



BOBBY JINDAL
GOVERNOR

State of Louisiana

ROBERT J. BARHAM
SECRETARY

DEPARTMENT OF WILDLIFE AND FISHERIES
OFFICE OF SECRETARY

Louisiana Natural & Scenic River System
SCENIC RIVER PERMIT #943

Issue/Effective Date: October 14, 2015

Scenic River: Bayou Manchac

Recipient: Kansas City Southern Railway Company
c/o Headwaters, Inc.
Attn: Curtis Robertson
P. O. Box 2836
Ridgeland, MS 39158-2836

Description: Replacement of an Existing Railroad Bridge

This permit is issued by authority of Part II of Chapter 8, Title 56 of the LRS of 1950 as amended and re-enacted regarding the Louisiana Natural & Scenic Rivers System and the administrative procedures pertaining to the management of these watercourses designated as Scenic Rivers.

The permit is issued by the Administrator with the understanding that the recipient in implementation of the proposal will proceed in compliance with, and not significantly deviate from the provisions contained in the petition for the permit and any special conditions attached hereto. The permit holder is expected to minimize adverse impacts to the structural and functional integrity of the natural systems and aesthetics associated with the Scenic River where the activity is occurring so as to preserve the fundamental character and purpose for which the System was established.

The Administrator assumes no responsibility for or incurs no liability for any injury to persons or property caused by any act of the permit holder or his agent in the permission granted by this permit. In addition to the Department of Wildlife & Fisheries, the petition was given a full and thorough evaluation by the Louisiana Departments of Agriculture & Forestry; Culture, Recreation & Tourism; Environmental Quality; and the Office of State Planning and Budget. If during the review process objections were made to the proposed activity, those objections were either found to be insignificant or they have been included in the conditions of the permit.

This permit shall expire if the permitted activity has not begun within 18 months of the "Issue Date" indicated above.

Compliance with these conditions is necessary for this permit to be valid:

General Conditions:

- 1) All other applicable permits not contingent upon this permit from governmental entities will be acquired and their conditions implemented with fidelity. Applicant has title to the property or permission from the landowner to implement the project.
- 2) If during project activity, any sensitive archaeological, biological or botanical element is encountered, activity will temporarily cease and the permit holder will contact the Administrator to determine the disposition of that element or artifact.
- 3) This project must be carried out in a manner consistent with the design that the applicant submitted during the permit process and as depicted in the attached plats and October 7, 2015 correspondence letter. Should significant physical modification to the project become necessary during implementation of the project or after its completion, the permit holder will submit a letter of explanation within one week of discovery to the Administrator to determine if another petition will be required.
- 4) Any authorization issued under the authority of this permit may not be transferred to another party without giving prior notice to the Scenic Rivers Program Coordinator.
- 5) The permittee shall allow representatives of LDWF to make periodic inspections to ensure the activity being performed is in accordance with the conditions of this permit.

Special Operating Conditions:

