoreline be used as mitigation.

The location and general plan for the proposed work are shown on the enclosed sheets.

Water Quality Certification. By copy of this public notice, the applicant is requesting water quality certification from the Arkansas Department of Environmental Quality (ADEQ) in accordance with Section 401(a)(1) of the Clean Water Act. Upon completion of the comment period and a public hearing, if held, a determination relative to water quality certification will be made. Evidence of this water quality certification or waiver of the right to certify must be submitted prior to the issuance of a Corps of Engineers permit.

Cultural Resources. A Corps staff archeologist will review topographic maps, the National Register of Historic Places, and other data on reported sites in the area. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area.

Endangered Species. Our preliminary determination is that the proposed activity will not affect listed Endangered Species or their critical habitat. A copy of this notice is being furnished to the U.S. Fish and Wildlife Service and appropriate state agencies and constitutes a request to those agencies for information on whether any listed or proposed-to-be-listed endangered or threatened species may be present in the area which would be affected by the proposed activity.

Floodplain. We are providing copies of this notice to appropriate floodplain officials in accordance with 44 Code of Federal Regulations (CFR) Part 60 (Floodplain Management Regulations Criteria for Land Management and Use) and Executive Order 11988 on Floodplain Management.

Section 404(b)(1) Guidelines. The evaluation of activities to be authorized under this permit, which involves the discharge of dredged or fill material will include application of guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act. These guidelines are contained in 40 Code of Federal CFR 230.

The Guidelines define water dependency in terms of an activity requiring access or proximity to or siting within a special aquatic site to fulfill its basic project purpose. Special aquatic sites (as defined in 40 CFR 230.40-230.45) are: (1) sanctuaries and refuges; (2) wetlands; (3) mud flats; (4) vegetated shallows; (5) coral reefs; and (6) riffle and pool complexes. Pursuant to these guidelines, the project is water dependent.

Public Involvement. Any interested party is invited to submit to the above-listed POC written comments or objections relative to the proposed work on or before **January 2, 2018**. Substantive comments, both favorable and unfavorable, will be accepted and made a part of the record and will receive full consideration in determining whether this work would be in the public interest. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of

Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request in writing within the comment period specified in this notice that a public hearing be held to consider this application. Requests for public hearings 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.

**NOTE:** The mailing list for this Public Notice is arranged by state and county(s) where the project is located, and 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

