



US Army Corps
of Engineers®
Little Rock District

JOINT PUBLIC NOTICE

CORPS OF ENGINEERS – STATE OF MISSOURI

Application Number: 2017-00028

Date: January 30, 2017

Comments Due: February 20, 2017

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 regulatory project manager, Rocky Presley, telephone number: (501) 340-1390, mailing address: Little Rock District Corps of Engineers, Branson Regulatory Field Office, 4600 Hwy 165, Branson, Missouri 65616, email address: Rocky.L.Presley@usace.army.mil. An electronic copy of Mitigation Plan No. SSTF1010-Christian County can be viewed on the Little Rock District, Regulatory Division webpage at <http://www.swl.usace.army.mil/Missions/Regulatory/PublicNotices.aspx> or a hard copy can be obtained from the Corps of Engineers through the contact information listed above.

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

**Missouri Conservation Heritage Foundation (MCHF)
P.O. Box 366
Jefferson City, Missouri 65102-0366**

proposes to establish Mitigation Plan No. SSTF1010-Christian County, entitled the Kipfer Project. The mitigation plan would be established under MCHF's Stream Stewardship Trust Fund (SSTF) In-lieu Fee Instrument. A draft copy of the mitigation plan has been reviewed by the Interagency Review Team (IRT), which is made up of pertinent state and Federal resource agencies. The project site is on Bull Creek, in sections 5 and 8, T. 25 N., R. 20 W., Christian County, Missouri.

The purposes of the project are to reduce bank erosion, improve channel stability, and protect the forested riparian corridor along Bull Creek. The mitigation project would directly address the resource threats for the Bull Creek Priority Watershed and the specific areas of concern for the White River Ecological Drainage Unit (EDU), such as minimizing sources of eroding soils, restoring and maintaining well-vegetated riparian areas, and restoring in-stream habitats to support aquatic life.

The mitigation project would include bank stabilization along 300 linear feet of eroding bank. The proposed work would involve placement of longitudinal peaked stone to be keyed in the bank with three baffles, and installation of one bendway weir at the downstream end. The project also includes reinforcing three light-equipment stream crossings by installing a one-foot-thick rock blanket across the channel and on the crossing approaches. The improved crossings would limit channel degradation associated with future maintenance. Additionally, the mitigation work would include establishment of forested riparian buffers by planting bare-root seedlings within 2.7 acres along Bull Creek. A perpetual easement would be established for the

property to protect a total of 1.8 miles of stream corridor and 36 acres of forested riparian areas. If approved by the Corps, in consultation with the IRT, the project would provide a total of 15,866 stream mitigation credits.

The project site is located on a fourth-order stretch of Bull Creek about 2.5 miles downstream of the confluence with the West Fork of Bull Creek. The majority of the stream reach in the project area has a well-established riparian corridor planted by the landowners over the last 20 years. The existing plant community is mostly bottomland hardwood forest with a few areas of inadequate buffer consisting of mixed grass pasture. The current erosion area along the left stream bank was previously planted with trees, but the new plantings were eroded during flooding in December 2015. The stream bank has eroded over 80 feet since 2008. The right stream bank through the project area is stable with an exposed bedrock toe and mature riparian corridor.

The project site is located in the headwaters of the Bull Creek Priority Watershed and within an 8-mile section of Bull Creek designated as an Outstanding State Resource Water. The Bull Creek watershed contains a diversity of recorded aquatic species including 45 fish, 6 mussels, and 5 crayfish. Current threats in the watershed include poor riparian corridors and erosion, residential development, a high gravel bed load due to land management activities, and numerous barriers to aquatic organism passage.

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

Water Quality Certification. If authorized, this project would meet the conditions of a nationwide permit, which presently has certification under Section 401 of the Clean Water Act (33 USC 1341) in compliance with applicable effluent limitations and water quality standards. Certification expresses the state's opinion that the discharge will not violate applicable water quality standards.

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 CFR 230.

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 **February 20, 2017**. 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: **36.88047** Longitude: **-93.15561**

UTM Zone: **15N** North: **4081623** East: **486133**

Figure 1. Location of project site in the White River EDU.