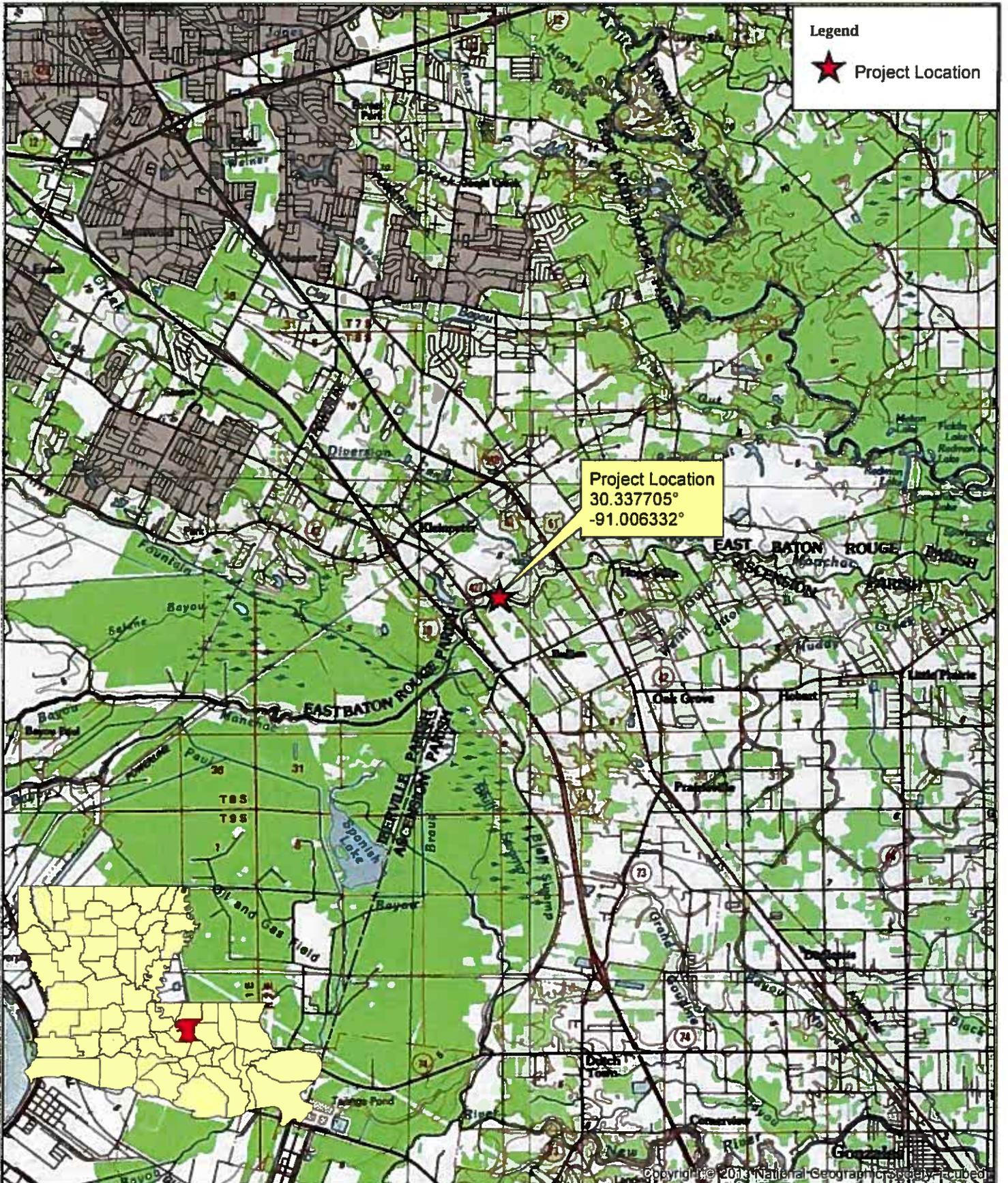
- 1) The permittee shall post a copy of this Scenic River permit in a conspicuous location at the site of the activity authorized by this permit during all phases of construction. Upon completion of the activities authorized by this permit, the applicant shall immediately contact this Department (*Chris Davis at (225)765-2642 or Matt Weigel at (985)543-4777*). LDWF will review the completed activity to assure that all activities were performed in accordance with the conditions of this permit.
- 2) Adequate erosion/sediment control measures are to be taken during the implementation of this project to insure that no sediments or other construction/activity related debris are allowed to enter Bayou Manchac. These measures shall be installed before commencement of construction activities and maintained until the site is fully constructed.
- 3) During construction of the south bridge abutment, should at any time construction activities cease for more than 14 days, the newly placed fill shall be re-vegetated by sod, seed, or another acceptable method, as necessary, to restore cover, prevent erosion and storm water runoff. LDWF recommends that rip rap be placed on the fill as soon as possible.

- 3) The permittee shall ensure that all contractors, subcontractors, and workers are made fully aware of the limits of the work authorized by this permit and adhere to and comply with all conditions listed in this Scenic River permit. Non-compliance with permit terms and conditions may result in permit suspension or revocation.
- 4) The applicant shall notify LDWF within 30 days following project completion.
- 5) The applicant shall adhere to the restoration and planting plan as proposed in the October 7, 2015 correspondence. Additionally, the following conditions will apply to the plan:
 - a. From the tree species listed in the plan, each of the three (3) restoration areas shall be planted with a hard/soft mass ratio of 60/40%.
 - b. By year 3, there shall be a 75% survivability rate. Trees established through natural recruitment may be included in this tally; however, exotic/invasive species may not be included in this tally.
 - c. The applicant shall use all prudent efforts, physical, chemical, or mechanical, to remove and/or eliminate establishment of noxious/exotic vegetation such as black willow (*Salix nigra*) or Chinese tallow tree (*Triadica sebifera*). Monitoring and control of such noxious/exotic vegetation shall continue for a minimum of 3 years post-construction in order to allow native hardwoods appropriate time to colonize and become adequately established.
 - d. The applicant shall notify LDWF within 15 days following completion of planting activities.
- 6) Any rip rap used shall be free of protruding, reinforcement material (i.e., rebar).