Approximate Coordinates of Project Center

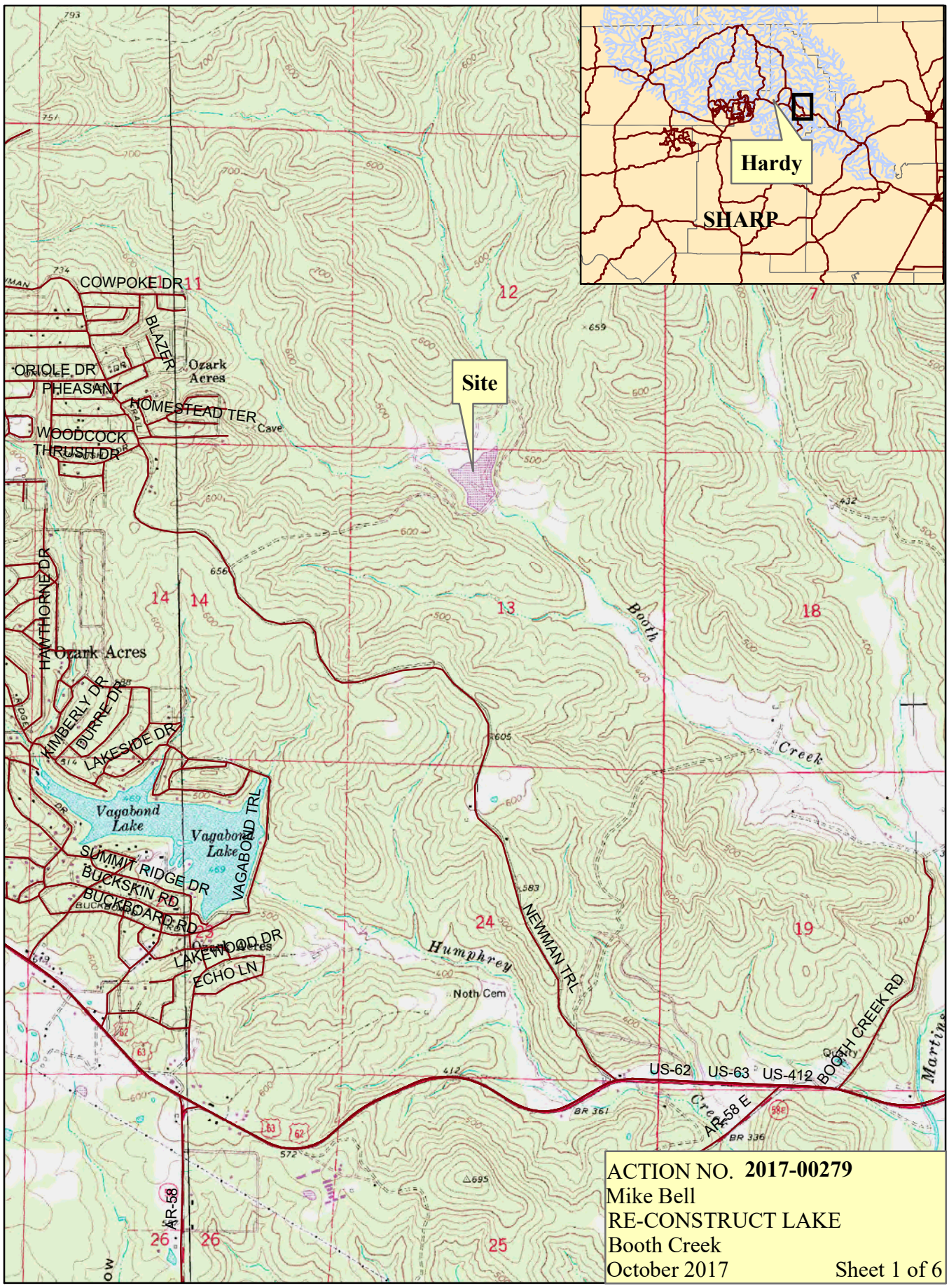
Latitude: **36.303047**

Longitude: **-91.358092**

UTM Zone: **15N** North: **4018812**

East: **647419**





Site

Hardy

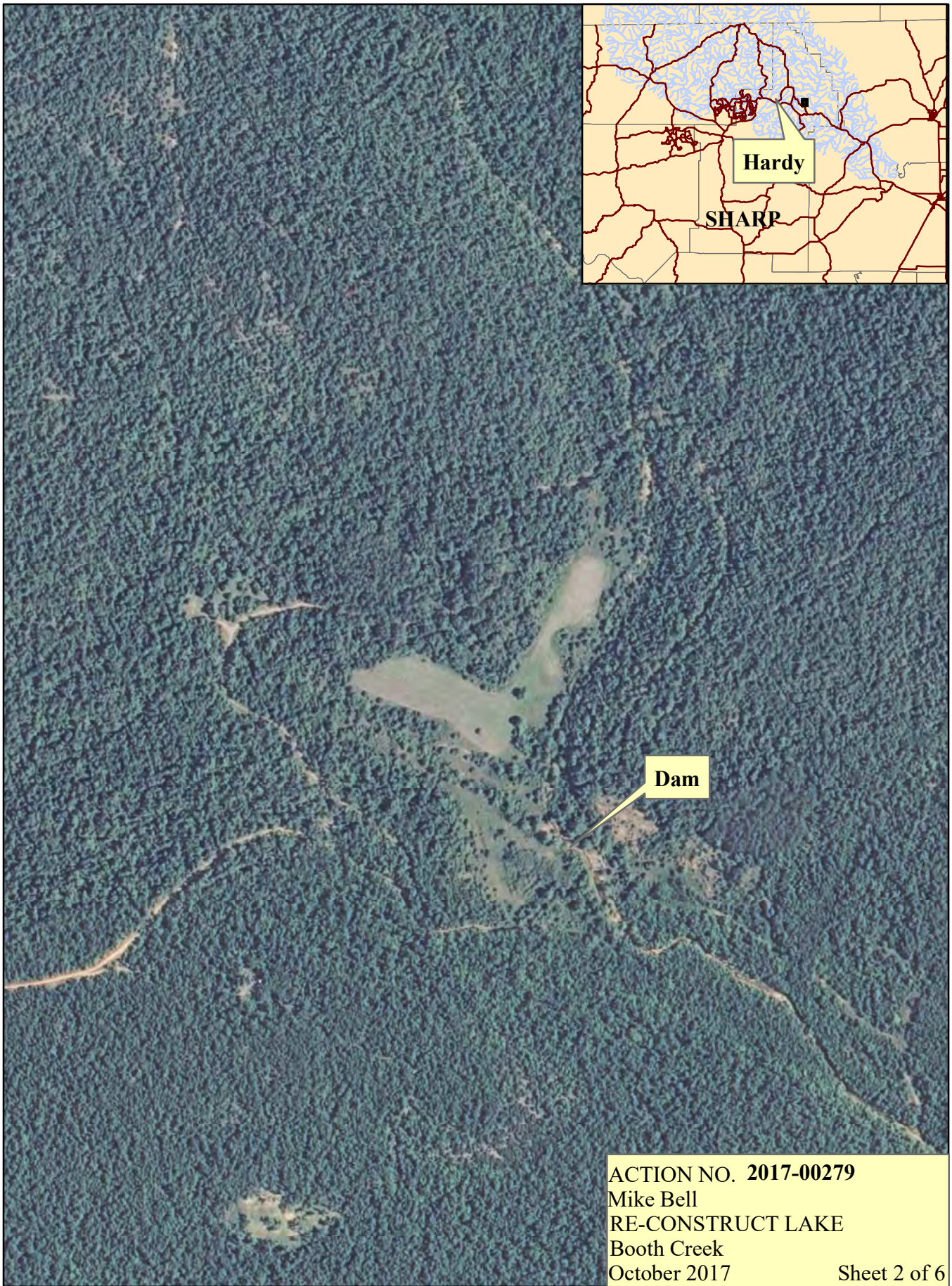
SHARP