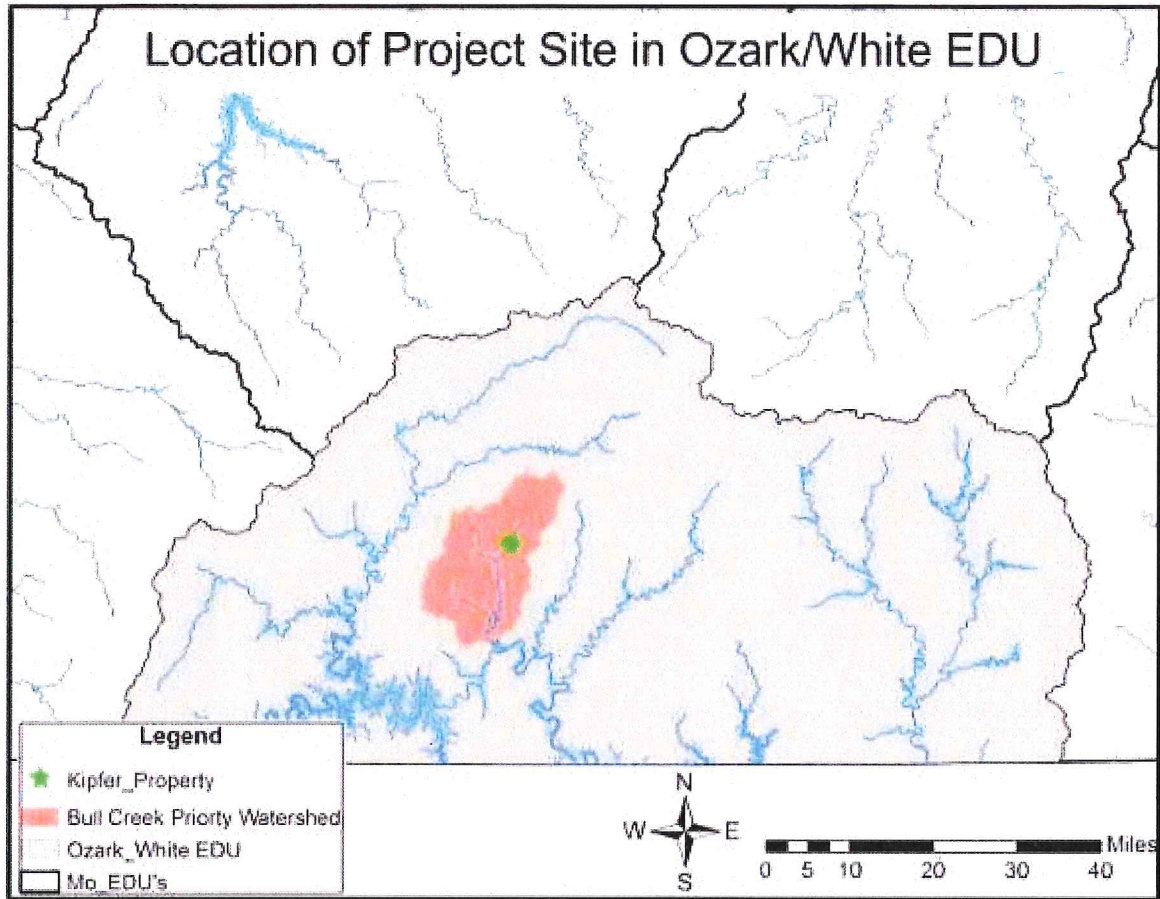


Figure 2. Location of Kipfer Property in southwest Missouri.

