

PUBLIC NOTICE



**US Army Corps
of Engineers
Kansas City District**

**Permit No. 2009-547
Issue Date: June 13, 2012
Expiration Date: July 5, 2012**

21-Day Notice

JOINT PUBLIC NOTICE: This public notice is issued jointly with the Missouri Department of Natural Resources, Water Pollution Control Program. The Department of Natural Resources will use the comments to this notice in deciding whether to grant Section 401 water quality certification. Commenters are requested to furnish a copy of their comments to the Missouri Department of Natural Resources, P.O. Box 176, Jefferson City, Missouri 65102.

APPLICANT: Macon County Commission
P.O. Box 996
Macon, Missouri 63552

PROJECT LOCATION (As shown on the attached drawings): The proposed project is located in the Chariton River, Emerald Street, Section 28, Township 59 north, Range 16 west, in Macon County, Missouri. (Latitude: 39.8949 – Longitude: -92.6877) ELMER QUAD.

AUTHORITY: Section 404 of the Clean Water Act (33 USC 1344).

ACTIVITY (As shown on the attached drawings): **Proposed:** The applicant proposes to channelize approximately 1,500 linear feet of the Chariton River, through the construction of five (5) bendway weirs and associated riprap, totaling 5,100 cubic yards, for the purpose of bank stabilization and to align the channel with the downstream bridge to protect it from possible failure. Three (3) of the proposed weirs will be placed more than halfway across the Chariton River channel. Additionally, the proposed work includes the partial replacement of the existing 3-span bridge. The east abutment of the bridge will be salvaged and remain in place. The west and central span will be replaced along with the shafts. This will entail lengthening the structure by approximately 30 feet due to the river meandering to the west and ultimately threatening the bridge structure. The work will also include the placement of approximately 769 cubic yards of riprap for bank stabilization under the bridge.

*This proposed project was previously out on Public Notice on May 15, 2009; however the existing Department of the Army (DA) permit expired and therefore the Corps is reissuing this Public Notice. The only change from the previous Public Notice is the partial replacement of the existing bridge and the 769 cubic yards of riprap under the bridge for bank stabilization.

WETLANDS/AQUATIC HABITAT: There are no known wetlands within the proposed project area.

APPLICANT'S STATEMENT OF AVOIDANCE, MINIMIZATION, AND COMPENSATORY MITIGATION FOR UNAVOIDABLE IMPACTS TO AQUATIC RESOURCES:

Statement from Applicant: Avoidance of any impacts to Waters of the US is not feasible due to the potential for bridge failure. The lengths of the proposed weirs are established so the proposed channel is aligned with the existing bridge opening. Shortening the weirs would not direct the water properly and perhaps create erosion. The proposed weirs are only 1.5 feet to 2 feet tall and are expected to be submerged at normal pool. The applicant is not proposing any compensatory mitigation for project impacts.

ADDITIONAL INFORMATION: Additional information about this application may be obtained by contacting Mr. James Reenan, Missouri State Regulatory Office, 221 Bolivar Street, Suite 103, Jefferson City, Missouri 65101, telephone (816) 389-3832 or email at james.s.reenan@usace.army.mil. All comments to this public notice should be directed to the above address.

CULTURAL RESOURCES: Kansas City District will comply with the National Historic Preservation Act of 1966 and 36 CFR 800. We have checked the National Register of Historic Places and the Federal Register and no property listed in the Register or proposed for listing is located in the permit area. This is the extent of our knowledge about historic properties in the permit area at this time. However, we will evaluate input by the State Historic Preservation Officer, Tribal Historic Preservation Officers (or Tribe designated representative) and the public in response to this public notice, and we may conduct or require a reconnaissance survey of the permit area to check for unknown historic properties, if warranted.

ENDANGERED SPECIES: In compliance with the Endangered Species Act, a preliminary determination has been made that the described work will not affect species designated as threatened or endangered or adversely affect critical habitat. In order to complete our evaluation of this activity, comments are solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

FLOODPLAINS: This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this public notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

WATER QUALITY CERTIFICATION: Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of dredged or fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

PUBLIC INTEREST REVIEW: The decision to issue a permit will be based on an evaluation of the probable impact including the 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 benefits 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, esthetics, general environmental concerns, wetlands, cultural values, 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 and, in general, the needs and welfare of the people. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (33 USC 1344). 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 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.