**ACTION NO. 2017-00279**  
Mike Bell  
RE-CONSTRUCT LAKE  
Booth Creek  
October 2017  
Sheet 1 of 6

1

1 Miles

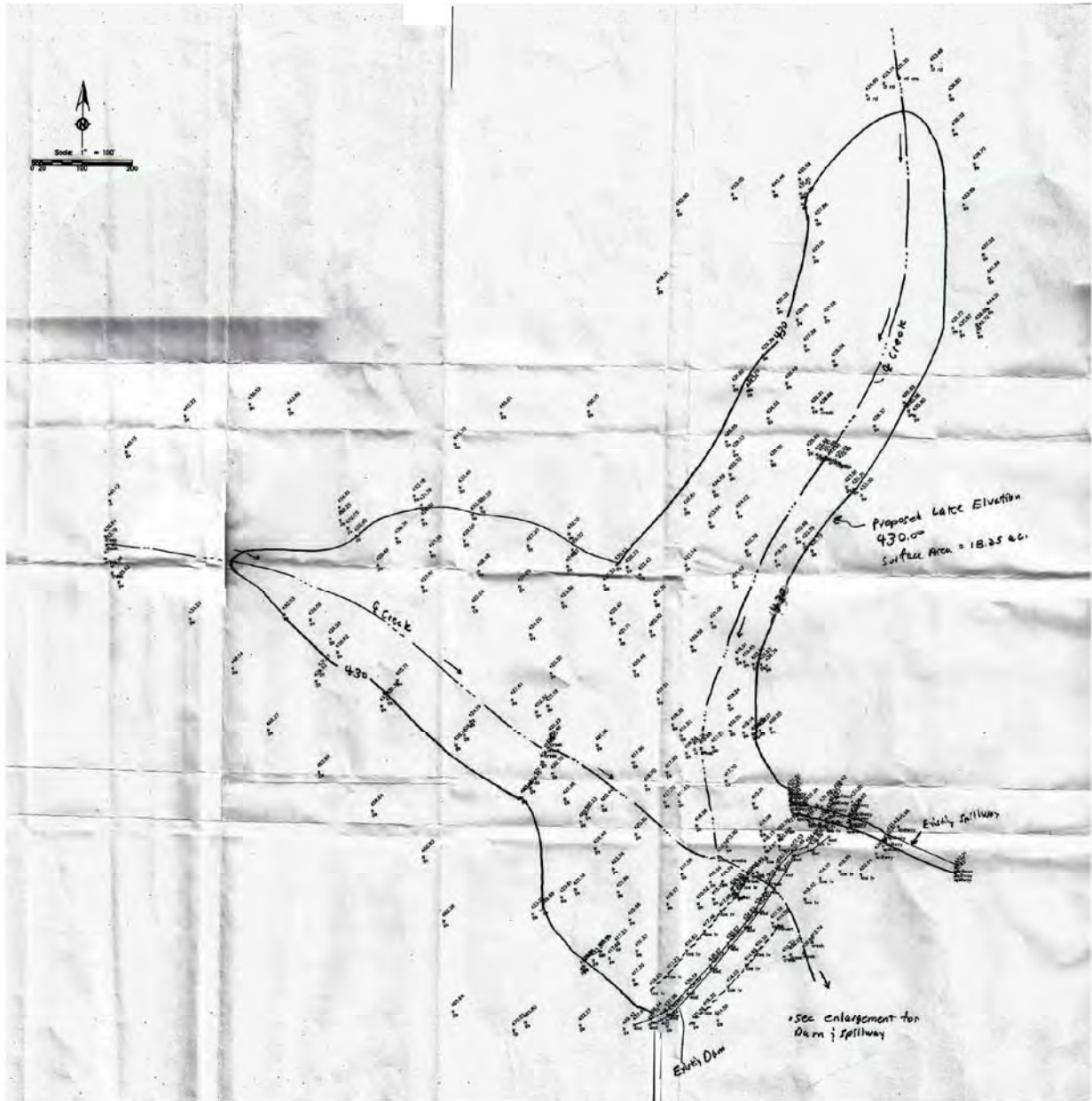




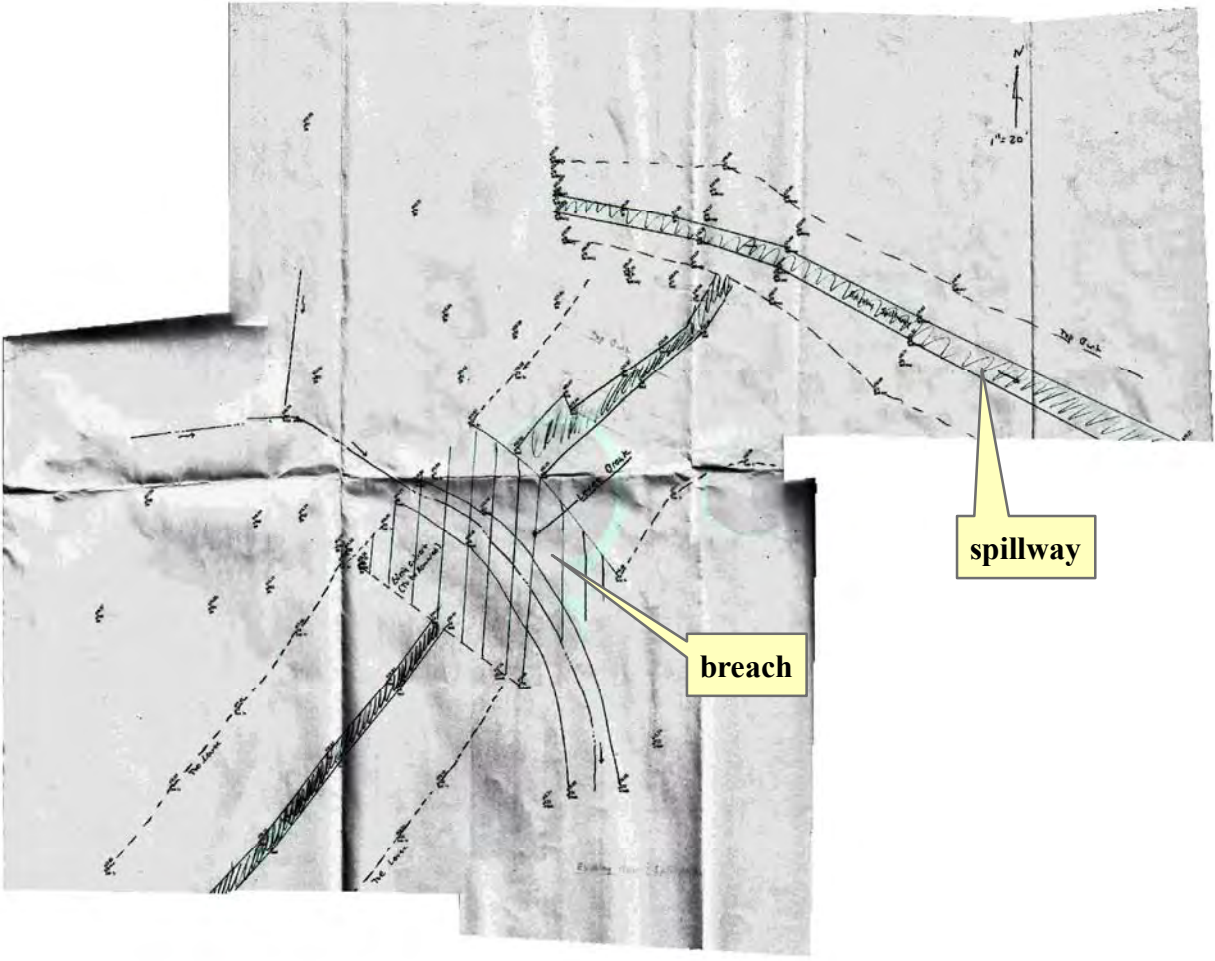
0.2

Miles





ACTION NO. 2017-00279  
Mike Bell  