If you need any additional information, you may contact Mr. Chris Davis, Scenic Rivers Coordinator, in the Baton Rouge Office at (225) 765-2642.



Robert J. Barham
Administrator



Legend
 ★ Project Location

Project Location
 30.337705°
 -91.006332°



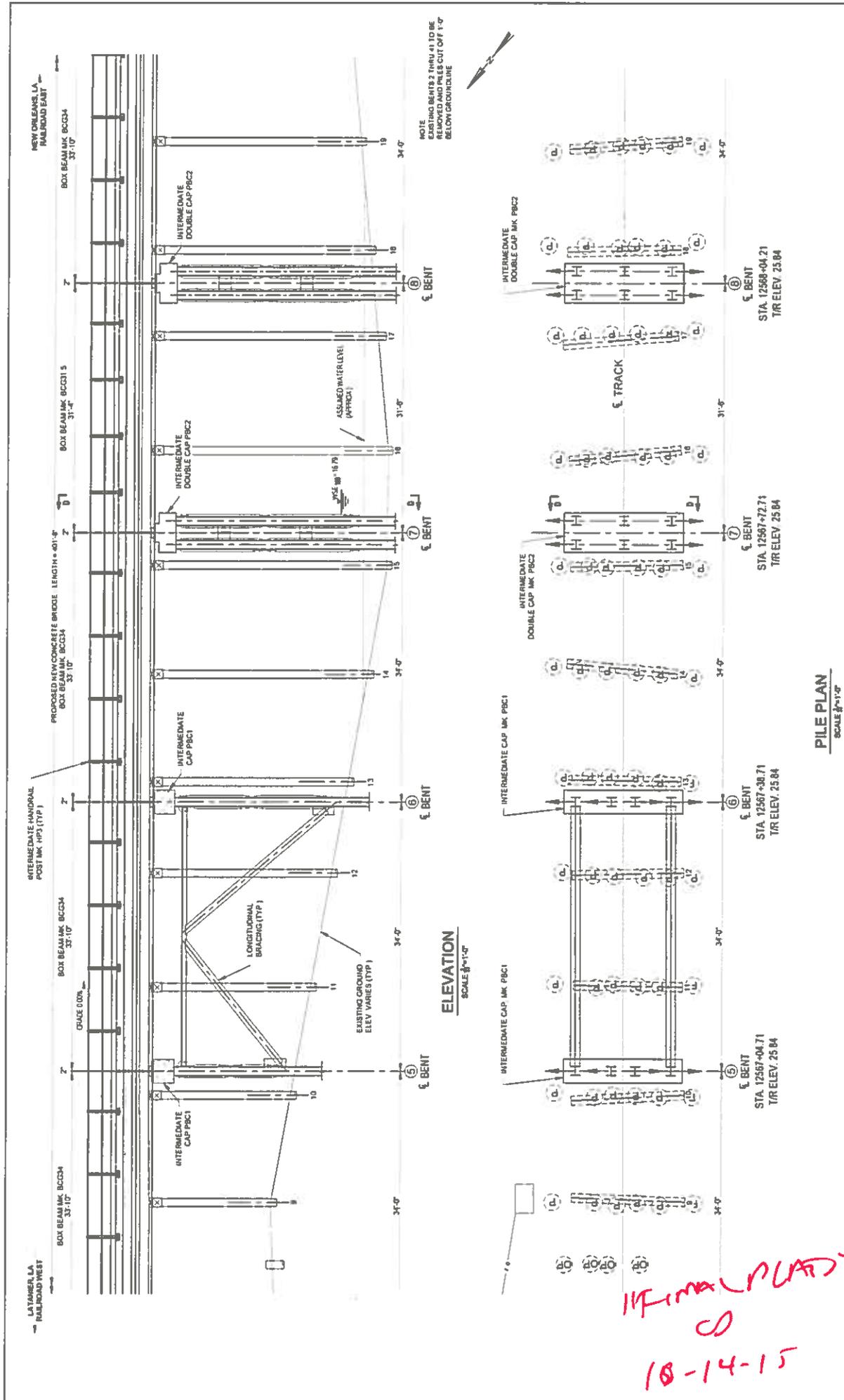
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The Kansas City Southern Railway Co.
 Bridge L-801.8 New Orleans Sub
 Ascension & East Baton Rouge Parishes, Louisiana
[General Location Map](#)

11/19/13
CD
10-14-13

NORTH
 1:100,000
 0 6,250 12,500 Feet
 U.S.G.S. St. Gabriel NE (LA) Quad



NOTE
EXISTING BENTS 2 THRU 4 TO BE
REMOVED AND PILES CUT OFF 1'-0"
BELOW GROUNDLINE

ELEVATION
SCALE 3/4"=1'-0"