COMMENTS: This notice is provided to outline details of the above-described activity so this District may consider all pertinent comments prior to determining if issuance of a permit would be in the public interest. Any interested party is invited to submit to this office written facts or objections relative to the activity on or before the public notice expiration date. Comments both favorable and unfavorable will be accepted and made a part of the record and will receive full consideration in determining whether it would be in the public interest to issue the Department of the Army permit. Copies of all comments, including names and addresses of commenters, may be provided to the applicant. Comments should be mailed to the address shown on page 2 of this public notice.

PUBLIC HEARING: Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider this application. Such requests shall state, with particularity, the reasons for holding a public hearing.

NOTE: This public notice is posted on the Kansas City District Regulatory web page and can be viewed at the following address:

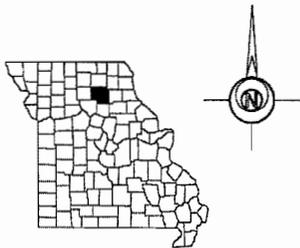
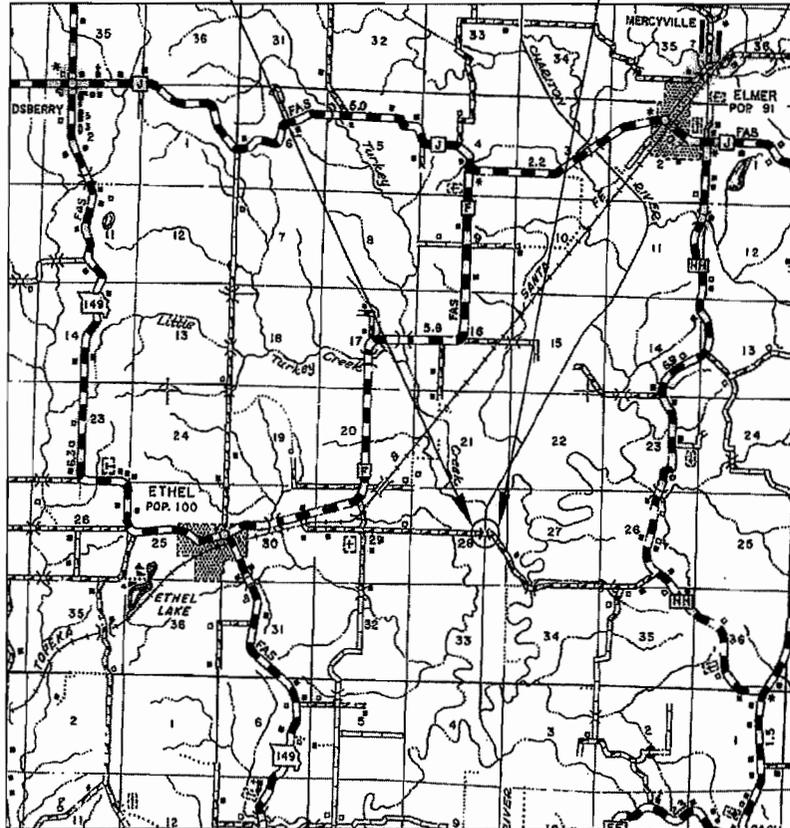
<http://www.nwk.usace.army.mil/regulatory/CurrentPN/currentnotices.htm>

OFF SYSTEM BRIDGE REPLACEMENT PROGRAM COUNTY OF MACON BR0-B061 (27)

