

# FEDERAL AID OFF-SYSTEM HIGHWAY BRIDGE PROGRAM

## Keeping Projects on Track

2019 LPESA  
FALL CONFERENCE  
OCTOBER 2-3, 2019



**Contact Information:**

**Barbara Ostuno, P.E.**  
**Off-System Bridge Program Manager**  
**[barbara.ostuno@la.gov](mailto:barbara.ostuno@la.gov)**

**Amanda Ranck, P.E.**  
**Assistant Off-System Bridge Program Manager**  
**[amanda.ranck@la.gov](mailto:amanda.ranck@la.gov)**

**Ryan Rodney, B.S.C.M.; MBA**  
**[ryan.rodney@la.gov](mailto:ryan.rodney@la.gov)**



# Off-System Bridges in Louisiana

- 4,801 Total Off-System Bridges
  - 755 Qualify for Replacement
    - ~ 16% of all OSB qualify for replacement

# Off-System Bridge Program

- Two year programming cycle
- Plus side of balance sheet
  - Allocation = (sq. ft. area of OSB in need of replacement per Parish/of total replacement area of OSB for the State)% x total \$ for the 2-yr. program + previous unspent allocation.
- Minus side of the balance sheet
  - A ledger is kept for each Parish all construction costs are recorded. Those costs + the estimated cost of programmed projects.
- “Banking” funds.
- Projects may remain in program
  - up to 10 years
  - until constructed
  - or until the Parish requests they be cancelled

# Off-System Bridge Program

## Cooperative Endeavor Agreement Responsibilities

### ➤ DOTD

- Funding, as per H.B. 1
- Environmental Review
- Project Design
- Geotechnical and Hydraulic Review
- Construction Proposals
- Construction Estimate
- Award of Construction Contract
- Construction Inspection
- Record Retention
- Scheduled Inspections

### ➤ Parish

- Resolution requesting projects
- Right-of-Way/Servitude acquisition
- Permits
- Utility relocation
- Railroad Coordination
- Environmental Clearances
- Permanent Traffic Control Devices
- Maintenance and Inspection
- Choose viable structures for replacement

# Programming

When choosing structures to be replaced, please consider the following

- Right-of-Way
- Utilities
- Permits
- Priority
- ADT
- Detours
- Bridge Closed
- Seasonal Restrictions

It may take several years before a project will let.

# Project Development

- Project is selected by Parish and approved by DOTD Bridge Maintenance Engineer.
- Design Consultant is selected through DOTD CCS.
- Consultant completes topo survey, hydraulic report, preliminary plans, and environmental assessment.
- Plan-in-Hand Meeting is held with Parish, DOTD Project Engineer, Consultant, and other stakeholders.
- Project is submitted to DOTD Environmental Section for clearance.

# Project Development

- Project is cleared by Environmental Section
  - Parish can then obtain right-of-way, apply for required permits, and relocate utilities
  - Consultant begins final plans
- Project Letting/Award
  - Pre-Construction Conference, Project Engineer should invite Parish and Utilities



# Environmental Permits

The Environmental Process may take up to a year. Once the project has been cleared, the Parish will receive a copy of the NEPA document.

- The document includes a checklist with all permits that will be required for the project. Examples include:
  - Coastal Use Permit (CUP)
  - USCG Bridge Permit
  - USCG Navigation Lights
  - LA Scenic Stream
  - DEQ Water Quality Certification
  - LPDES Storm water
  - Levee

# Environmental Permits

- The Environmental Section will send a letter to the Army Corps of Engineers to obtain the Nationwide Permit.
- The Parish is required to send the Completion Notice to the Army Corps of Engineers after the bridge is built or if the project is cancelled.

Dear Permittee:

Under the terms of the nationwide permit approval granted to you, you are required by federal regulations, to complete and return this "Completion Notice" accompanied by a copy of your authorization letter to our office at the following address:

U.S. Army Corps of Engineers  
New Orleans District  
CEMVN-ODR  
7400 Leake Avenue  
New Orleans, Louisiana 70118-3651

If at a later date you decide not to perform the work, as approved by the nationwide permit, please advise this office so that your file can be so noted. If you have any questions and would like to speak with a Corps of Engineers representative, please call (504) 862-2099.

## COMPLETION NOTICE

**Permit Number:** MVN 2016-00599-MS (NWP # 23)

The work authorized in the permit referenced above was completed in accordance with the Department of the Army authorization and applicable general and specific conditions. In addition, mitigation (if required) was completed in accordance with the permit conditions.

