

DESCRIPTION OF WORK, CONSTRUCTION REQUIREMENTS AND PAYMENT

DESCRIPTION OF WORK: THIS WORK CONSISTS OF FURNISHING ALL MATERIALS NOT SUPPLIED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (LADOTD), LABOR, SUPERVISION SERVICES, EQUIPMENT AND SPECIAL TOOLS NECESSARY TO LOAD, UNLOAD, INVENTORY, TRANSPORT, CONSTRUCT, INSTALL, MAINTAIN AND DISASSEMBLE THE STEEL PANEL BRIDGE (SPB) AND RETURN THE SPB SUPERSTRUCTURE COMPONENTS AS SPECIFIED IN THE PLANS. ALL LABOR AND MATERIALS NECESSARY TO INSTALL THE REQUIRED GUARD RAIL ON THE SPB SHALL BE INCLUDED WITH THIS WORK. LADOTD WILL PROVIDE ALL NECESSARY COMPONENTS AND ANCILLARY PARTS REQUIRED TO CONSTRUCT THE SPB SUPERSTRUCTURE. NECESSARY SPB SUPERSTRUCTURE COMPONENTS AND ANCILLARY PARTS THAT ARE NOT AVAILABLE AT THE STORAGE FACILITY SHALL BE RENTED AND/OR PURCHASED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS. ALL OTHER MATERIALS AND/OR COMPONENTS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE SPB SHALL BE PROVIDED BY THE CONTRACTOR.

PROCUREMENT: THE LADOTD SPB STORAGE FACILITY IS LOCATED IN ABITA SPRINGS ON THE SOUTHWEST SIDE OF LA 36, APPROXIMATELY 1 MILE SOUTHEAST OF THE INTERSECTION OF LA 36 AND LA 59. ALL MAJOR AND JOB SPECIFIC TOOLS REQUIRED FOR THE CONSTRUCTION AND INSTALLATION OF THE SPB SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO USE. A TRUCK AND TRAILER SHALL BE USED TO TRANSPORT THE SPB COMPONENTS. OTHER METHODS OF TRANSPORTATION SHALL BE APPROVED BY THE PROJECT ENGINEER IN ADVANCE.

THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE LADOTD DISTRICT 62 BRIDGE MAINTENANCE SECTION (985-375-0125) TO REVIEW CURRENT INVENTORY A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PROJECT LETTING DATE. THE CONTRACTOR SHALL RENT AND/OR PURCHASE NECESSARY SPB SUPERSTRUCTURE COMPONENTS AND ANCILLARY PARTS THAT ARE NOT AVAILABLE AT THE STORAGE FACILITY FROM THE ORIGINAL MANUFACTURER. SPB COMPONENTS, WHICH ARE PURCHASED BY THE CONTRACTOR, SHALL BECOME PROPERTY OF LADOTD AND RETURNED TO THE ABITA SPRINGS STORAGE FACILITY. SEE GENERAL NOTES FOR MORE INFORMATION.

THE CONTRACTOR SHALL CONSULT WITH THE ORIGINAL MANUFACTURER FOR TECHNICAL ASSISTANCE IN THE SELECTION OF THE PROPER TRUSS CONFIGURATION, BRIDGE COMPONENTS AND ANCILLARY PARTS. THE CONTRACTOR SHALL ALSO CONSULT WITH THE ORIGINAL MANUFACTURER FOR TECHNICAL ASSISTANCE ON ERECTION AND DISASSEMBLY PROCEDURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SPB SUPERSTRUCTURE DETAILS FROM THE ORIGINAL MANUFACTURER, INCLUDING THE BILL OF MATERIALS. SPB SUPERSTRUCTURE DETAILS SHALL BE SIGNED AND STAMPED BY A LICENSED CIVIL ENGINEER IN THE STATE OF LOUISIANA AND SUBMITTED TO THE BRIDGE DESIGN ENGINEER FOR REVIEW PRIOR TO THE LAYOUT OF THE SPB SUBSTRUCTURE.

THE CONTRACTOR SHALL NOTIFY THE LADOTD DISTRICT 62 BRIDGE MAINTENANCE SECTION A MINIMUM OF TWO (2) WEEKS PRIOR TO PICK UP OF THE REQUIRED SPB SUPERSTRUCTURE COMPONENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LOADING AND UNLOADING EQUIPMENT, INCLUDING DUNNAGE, NEEDED AT THE LADOTD STORAGE FACILITY DURING THE SPB COMPONENTS PICK UP AND RETURN. ANCILLARY PARTS SUCH AS BOLTS, NUTS, WASHERS AND PINS SHALL BE PACKED IN WATERTIGHT CONTAINERS FOR TRANSPORT AND FOR ON-SITE STORAGE PRIOR TO ERECTION AND AFTER DISASSEMBLY OF THE SPB. THE CONTRACTOR SHALL INVENTORY ALL SPB COMPONENTS AND ANCILLARY PARTS ONCE RECEIVED FROM THE STORAGE FACILITY. THE CONTRACTOR MAY REQUEST ADDITIONAL COMPONENTS AS SPARE PARTS, WHICH SHALL BE INCLUDED IN THE TRANSACTION INVENTORY. THE PROJECT ENGINEER AND THE LADOTD DISTRICT 62 BRIDGE MAINTENANCE SUPERVISOR SHALL VERIFY THE TRANSACTION INVENTORY UPON RELEASE TO THE CONTRACTOR.