BRIDGE NO. 33200201

CHANNEL IMPROVEMENTS
CART ROAD NO. 322

SECTION 28, T59N, R16W



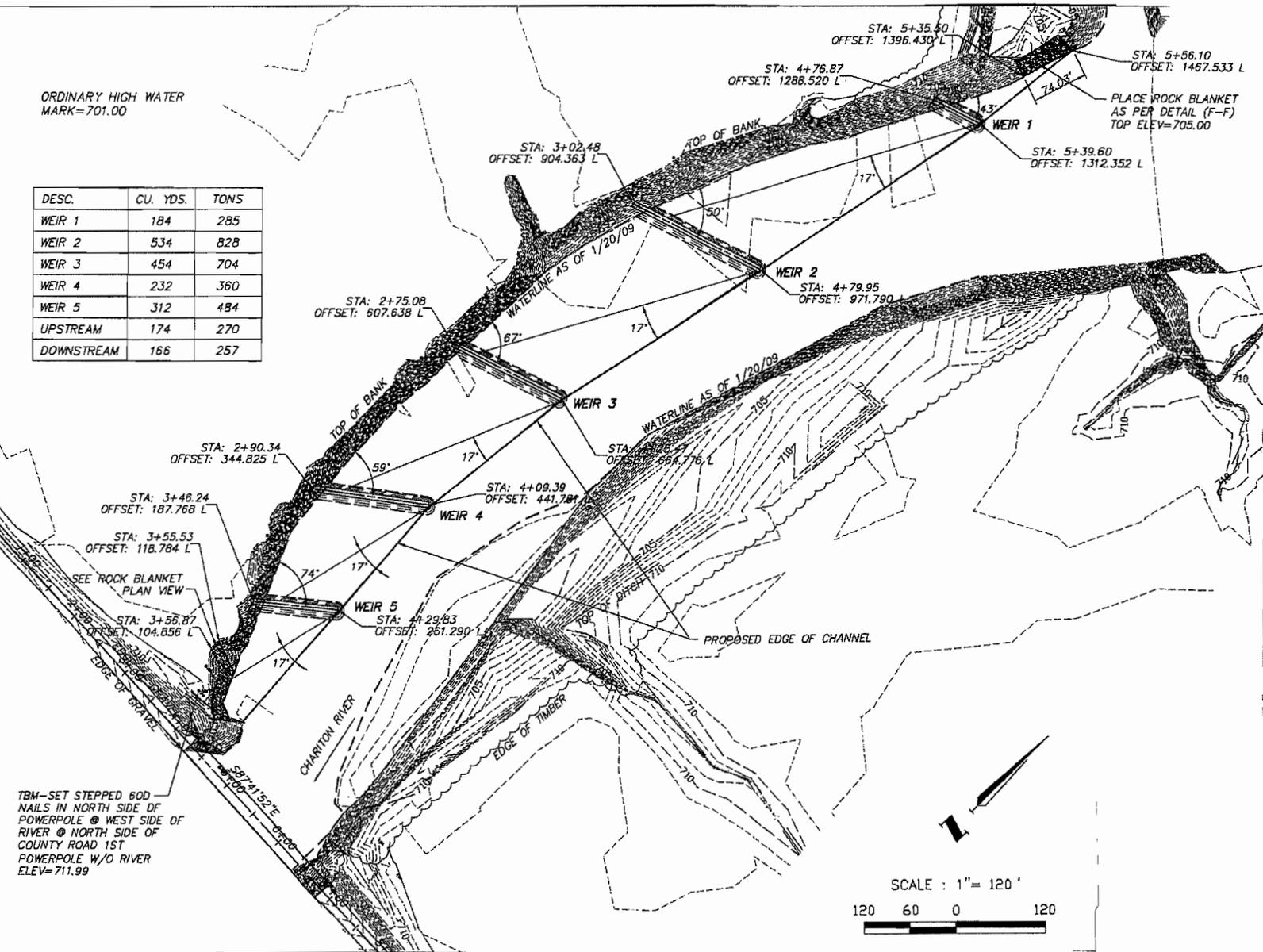
PROJECT VICINITY MAP
SHOWING LOCATION OF COUNTY
(NO SCALE)

NO SCALE
LOCATION MAP

APPLICATION NO. 2009-547
MACON COUNTY COMMISSION
CHANNELIZATION
CHARITON RIVER
MACON COUNTY, MISSOURI
SHEET 1 OF 6
DATED 13 JUNE 2012

ORDINARY HIGH WATER
MARK=701.00

DESC.	CU. YDS.	TONS
WEIR 1	184	285
WEIR 2	534	828
WEIR 3	454	704
WEIR 4	232	360
WEIR 5	312	484
UPSTREAM	174	270
DOWNSTREAM	166	257



TBM-SET STEPPED 60D
NAILS IN NORTH SIDE OF
POWERPOLE @ WEST SIDE OF
RIVER @ NORTH SIDE OF
COUNTY ROAD 1ST
POWERPOLE W/O RIVER
ELEV=711.99

SCALE : 1" = 150'

150 75 0 150



NOTE: PROPERTY LINES AND SECTION LINES SHOWN ON THIS DRAWING ARE BASED ON DEED DESCRIPTIONS AND EXISTING, BUT NOT CONFIRMED EVIDENCE. THIS DOES NOT CONSTITUTE A BOUNDARY SURVEY AND IS SUBJECT TO ANY INACCURACIES THAT A SUBSEQUENT BOUNDARY SURVEY MAY DISCLOSE.