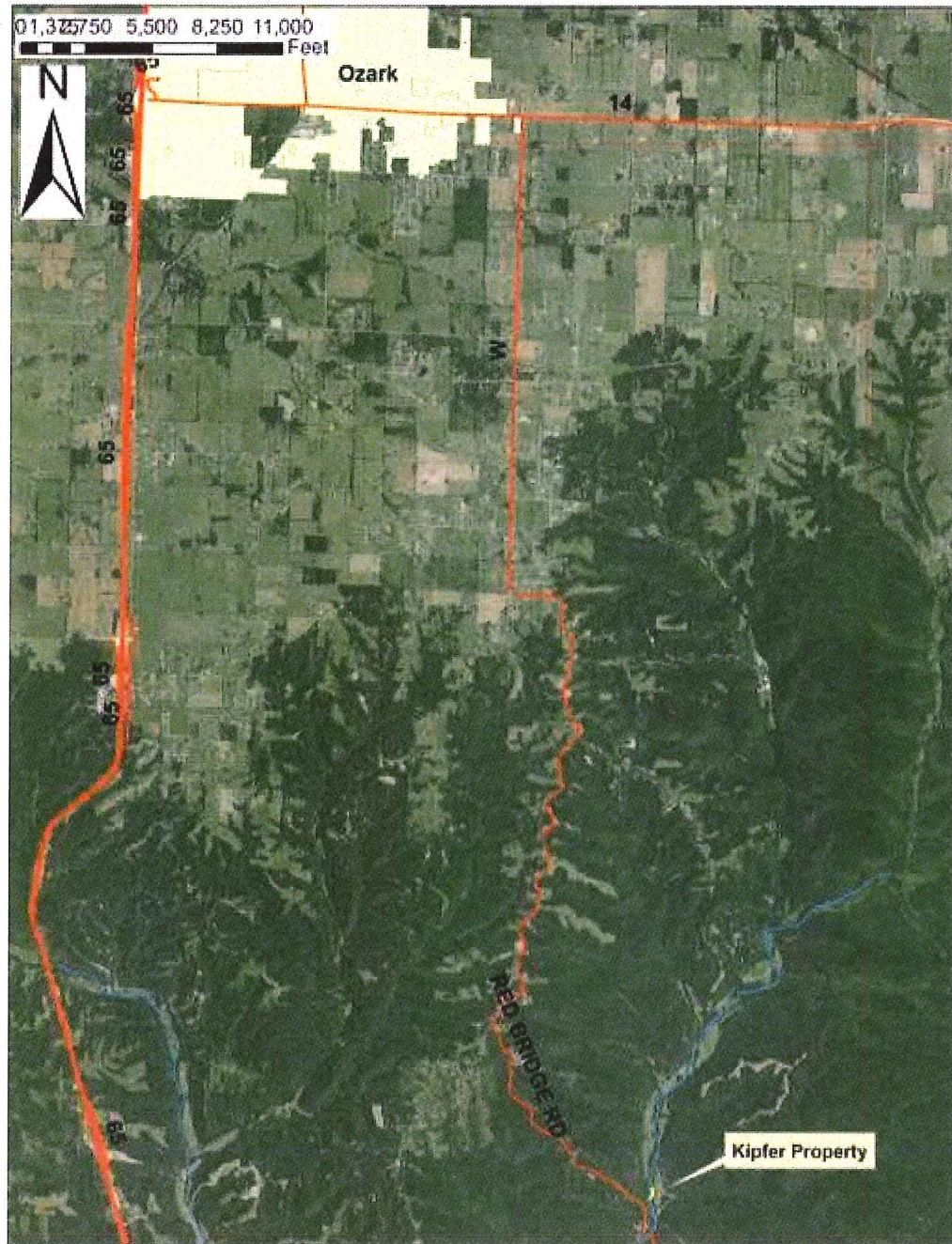


Figure 4. Proposed project components and easement boundaries for Kipfer project. Easement will protect approximately 36 acres of riparian corridor.

