

PUBLIC NOTICE



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

**Permit No. NWK-2015-1854
Issue Date: September 2, 2015
Expiration Date: October 2, 2015**

30-Day Notice

**Notice of Proposed Adverse Effects
to Southeast Stone Arch Bridge
Wabaunsee County, Kansas**

The Kansas City District will comply with the National Historic Preservation Act (NHPA) of 1966 and 36 CFR 800. The purpose of this public notice is to provide the public an opportunity to comment on proposed adverse effects to the Southeast Stone Arch Bridge. The Southeast Stone Arch Bridge is a stone masonry arch structure constructed in 1937-1938 and is listed on the National Register of Historic Places. The proposed activity would replace the existing bridge with a new bridge (as shown in Attachment Sheets 1 through 3) and is eligible for Nationwide Permit (NWP) 3 authorization; however, in accordance with NWP General Condition 20, the provisions of 33 CFR Part 325, Appendix C and Section 106 of the NHPA, the U.S. Army Corps of Engineers (Corps) is seeking ways to avoid, minimize and mitigate adverse effects. The Corps is currently consulting with the Kansas State Historic Preservation Officer and applicant in the development of a Memorandum of Agreement that would address this proposed project, as well as, the replacement of the East Stone Arch Bridge (Corps identification No. NWK-2015-1256). As such, the Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties. All comments to this public notice should be related to the proposed adverse effects to the Southeast Stone Arch Bridge. Additional information about this project may be obtained by contacting **Matthew J. Mikulecky, U.S. Army Corps of Engineers, Kanopolis Regulatory Field Office, 107 Riverside Drive, Marquette, Kansas 67464, telephone 816-389-3027 (FAX 785-546-2050) or via email at matthew.j.mikulecky@usace.army.mil**. Comments should be directed to the above address.

APPLICANT: Wabaunsee County
215 Kansas
Alma, Kansas 66401

PROJECT LOCATION (As shown on the attached location map): The project is located in and across Lake Wabaunsee, in Sections 9 and 10, Township 14 south, Range 11 east, Wabaunsee County, Kansas.
(Latitude: 38.853402 --- Longitude: -96.187409).

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

ACTIVITY: The applicant proposes to replace a triple, 7-foot span stone masonry arch bridge with a new 30-foot by 18-foot by 132-foot horizontal elliptical galvanized steel pipe bridge in and across Lake Wabaunsee. The activity is authorized by NWP 3 pending consultation under Section 106 of the NHPA of 1966 (amended 1992).

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.