RE-CONSTRUCT LAKE  
Booth Creek  
October 2017



spillway

breach

ACTION NO. 2017-00279  
Mike Bell  
RE-CONSTRUCT LAKE  
Booth Creek  
October 2017

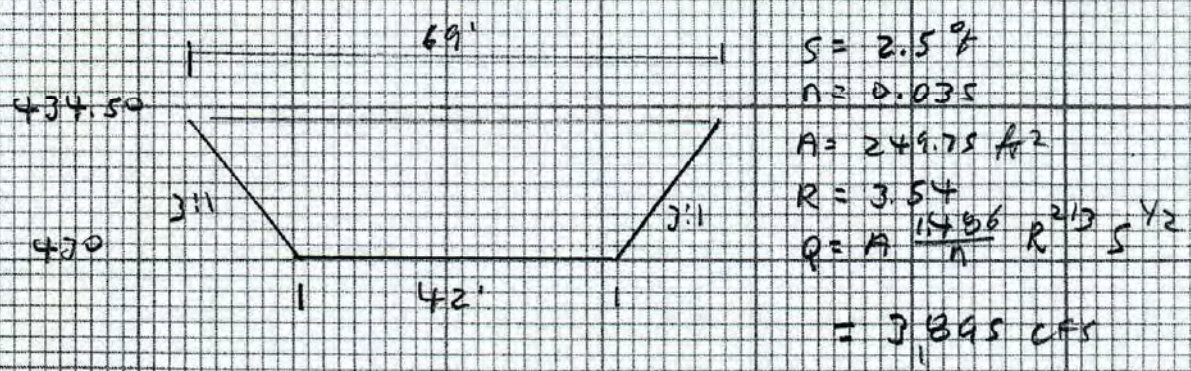


Preliminary Design Calculations

- Drainage Basin: 1,950 acres (See Quad map)
- Max. Hydraulic Length: 13,000 ft
- Avg. slope:  $(760 - 440) / 13,000 = 2.5 \%$
- Time of Concentration:  $1.0078 [L^{0.55}]^{0.77}$   
 $= 47.5 \text{ min}$   
 Use 45 min
- 500 year storm (8.64 in/24 hr)  $I = 4.907 \text{ in/hr}$