① JACK G. DAVISON AND PHILLIS T. DAVISON
BOOK 661, PAGE 204
W 1/2 NE QUARTER SEC 28 T59N, R16W
TEMP CONST. ESMT (LEFT)=9.89 AC
TEMP CONST. ESMT (RIGHT)=0.00 AC
TOTAL TEMP. CONST. ESMT=1.10 AC
AREA REMAINING LEFT=80.00 AC

Begin Federal Aid Improvements at a Point that Lies 3,454.91' S88° 04' 44"E of the West Quarter Corner of Section 28, T59N, R16W, Macon County, Missouri.

PLACE ROCK BLANKET AS PER DETAIL (F-F) TOP ELEV=705.00

STA: 0+00
OFFSET: 30.00 L
SW4 NE4 SEC 28 T59N, R16W

STA: 2+16.09
OFFSET: 278.52 L
SEE ROCK BLANKET PLAN VIEW

CALVIN G. GALL AND DONNA L. GALL (1/2)
AND LARRY L. GALL AND DORIS GALL (1/2)
BOOK 475, PAGE 333
W 1/2 SE4 OF SEC 28 T59N, R16W

NW4 SE4 SEC 28 T59N, R16W

TBM - SET STEPPED 660 NAILS IN NORTH SIDE OF POWERPOLE @ WEST SIDE OF RIVER @ NORTH SIDE OF COUNTY ROAD 1ST POWERPOLE W/D RIVER ELEV=711.99

RAYMOND BUSTER AND BETTY LOU BUSTER
BOOK 773, PAGE 440
E1/2 OF NE4 OF SEC 28 T59N, R16W

NE4 SE4 SEC 28 T59N, R16W

P.C. 9+31.50
E.O. 94-31.50
E.V.A. 94-31.50

STA: 9+31.50
OFFSET: 70.98 L

W. RAYMOND BUSTER AND BETTY LOU BUSTER
BOOK 773, PAGE 440
E1/2 OF NE4 OF SEC 28 T59N, R16W

SE4 NE4 SEC 28 T59N, R16W

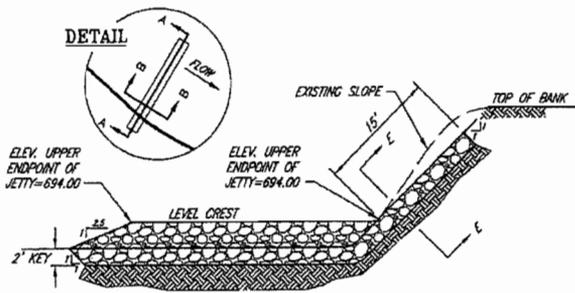
End Federal Aid Improvements at a Point that Lies 4,386.40' S87° 59' 53"E of the West Quarter Corner of Section 28, T59N, R16W, Macon County, Missouri.

② W. RAYMOND BUSTER AND BETTY LOU BUSTER
BOOK 773, PAGE 440
E1/2 OF NE4 OF SEC 28 T59N, R16W
TEMP CONST. ESMT (LEFT)=8.46 AC
TEMP CONST. ESMT (RIGHT)=0.00 AC
TOTAL TEMP. CONST. ESMT=1.10 AC
AREA REMAINING LEFT=240.0 AC

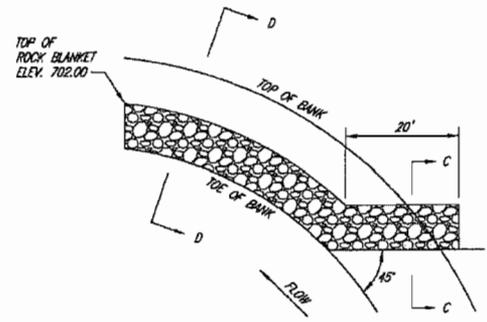
TOTAL CONSTRUCTION AREA=4.4 AC

LAND SURVEY MONUMENT: The West Quarter Corner of S28, T59N, R16W, Macon County, Missouri; said Point Lying 3,454.91' N88° 04' 44"W of Construction Centerline Station 0+00.00. Witnessed by Matthew Gary Winkler, PLS #2007017974. Filed for Record in Book 6, at Page 84, Macon County, Missouri.