PROJECT LOCATION

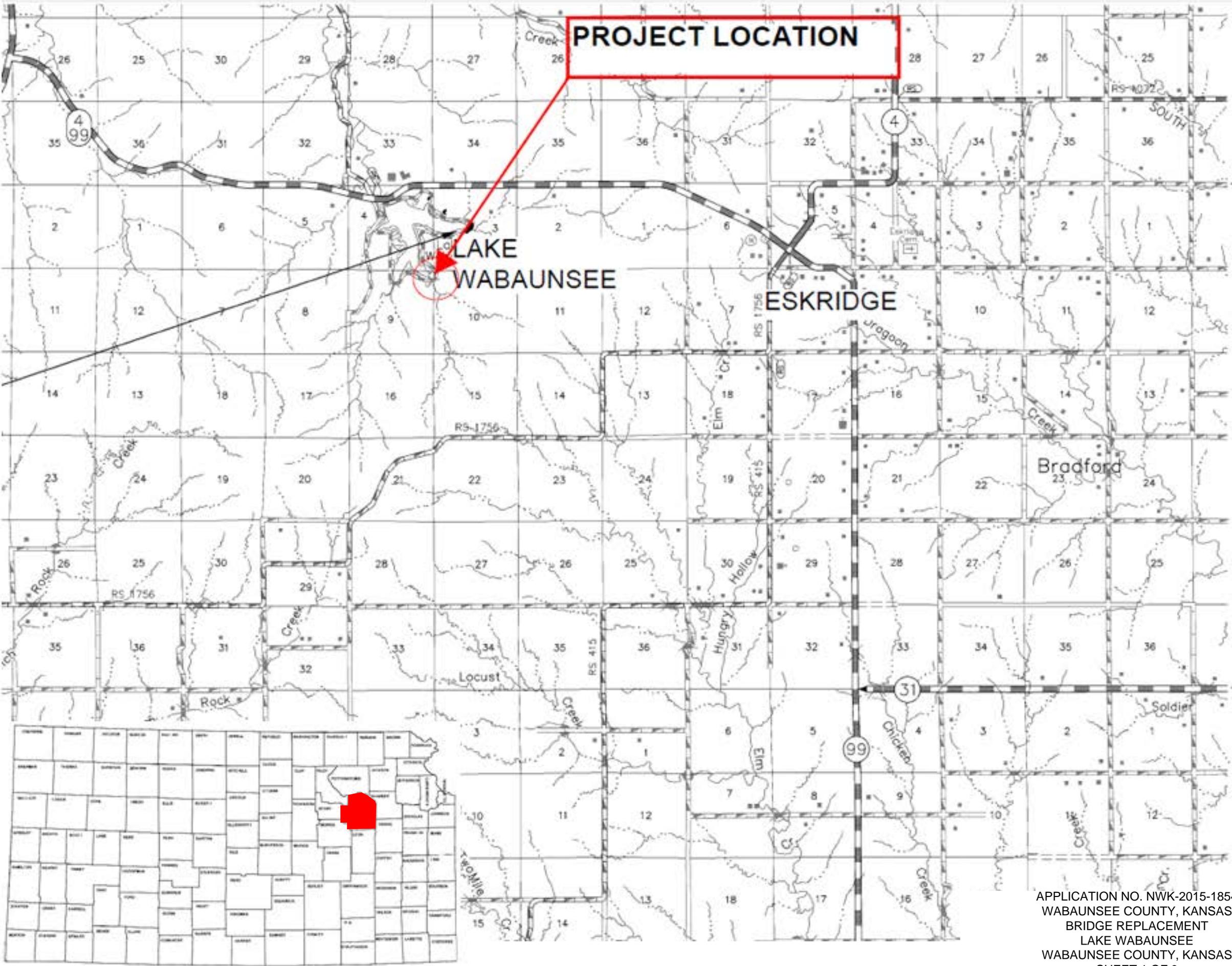
**LAKE
WABAUNSEE**

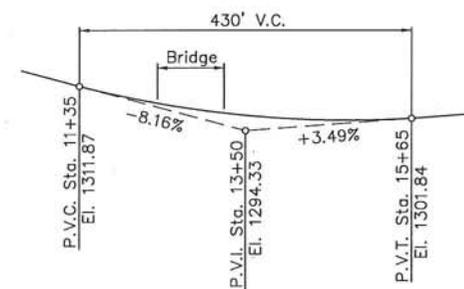
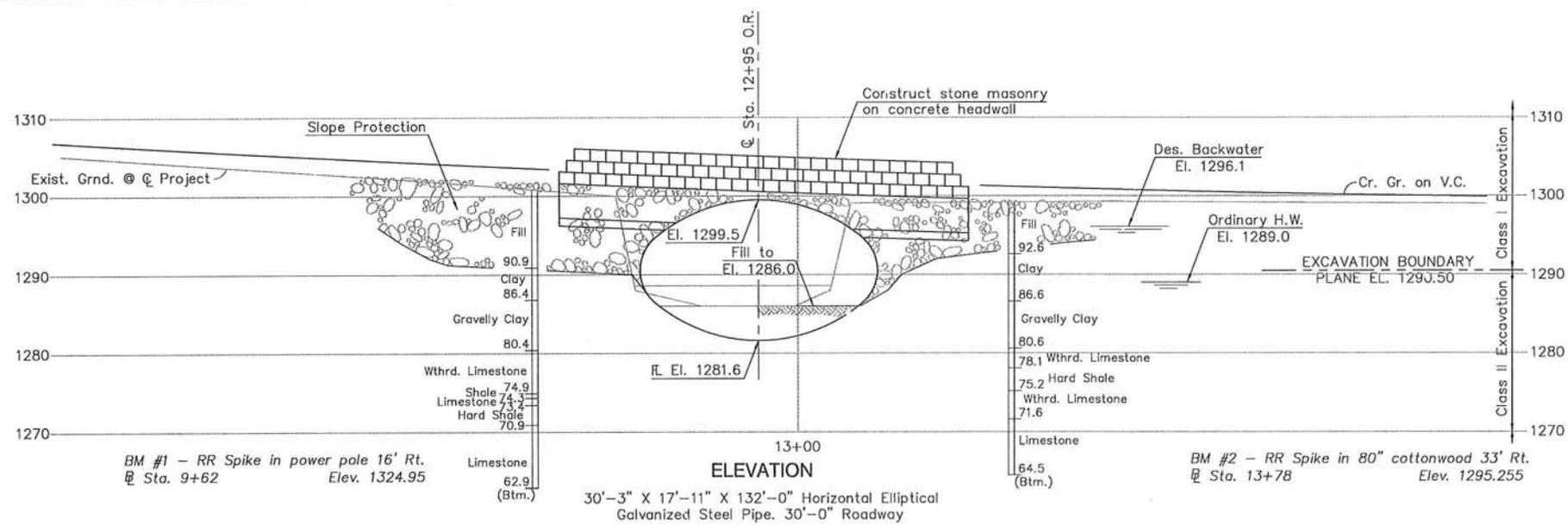
ESKRIDGE