Name (Please print): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# Environmental Permits

- If the project is in the Louisiana Coastal Zone, apply for the Coast Use Permit (CUP) as soon as possible.



# Right-of-Way

- Environmental Clearance – once the project has been cleared, we will send the following letter

Subject: Federal Aid Off-System Highway Bridge Program **NEPA Clearance**

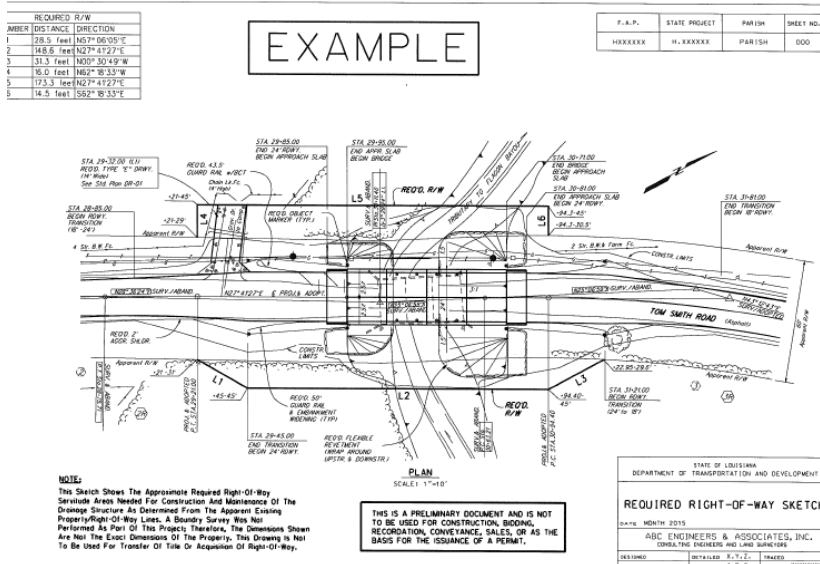
Dear

Enclosed herein are the NEPA documents. The project has just recently **cleared** as a **Programmatic Categorical Exclusion**; therefore, you are cleared to obtain the rights-of-ways and servitudes, as required. The R/W agreement, and R/W sketches for the captioned project have been provided by the design consultant. We plan to let the project next State Fiscal Year, if at all possible: we expect you to expedite the right-of-way and servitude acquisition process.

Should you have any questions or comments, please call me at (225) 379-1047.

# Right-of-Way

- The design consultant will provide the ROW sketch and ROW/Servitude Agreement.
- The Parish is to produce the official plat to be recorded.



## RIGHT-OF-WAY SERVITUDE AGREEMENT

STATE OF LOUISIANA:  
PARISH OF {name of Parish}

STATE PROJECT NO. H.XXXXXXX  
BRIDGE OVER: {name of creek}  
PARISH ROAD NAME: {local parish road name}

BE IT KNOWN, that Mr. \_\_\_\_\_  
Social Security No. \_\_\_\_\_ and/or Ms/Mrs. \_\_\_\_\_  
Social Security No. \_\_\_\_\_ domiciled at \_\_\_\_\_

being hereinafter referred to as "Grantor-Landowner", in consideration of the benefits, uses and advantages accruing to Grantor-Landowner by reason of the replacement of the existing timber bridge, known as the BRIDGE OVER {name of creek} on {local parish road name} in {name of Parish} Parish to be constructed as State Project No. H.XXXXXXX, of the Off System Bridge Replacement Program by the {name of Parish} Parish Police Jury, and for and upon such other terms and conditions or considerations hereinafter expressed does hereby grant, transfer, assign, set over and deliver unto the {name of Parish} Parish Police Jury for use by the general public, herein represented by {Police Jury President's name}, President of the {name of Parish} Parish Police Jury, accepting and acknowledging delivery and possession for the {name of Parish} Parish Police Jury, all and singular a Right-of-Way on, over and across the portion of the landowner's property described to-wit:

The required Right-of-Way Servitude as shown on the attached sketch prepared by {name of consulting engineering firm} is being obtained from the grantor-landowner for the construction and maintenance of a drainage structure for {name of creek} on {local parish road name} road, located in Section XX, T-X-S, R-X-E in {name of Parish} parish, for the sole purpose of replacing the existing timber bridge.