• Rational method:  $Q = CIA$        $C = 0.4$   
 $Q = 3,830 \text{ cfs}$

Spillway Design

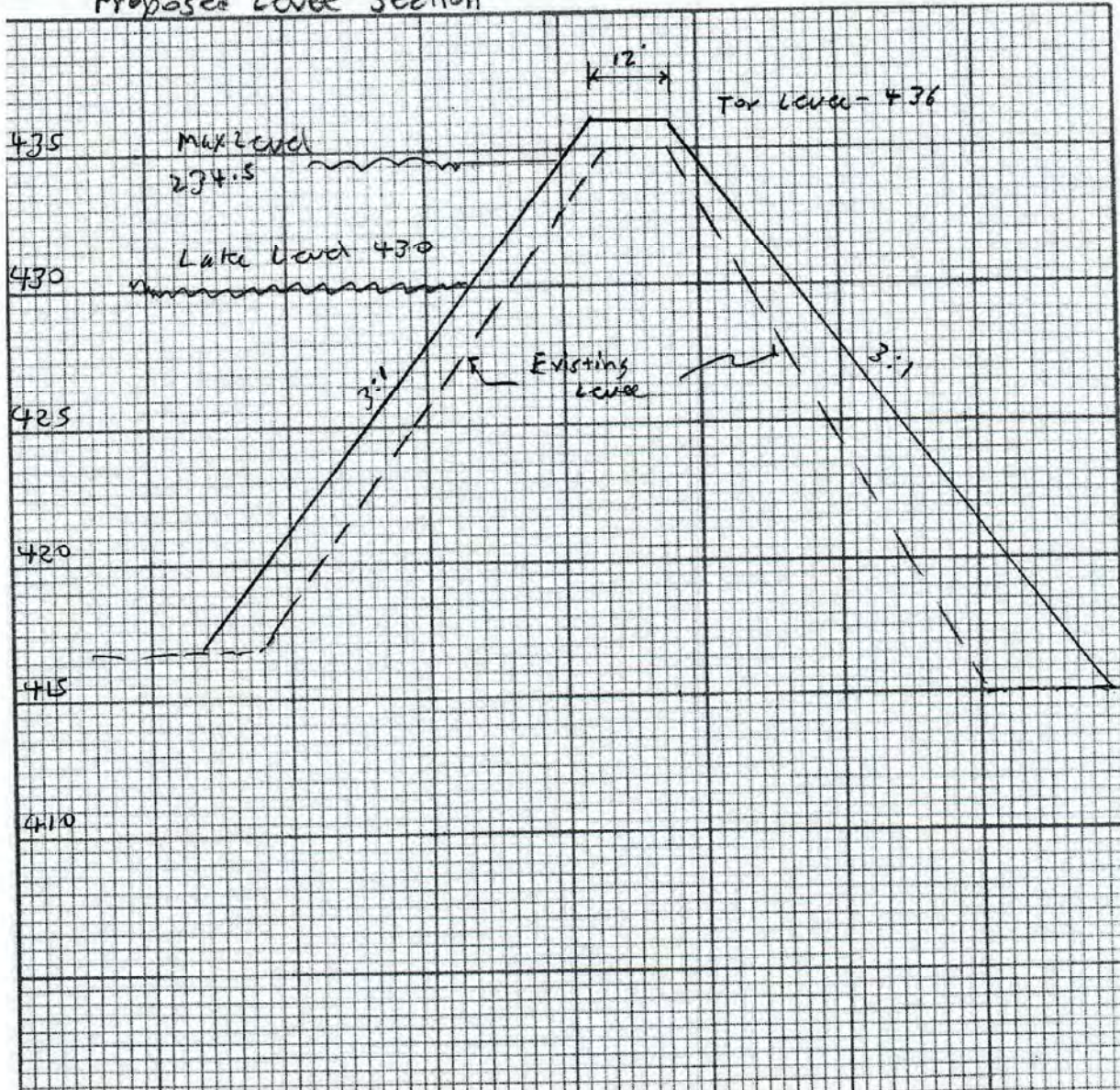




PROJECT Lost Lake

DATE \_\_\_\_\_

### Proposed Levee Section



ACTION NO. 2017-00279  
Mike Bell  
RE-CONSTRUCT LAKE  
Booth Creek  
October 2017