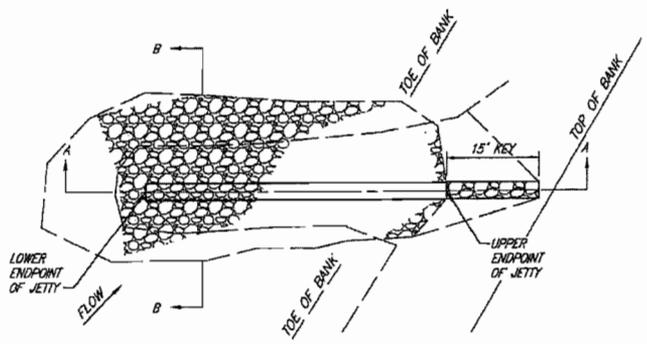
APPLICATION NO. 2009-547
MACON COUNTY COMMISSION
CHANNELIZATION
CHARITON RIVER
MACON COUNTY, MISSOURI
SHEET 3 OF 6
DATED 13 JUNE 2012



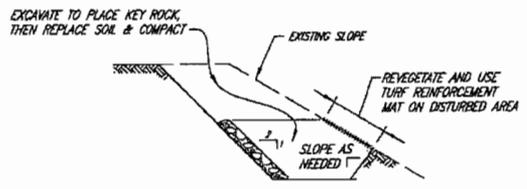
SECTION A-A
NO SCALE



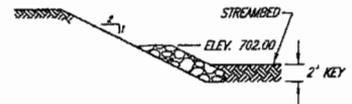
ROCK BLANKET PLAN VIEW
NO SCALE



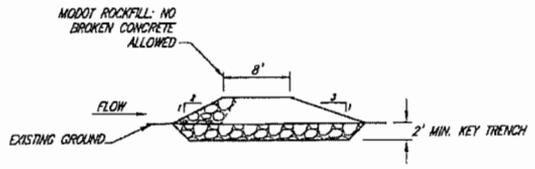
PLAN VIEW
NO SCALE



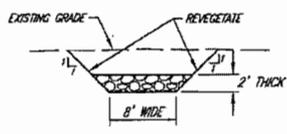
SECTION C-C
NO SCALE



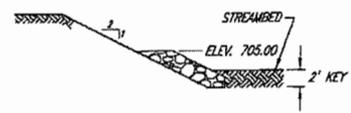
SECTION D-D
NO SCALE



SECTION B-B
NO SCALE



SECTION E-E
NO SCALE

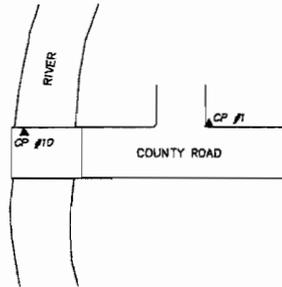


SECTION F-F
NO SCALE

APPLICATION NO. 2009-547
 MACON COUNTY COMMISSION
 CHANNELIZATION
 CHARITON RIVER
 MACON COUNTY, MISSOURI
 SHEET 4 OF 6
 DATED 13 JUNE 2012

CP #10

SET $\frac{3}{8}$ " IRON BAR @ FIELD
ENTRANCE EAST OF BRIDGE
ON EAST SIDE OF FIELD
ENTRANCE AND NORTH SIDE
OF COUNTY ROAD.



CP #1

SET CHISLED 'X' @ SOUTH
DRAIN FROM WEST TO EAST
2' SOUTH OF GUARD RAIL
@ NORTH SIDE OF ROAD.