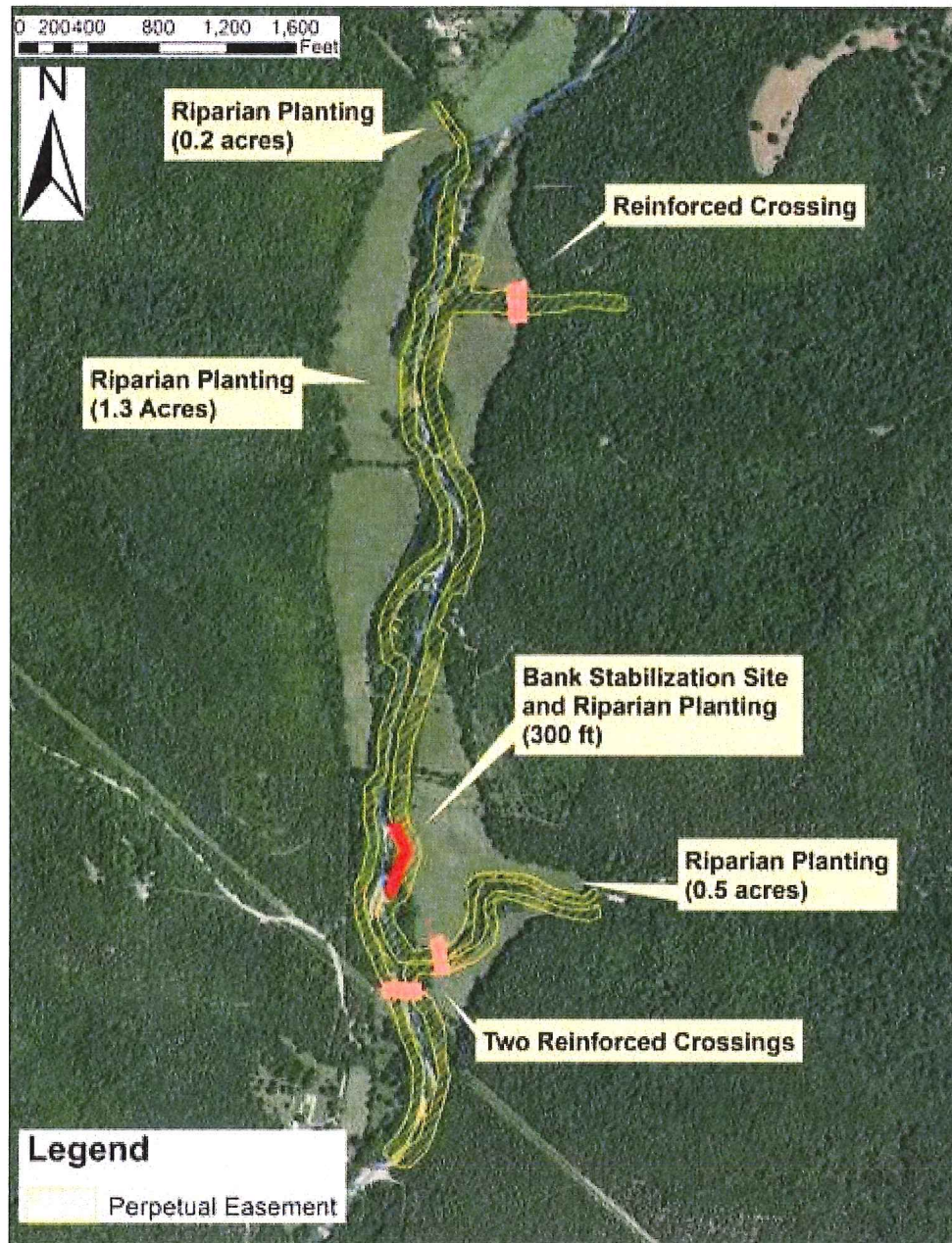
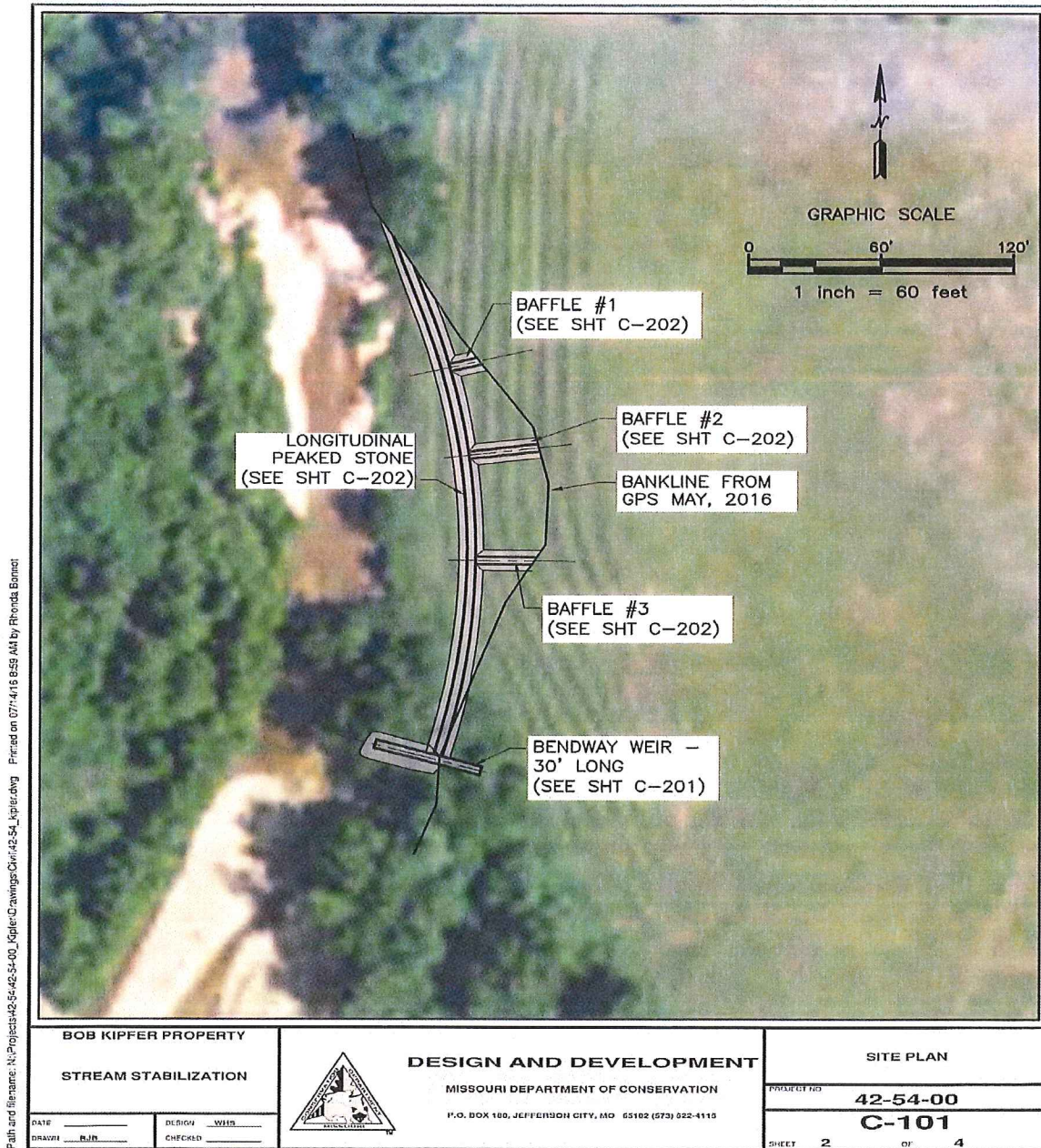