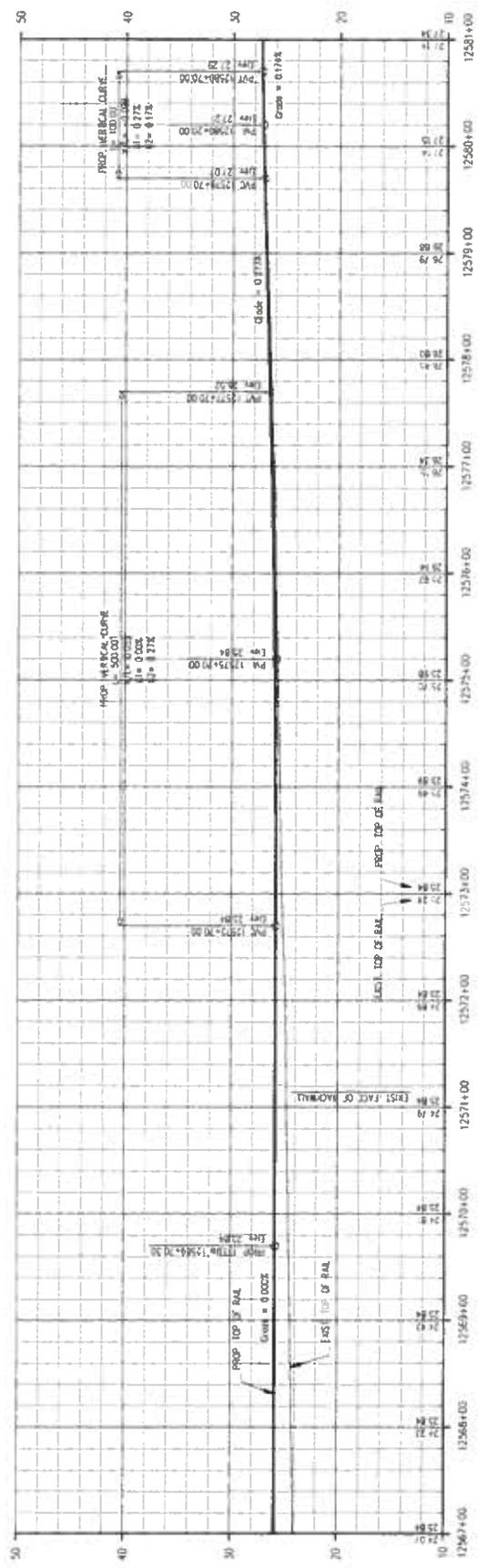
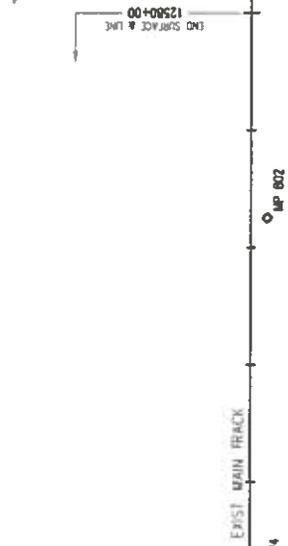
PILE PLAN
SCALE 3/4"=1'-0"

Final Plan
10-14-15

DATE	BY	CHKD	REVISED
AUG 22 2011	MAK	MAK	
DESIGNED BY	APR	APR	
CHECKED BY	MAK	MAK	
DATE	BY	CHKD	REVISED
AUG 22 2011	MAK	MAK	
DESIGNED BY	APR	APR	
CHECKED BY	MAK	MAK	

KARLA CITY SOUTHBOUND MAINWAY
BRIDGE LA01.8
NEW ORLEANS SUBDIVISION
PILE PLAN & ELEVATION

NEW ORLEANS, LA
RAILROAD EAST



MISSISSIPPI
 BRIDGE LOTS
 NEW ORLEANS SUBDIVISION
 TRACK PLAN

DATE	BY	CHECKED BY	APPROVED BY

SCALE: 1" = 40' HORIZ. 1" = 10' VERT.
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]

"Final Plans"
 CS
 12-15-15



October 7, 2015

Mr. Chris Davis
Biologist, Environmental Investigations
Louisiana Department of Wildlife and Fisheries
Post Office Box 98000
Baton Rouge, Louisiana 70898-9000

**Re: The Kansas City Southern Railway Company
New Orleans Subdivision Bridge L801.8
Ascension and East Baton Rouge Parish, Louisiana
Additional Information Request
SRP #943**

Dear Mr. Davis:

This letter is in response to your request for additional information via telephone conversations on October 2 and 7, 2015 and email dated October 2, 2015 (**Attachment A**) regarding the Scenic Rivers Permitting of the proposed Kansas City Southern Railway (KCS) Bridge L801.8 Replacement Project.