CP #11

EXISTING $\frac{3}{8}$ " IRON BAR @ C
COUNTY ROAD 100' WEST OF
2ND POWERPOLE FROM BRIDGE
427' WEST OF BRIDGE

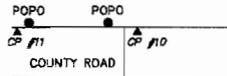


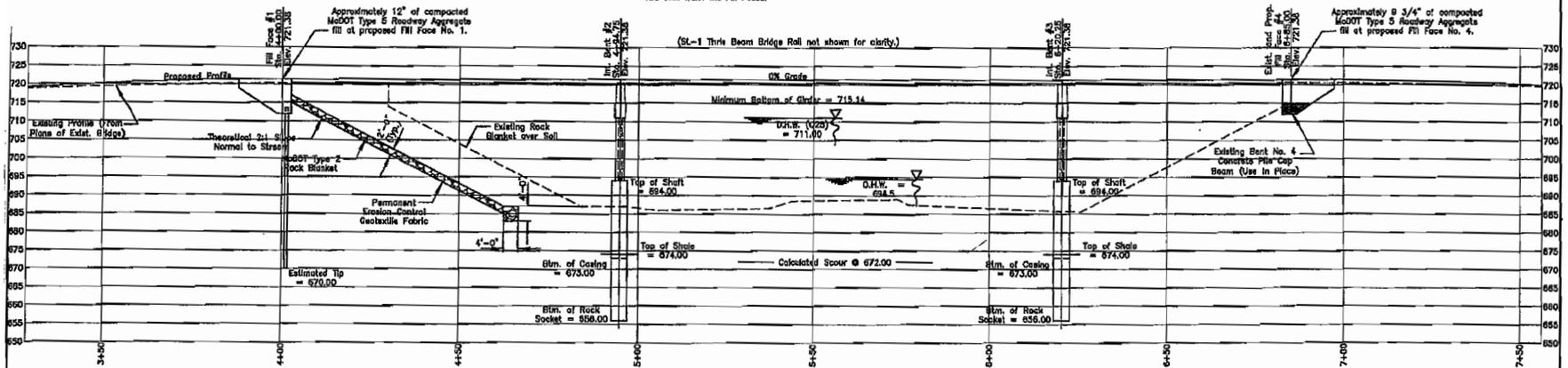
TABLE OF CONTROL POINT COORDINATES			
NORTHING	EASTING	ELEVATION	DESCRIPTION
10000.00	10000.00	712.77	CP 1
10017.75	9543.94	720.34	CP 10
10027.99	9087.64	712.92	CP 11
10068.41	9453.19	711.99	TBM

APPLICATION NO. 2009-547
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CHANNELIZATION
CHARITON RIVER
MACON COUNTY, MISSOURI
SHEET 5 OF 6
DATED 13 JUNE 2012

(94.75' - 125.50' - 64.75' SPANS) NU63 (1600) PRESTRESSED CONCRETE GIRDERS

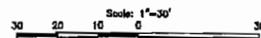
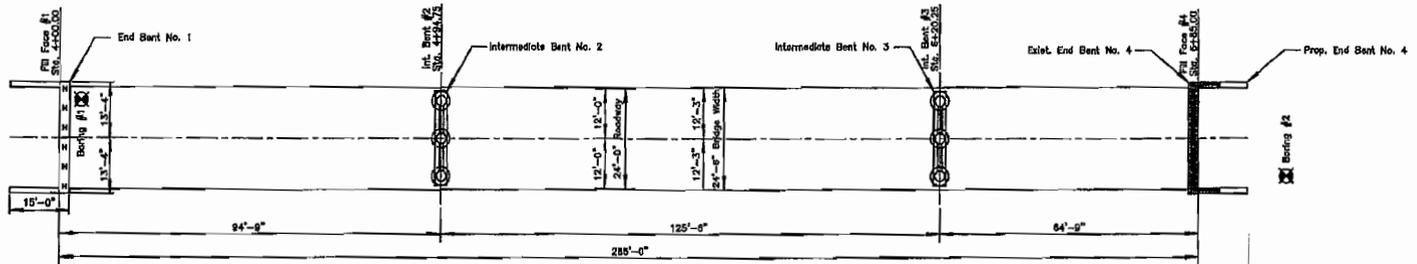
Contractor shall excavate and remove from site all material on the west bank down to the bottom of the proposed Type 2 Rock Blanket. No measurement nor direct payment will be made to meet this requirement, subsidiary to the line item "Excavation for Structure".

Contractor shall furnish, install and compact MGDOT Type 5 crushed slope roadway aggregate fill on both bridge approaches up to the proposed roadway grade elevation, including the current roadway width and blending to the existing profile grade at approximately 100 feet from the Fill Faces.



Contractor shall install Erosion Control Geotextile Fabric and MGDOT Type 2 Rock Blanket on the westerly river bank upstream for a distance of 50 feet from the roadway centerline, to border the proposed Rock Blanket on the downstream end of the pier structure, and downstream for a distance of 50 feet from the roadway centerline of the proposed bridge.

NOTICE: The existing profile as shown between the existing front faces below the existing bridge is taken from the August, 1984 original drawings of the existing bridge and should be considered as only approximate and for reference only. The actual centerline profile is expected to be different than shown. Contractor shall field verify the true existing centerline profile.



☒ Indicates location of Borings. For Boring Data see Sheet 4.