Figure 7. Preliminary engineering design for bank stabilization project.



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Figure 9. Preliminary engineering design for bank stabilization project

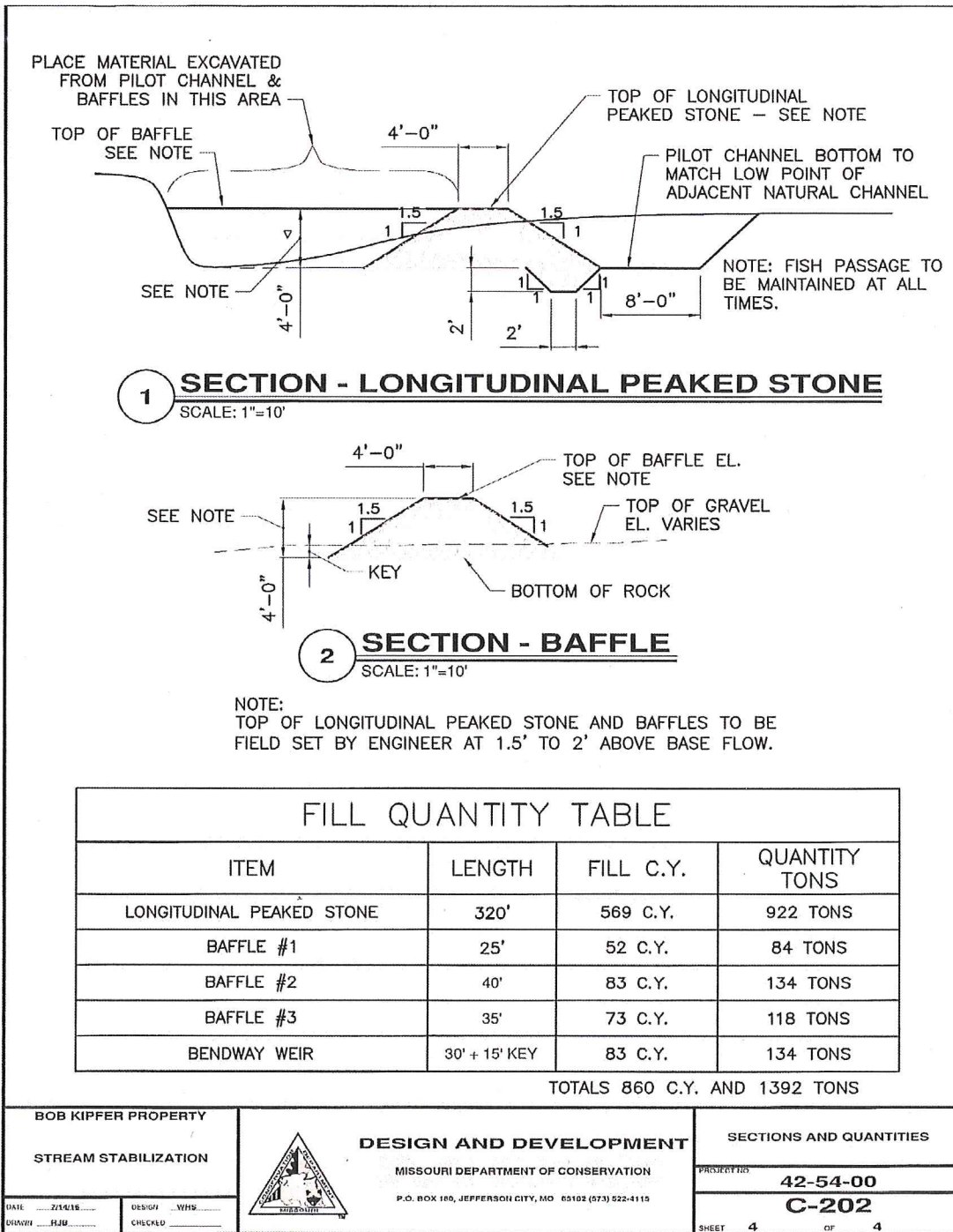
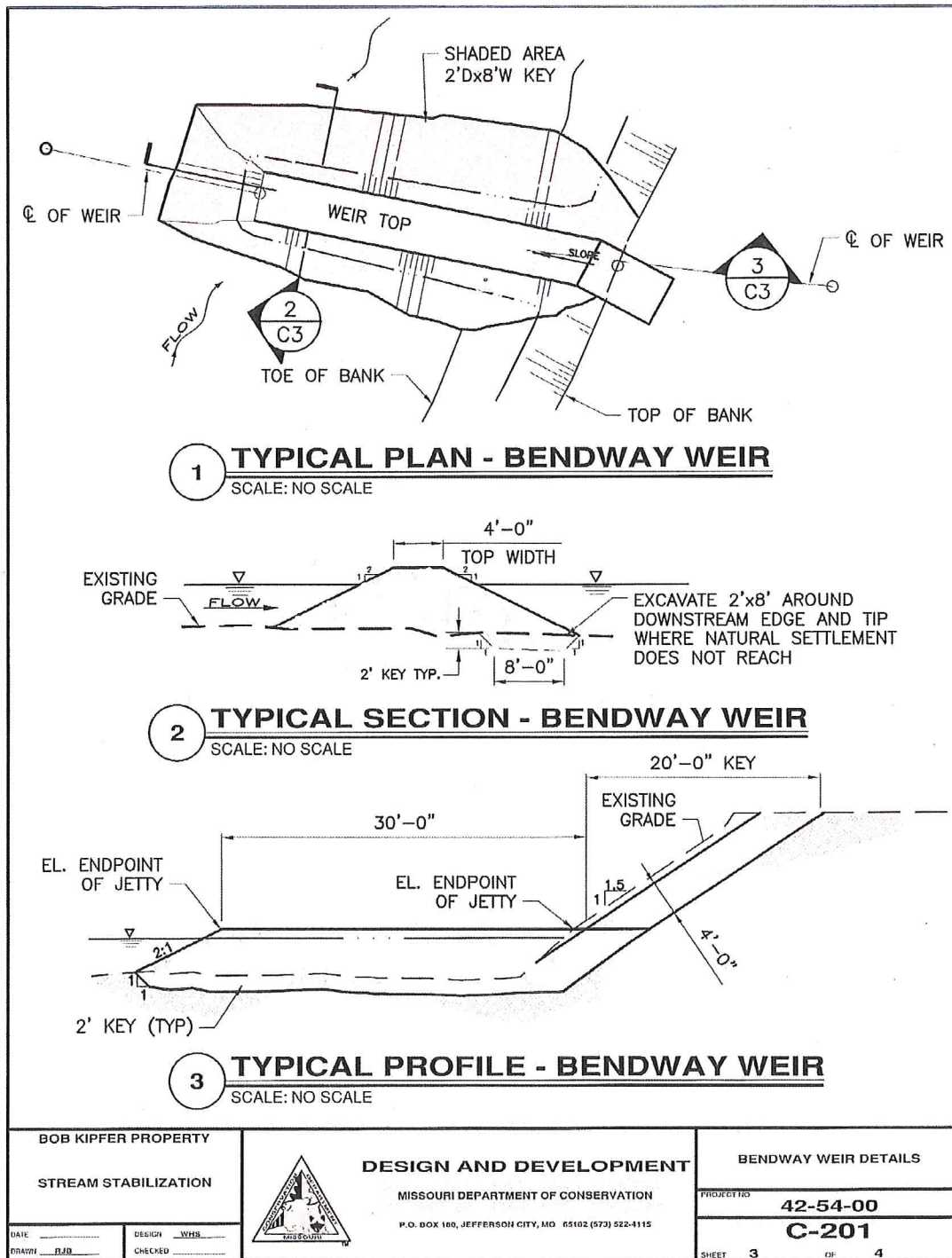