As you know, KCS is proposing to replace the existing, degraded bridge structure spanning Bayou Manchac with modern, more durable materials to ensure safe and reliable passage of trains and to prevent potential downtime along the KCS mainline within the New Orleans Subdivision. Further, to prevent future maintenance issues, KCS is proposing to shorten the bridge span by approximately 135 feet by filling the south approach. In addition to the shortened bridge structure, a riprap slope will be required in front of (north of) the proposed south bridge abutment to ensure the stability and integrity of the bridge abutment. This slope will extend approximately 30 feet in front of the south bridge abutment at a 1:2 slope. Following the completion of the proposed construction activities, the new slope will be located approximately 10 feet from the south bank of Bayou Manchac per the construction plans provided to us by KCS and included within the original Scenic Rivers permit application request submitted to your office dated July 27, 2015.

KCS currently owns a 100 foot wide right-of-way extending through the project area, 50 feet on either side of the centerline of the mainline rail. As a part of regular maintenance activities, KCS maintains approximately 56 feet within the center of this right-of-way. The remaining 44 feet (22 feet on either side) is currently contained within a forested, primarily upland, habitat.

RIDGELAND, MISSISSIPPI
PO Box 2836, Ridgeland, MS 39158-2836
601-634-0097 • 601-630-9778(f)

TUPELO, MISSISSIPPI
PO Box 3658 Tupelo, MS 38803-3658

"FINAL PART"
S
10-15-15

The entire 100 foot KCS right-of-way within the project area will be temporarily cleared and utilized for the construction of the proposed project. Temporary clearing within 100 feet of Bayou Manchac will consist of:

	Length	Width	Acres	Location
Cleared Area #1	~300'	~22'	0.13ac	South of Bayou, East of Bridge
Cleared Area #2	~200'	~22'	0.09ac	South of Bayou, West of Bridge
Cleared Area #3	~122'	~19'	0.05ac	North of Bayou, East of Bridge

These temporary clearing areas are depicted on the plan view map (**Attachment B**) and will be utilized to facilitate construction access.

The proposed fill utilized to shorten the bridge will encompass the center of the existing KCS right-of-way which KCS currently maintains and is approximately 56 feet wide, approximately 28 feet on either side of the centerline of the mainline rail, by approximately 165 feet long.

The entire project area will be restored to preconstruction contours (with the exception of the proposed fill area) and stabilized following completion of the proposed construction activities and prior to demobilization from the site. The forested areas temporarily cleared for construction access within 100 feet of Bayou Manchac (Cleared Areas 1, 2, and 3) will be also be restored following construction. These restoration activities will include planting native, site suitable hardwood tree seedlings on a 9' x 9' spacing. Species to be planted will include:

- overcup oak (*Quercus lyrata*)
- water oak (*Quercus nigra*)
- persimmon (*Diospyros virginiana*)
- swamp chestnut oak (*Quercus michauxii*)
- willow oak (*Quercus phellos*)
- bald cypress (*Taxodium distichum*)
- cherrybark oak (*Quercus pagoda*)
- green ash (*Fraxinus pennsylvanica*)
- nuttall oak (*Quercus nuttalli*)

Other native species such as sweetgum (*Liquidambar styraciflua*), red maple (*Acer rubrum*), green ash (*Fraxinus pennsylvanica*), black willow (*Salix nigra*) and American elm (*Ulmus americana*) are abundant within the surrounding areas and natural colonization by these species is anticipated.

CONCLUSION

At this time, we respectfully request your agency's review of the submitted information covering the proposed project activities. We also respectfully request your agency's consideration of the authorization for the Louisiana Natural and Scenic Rivers System Permit.

"FINAL (NAT)"
 CD
 12-15-12

For mailing purposes, the applicant's address is as follows:

Mr. Srikanth V. Honnur
The Kansas City Southern Railway Company
P.O. Box 219335
Kansas City, Missouri 64121-9335

As always, we appreciate your assistance in this matter. If you have any questions or need any additional information, please do not hesitate to contact us.

Sincerely,



Curtis R. Robertson, R.F.
Environmental and Forestry Specialist

CRR\
Attachment

C: Mr. Srikanth V. Honnur, KCS

*'Frank Nune'
CD
12-15-15*