Bradford

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WATER RESOURCES RECEIVED

AUG 17 2015

KS DEPT OF AGRICULTURE

DESIGN DATA

DESIGN SPECIFICATIONS: AASHTO BRIDGE DESIGN SPECIFICATIONS, 2007 EDITION WITH APPROPRIATE INTERIM SPECIFICATIONS. LOAD AND RESISTANCE FACTOR DESIGN. DESIGN LOADING HL93.

CONSTRUCTION SPECIFICATIONS: KANSAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION, 2015 EDITION AND SPECIAL PROVISIONS.

GENERAL NOTES

SLOPE PROTECTION: PLACE SLOPE PROTECTION (RIPRAP STONE) (18") AND SLOPE PROTECTION (AGGREGATE) (6") TO THE LIMITS SHOWN.

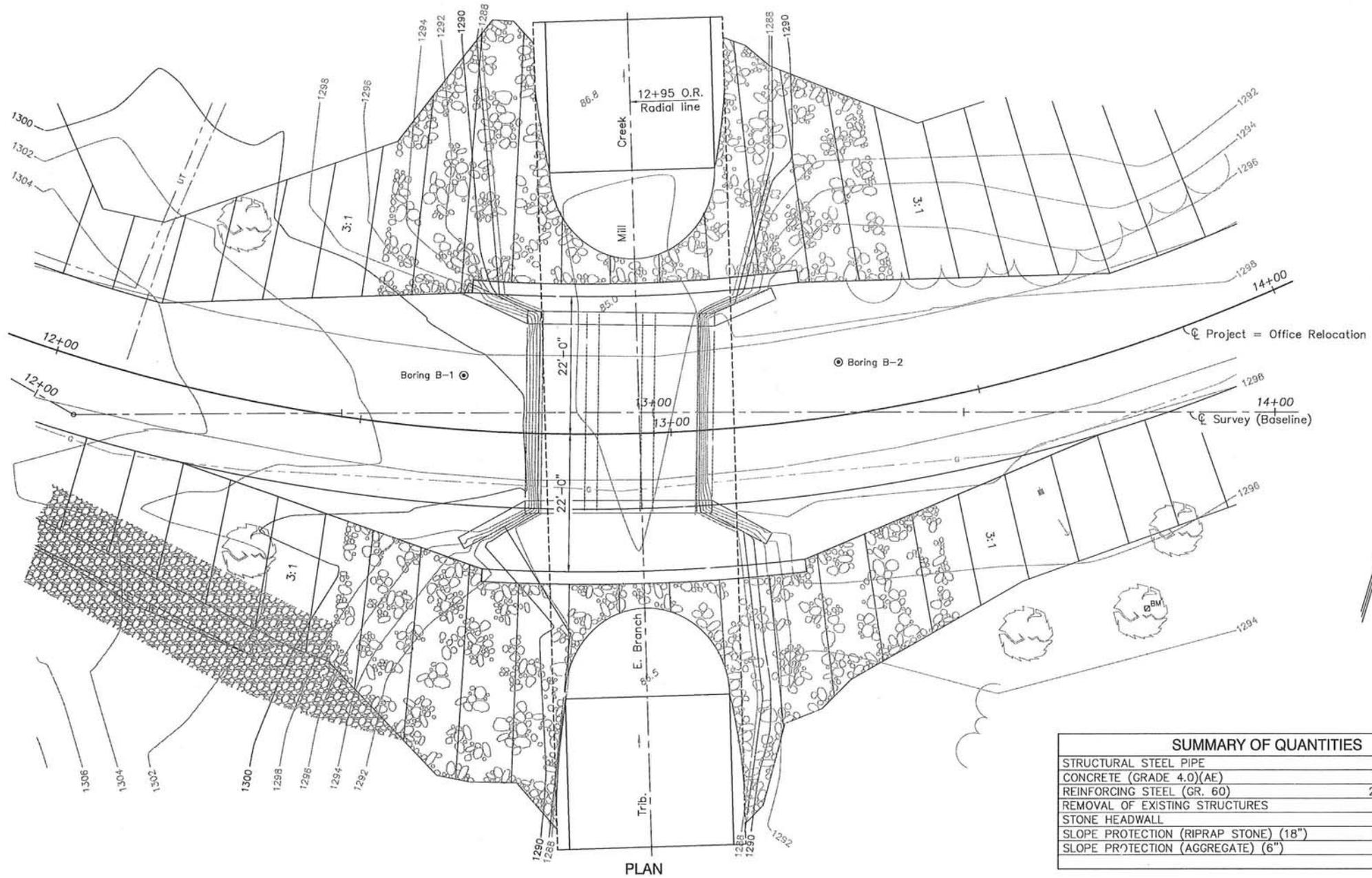
REMOVAL OF EXISTING STRUCTURE: REMOVAL OF EXISTING STRUCTURE IS INCLUDED IN THE BID ITEM "REMOVAL OF EXISTING STRUCTURES", LUMP SUM. CONTRACTOR SHALL SALVAGE ENOUGH OF THE EXISTING STONE TO CONSTRUCT THE NEW HEADWALLS. THE REMAINING STRUCTURE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