{the following is a typical description of the Right-of-Way}  
Shown on the attached sketch as Parcel "A2" and more particularly described in metes and bounds as: Beginning at the project station 104+33.45, 24.54 feet left of the Projected and Adopted centerline of the proposed project; thence proceed N 08° 04' 12" W a distance of 76.68 feet to a corner (Station 105+09.41, 35.00' LT.); thence proceed N 00° 15' 13" W a distance of 99.76 feet to a corner (Station 106+09.34, 35.00' LT.); thence proceed N 07° 23' 55" E a distance of 37.75 feet to a corner (Station 106+46.73, 29.81' LT.) to the apparent existing Right-of-Way; containing 0.02 acres more or less.

It is expressly understood that this grant and transfer of the above described permanent servitude is made solely for the construction and maintenance of the said project and since the exact property lines are not shown

# Right-of-Way

- Parish to acquire ROW and Servitude
- Review these documents

DOTD A-Z | CONTACT US | SITE MAP | EMPLOYEE PORTAL

Search for Projects, Services, Manuals or Other Information

About DOTD | Employment | Maps / GIS | News & Events | My DOTD

RESIDENTS In My Community | BUSINESS Working With DOTD | GOVERNMENT State and Local Resources | INSIDE La DOTD

Home ▶ Inside LaDOTD ▶ Divisions ▶ Engineering ▶ Real Estate

### Manuals

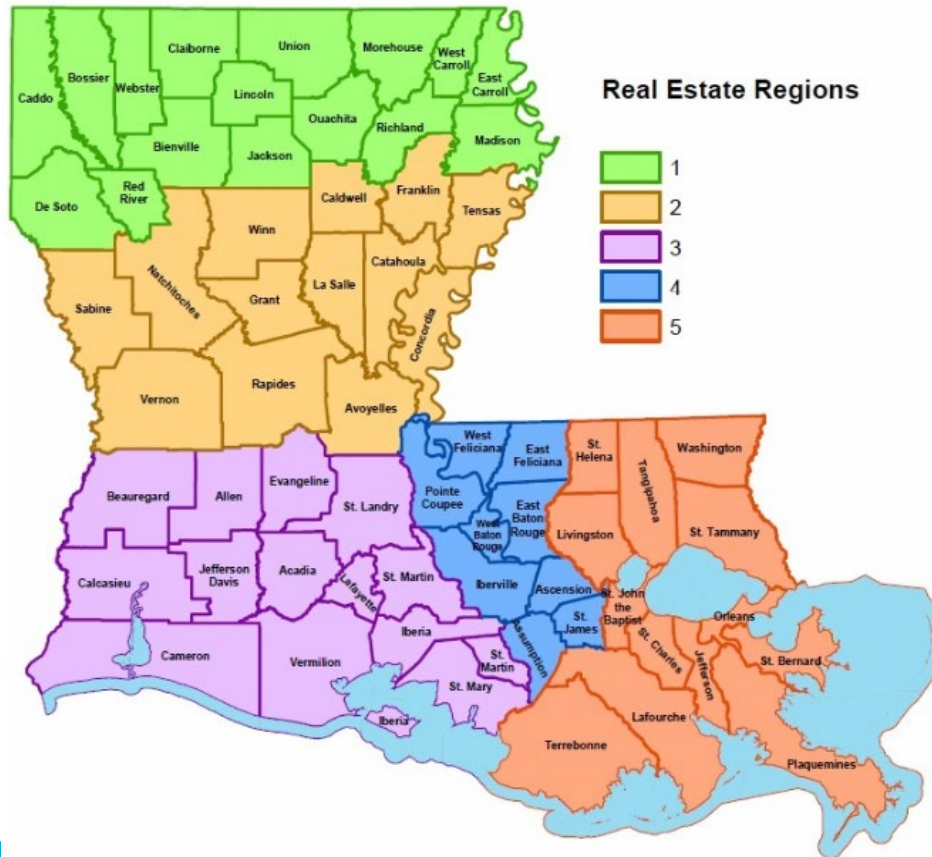
<input type="checkbox"/>	Type	Name	Modified	File Size
<input type="checkbox"/>		<a href="#">2016 Acquisition Brochure revised 8.31.16</a>	4/16/2018 2:06 PM	2360 KB
<input type="checkbox"/>		<a href="#">2018 Acquisition Brochure revised 3.16.18</a>	8/23/2018 9:39 AM	1250 KB
<input type="checkbox"/>		<a href="#">DOTD Real Estate Operations Manual 2018-12-13</a>	12/20/2018 10:49 AM	986 KB
<input type="checkbox"/>		<a href="#">L P A Manual January 2017</a>	6/7/2017 9:04 AM	297 KB
<input type="checkbox"/>		<a href="#">LADOTD Right of Way Contract Services - Minimum Requirements</a>	5/11/2018 10:39 AM	139 KB
<input type="checkbox"/>		<a href="#">Title Research Manual</a>	12/18/2013 1:46 PM	132 KB