Figure 8. Preliminary engineering design for bank stabilization project

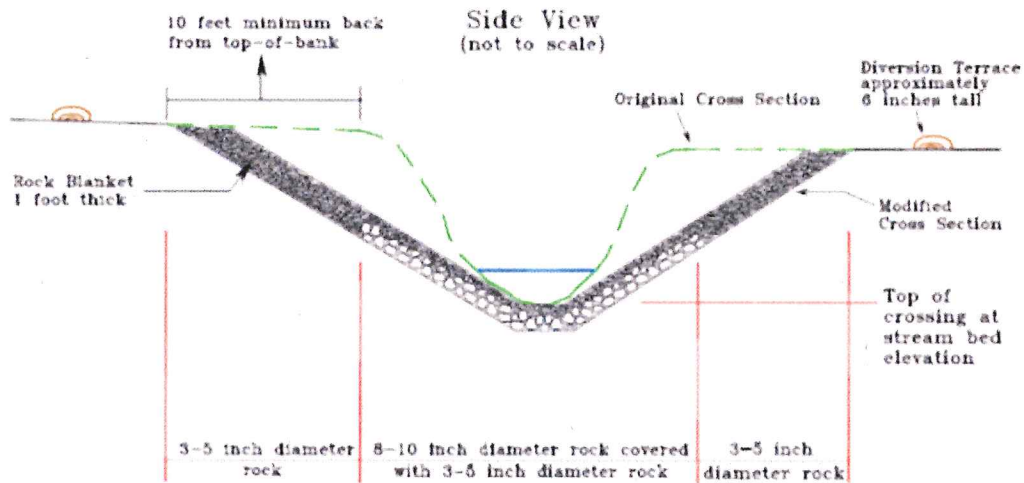


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Figure 10. Preliminary design for reinforced stream crossings

Livestock and Light Equipment Crossing

- Stream bed must be vertically stable. The channel should not be downcutting (no head cuts downstream) or rapidly filling with sediment.
- Stream banks in the vicinity must be stable.
- Landowner should be prepared for sedimentation in the crossing where bank slope has been altered. Frequent clearing of sediment and debris will be necessary.
- Landowner should build 6 inch tall diversions around the crossing to prevent overland flow from eroding the approaches.



NOTE: 6:1 slope for light equipment, 4:1 slope for livestock and ATV's

Walt Halkney and Brian Todd
 Wetland Unit, Fisheries Division
 Missouri Department of Conservation
 July 22, 2002