DRAINAGE DATA

Drainage Area	2.1	Sq. Mi.
Design Frequency	25	Yr.
Design Discharge (Q25)	1,980	cfs
Design High Water Elevation	1292.9	Ft.
Change in Design Backwater	-2.2	Ft.
Design Backwater Elevation	1296.1	Ft.
Velocity at Q25	11.2	Ft./Sec.
Overtopping Elevation (Sta. 14+50)	1300.3	Ft.
Overtopping Discharge	3,020	cfs
Overtopping Frequency	90	Yr.
Discharge at Q100	3,090	cfs
Change in Backwater at Q100	-0.3	Ft.
Backwater Elevation at Q100	1300.4	Ft.
Historic Highwater Elevation	1299.0	Ft.
Ordinary Highwater Elevation	1289.0	Ft.
Total Waterway Provided	339	Sq. Ft.
Design Waterway Provided	339	Sq. Ft.
Estimated Ordinary High Water Discharge	200	cfs

Note: Total area of pipe = 415 sq. ft.

APPLICATION NO. NWK-2015-1854
 WABAUNSEE COUNTY, KANSAS
 BRIDGE REPLACEMENT
 LAKE WABAUNSEE
 WABAUNSEE COUNTY, KANSAS
 SHEET 2 OF 3
 DATED 2 SEPTEMBER 2015



SUMMARY OF QUANTITIES	
STRUCTURAL STEEL PIPE	1 LUMP SUM
CONCRETE (GRADE 4.0)(AE)	33.9 CU. YDS.
REINFORCING STEEL (GR. 60)	2,130 LBS.
REMOVAL OF EXISTING STRUCTURES	1 LUMP SUM
STONE HEADWALL	1 LUMP SUM
SLOPE PROTECTION (RIPRAP STONE) (18")	240 CU. YDS.
SLOPE PROTECTION (AGGREGATE) (6")	80 CU. YDS.

WABAUNSEE COUNTY, KANSAS
REPLACEMENT OF SOUTHEAST STONE ARCH BRIDGE
Corps Application No. NWK-2015-01854

Bridge Inventory numbers:

NRHP: 09001171 (National Register of Historic Places reference number)
KS: 000990943004581 (Kansas local bridge number on the National Bridge Inventory)
COUNTY: 70 (Wabaunsee County identification number)
BH 18627 (Bridgehunter.com ID)

Location of bridge: East Flint Hills Drive, across southeastern edge of Lake Wabaunsee, approximately 4 miles west of the City of Eskridge.

Legal Description: Section 9 and 10, Township 14 South, Range 11 East.

Latitude / Longitude: 38.853402 / -96.187409

Waterway Crossing: Lake Wabaunsee

Bridge Description: Triple 7-foot span stone masonry arch bridge.

National Register of Historic Places: *[file currently not digitized.](#)*

Kansas National Register Listing:

<http://www.nationalregisterofhistoricplaces.com/ks/wabaunsee/state.html>

Bridgehunter.com Listing: <http://bridgehunter.com/ks/wabaunsee/990943004581/>