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Real\\_Estate/Pages/Manuals.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Real_Estate/Pages/Manuals.aspx)

# Right-of-Way

- Contact the DOTD Regional Right of Way Agent

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Real\\_Estate/Pages/default.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Real_Estate/Pages/default.aspx)



# Railroad Permits

As per the Intergovernmental Agreement, “The Parish shall be obligated to obtain from affected utility companies or railroads, all agreements and designs of any required systems or relocations. These costs are not eligible for federal or state reimbursement.”

- DOTD Railroad Section will review all plans to determine if a railroad permit or insurance is needed
- OSB Program Manager will notify Parish if the railroad requires a flagman, permit, insurance, etc.
- Project cannot be let until Parish is cleared by DOTD Railroad Section



# Utilities















# Utilities

{THIS LETTER MUST BE ON THE LETTERHEAD OF THE ENTITY}

- Prior to letting the project the Parish must complete the Utility Assurance letter, as per the Intergovernmental Agreement.

September 12, 2019

State Project No.  
Federal PROJECT NO.  
{Project Name}  
{Parish}

To: Ms. Barbara Ostuno  
Louisiana Department of Transportation and Development  
P.O. Box 94245  
Baton Rouge, LA 70804-9245

I hereby certify that I have reviewed the construction plans for the captioned project and believe in my professional opinion there are no known utility conflicts within the project that would inhibit construction of planned improvements.

It is understood that the Entity is responsible for all costs associated with known or unknown utility relocations, adjustments and construction time delays after the project is awarded.

RECOMMENDED FOR APPROVAL

\_\_\_\_\_  
[Name/Date]  
[Title]



# Power Lines

- OSHA 1926 Subpart CC – Cranes and Derricks in Construction
  - 1926.1407 Power line safety (up to 350 kV)  
Assembly and Disassembly
  - 1926.1408 Power line safety (up to 350 kV)  
Equipment Operations
  - 1926.1409 Power line safety (over 350 kv)
  - 1926.1410 Power line safety (all voltages)  
Equipment operations closer than Table A Zone

# OSHA 1926.1408

## Power line safety (up to 350 kV) Equipment Operations

- Work zone is defined as the area 360 degrees around the equipment, up to the equipment's maximum working radius
- If any part of the equipment, load line or load (including rigging and lifting accessories), if operated up to the equipment's maximum working radius in the work zone, could get closer than 20 feet to a power line, then employer must follow requirements in 1926.1408

# OSHA 1926.1408 Cont'd

- 1. Deenergize and ground
- 2. 20 foot clearance. Ensure that no part of the equipment, load line, or load gets closer than 20 feet to the power line by implementing the measures specified in paragraph (b) of this section
- 3. Table A clearance

# OSHA 1926.1408 Cont'd

TABLE A—MINIMUM CLEARANCE DISTANCES

Voltage (nominal, kV, alternating current)	Minimum clearance distance (feet)
up to 50	10
over 50 to 200	15
over 200 to 350	20
over 350 to 500	25
over 500 to 750	35
over 750 to 1,000	45
over 1,000	(as established by the utility owner/operator or registered professional engineer who is a qualified person with respect to electrical power transmission and distribution).

**Note:** The value that follows "to" is up to and includes that value. For example, over 50 to 200 means up to and including 200kV.

# Detours

- When programming structures, consider if detours are required.
- Is the bridge the only way residents can get to their house?
- What is the length of the detour?
- If the existing bridge is removed and replaced, what about
  - Ambulances
  - Fire trucks
  - Mail trucks
  - Garbage trucks
  - School buses

# Detours

- The Parish will be required to provide the detour
- Low-profile runaround may be included in plans if it is part of construction project and the bid item is included in plans.
  - Parish is to acquire a servitude
  - Environmental Section to review
  - For local traffic only
  - Possible seasonal restrictions – no school buses, agricultural transport
  - At PIH determine who will install, maintain, and remove the low-profile runaround.

# Additional Requirements

- Parish shall provide 5-year crash history
  - The Parish is to obtain the 5-year crash history of the site from local law enforcement
  - Can be sent to the Program Manager via email

# Additional Requirements

- Parish Resolutions are required for all Design Exceptions/Waivers
  - OSB PM will send the Parish the DOTD approved Design Exception or Waiver to be approved by resolution



# Questions?