ERECTION: THE CONTRACTOR SHALL NOT ERECT THE SPB SUPERSTRUCTURE WITHOUT A REPRESENTATIVE FROM THE ORIGINAL MANUFACTURER PRESENT AT THE PROJECT SITE TO PROVIDE TECHNICAL ASSISTANCE. THE REPRESENTATIVE SHALL BE NOTIFIED A MINIMUM OF FOUR (4) WEEKS PRIOR TO ERECTION OF THE SPB SUPERSTRUCTURE AND THE PROJECT ENGINEER SHALL BE NOTIFIED A MINIMUM OF TWO (2) WEEKS PRIOR TO ERECTION OF THE SPB SUPERSTRUCTURE.

THE CONTRACTOR SHALL OBTAIN ASSEMBLY AND INSTALLATION INSTRUCTIONS FROM THE ORIGINAL MANUFACTURER AND FURNISH TWO COPIES OF THE INSTRUCTIONS TO THE PROJECT ENGINEER. THE SPB SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ORIGINAL MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND AS SPECIFIED IN THE PLANS AND SHOP DRAWINGS. IF THE SPB DECK PANELS DO NOT CONTAIN AN EPOXY ANTI-SKID SURFACE, THEY SHALL BE OVERLAID WITH SUPERPAVE ASPHALTIC CONCRETE IN ACCORDANCE WITH ORIGINAL MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. AN EPOXY ANTI-SKID SURFACE AND AN ASPHALT OVERLAY SURFACE SHALL NOT BE USED IN CONJUNCTION ON THE SAME BRIDGE.

DISASSEMBLY: THE CONTRACTOR SHALL NOT DISASSEMBLE THE SPB SUPERSTRUCTURE WITHOUT A REPRESENTATIVE FROM THE ORIGINAL MANUFACTURER PRESENT AT THE PROJECT SITE TO PROVIDE TECHNICAL ASSISTANCE. THE REPRESENTATIVE SHALL BE NOTIFIED A MINIMUM OF FOUR (4) WEEKS PRIOR TO DISASSEMBLY OF THE SPB SUPERSTRUCTURE AND THE PROJECT ENGINEER SHALL BE NOTIFIED A MINIMUM OF TWO (2) WEEKS PRIOR TO DISASSEMBLY OF THE SPB SUPERSTRUCTURE.

PRIOR TO DISASSEMBLY OF THE SPB SUPERSTRUCTURE, AND IF APPLICABLE, THE ASPHALT SURFACING SHALL BE REMOVED FROM THE DECK PANELS. FOLLOWING DISASSEMBLY, THE BRIDGE COMPONENTS SHALL BE THOROUGHLY CLEANED AND AIR DRIED.

RETURN OF LADOTD SUPPLIED SPB COMPONENTS: THE CONTRACTOR SHALL PACK ALL COMPONENTS AS RECEIVED, EXCEPT ALL BOLTS AND PINS WHICH SHALL BE DRIED AND STORED IN WATERTIGHT CONTAINERS. BOLTS SHALL BE PACKED AS ASSEMBLIES (I.E. BOLT, NUT, WASHER, ETC.), AND ONLY ONE TYPE OF BOLT SHALL BE IN ANY ONE CONTAINER. CONTAINERS SHALL BE CLEARLY MARKED WITH THE PART NUMBER AND QUANTITY. GUARD RAIL, WHICH IS IN GOOD CONDITION AS DETERMINED BY THE PROJECT ENGINEER, SHALL BECOME PROPERTY OF LADOTD AND SHALL BE CLEANED, GALVANIZED SURFACE REPAIRED AND DELIVERED TO A LADOTD STORAGE FACILITY AS SPECIFIED BY THE PROJECT ENGINEER. ALL REUSABLE LADOTD OWNED SPB COMPONENTS, AS DETERMINED BY THE PROJECT ENGINEER OR A LADOTD REPRESENTATIVE, SHALL BE RETURNED TO THE LADOTD STORAGE FACILITY IN ABITA SPRINGS OR TO A LOCATION SPECIFIED IN THE PLANS. THE CONTRACTOR SHALL NOTIFY THE LADOTD DISTRICT 62 BRIDGE MAINTENANCE SECTION A MINIMUM OF TWO (2) WEEKS PRIOR TO THE RETURN OF THE SPB SUPERSTRUCTURE COMPONENTS. THE CONTRACTOR SHALL UNLOAD AND STACK ALL THE SPB COMPONENTS AS DIRECTED BY THE ENGINEER. OTHER LADOTD OWNED MATERIALS (TOOLS, MANUALS, AND ETC.) SHALL BE RETURNED TO THEIR ORIGINAL STORAGE LOCATION OR AS DIRECTED BY THE ENGINEER.

ALL MATERIAL AND COMPONENTS USED IN THE CONSTRUCTION OF THE SPB SUBSTRUCTURE SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BEYOND THE LIMITS OF THE RIGHT-OF-WAY.

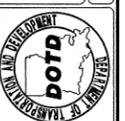
REPAIR AND/OR REPLACEMENT OF DAMAGED LADOTD OWNED SPB COMPONENTS: ANY DAMAGED GALVANIZED SURFACES SHALL BE CLEANED, RUST FREE, AND REPAIRED IN ACCORDANCE WITH THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. WHILE IN THE POSSESSION OF THE CONTRACTOR, ANY LADOTD SPB SUPPLIED COMPONENTS THAT ARE MISSING, STRUCTURALLY DAMAGED OR HAVE GALVANIZING DAMAGE BEYOND REPAIR, AS DETERMINED BY THE PROJECT ENGINEER, SHALL BE REPLACED IN KIND FROM THE ORIGINAL MANUFACTURER. ANY ALTERATION BY THE CONTRACTOR TO ANY LADOTD SUPPLIED SPB COMPONENT SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REPLACED IN KIND FROM THE ORIGINAL MANUFACTURER. THE PROJECT ENGINEER OR A LADOTD REPRESENTATIVE SHALL BE ON-SITE TO DOCUMENT AND RECEIVE REPLACED COMPONENTS. WELDING SHALL NOT BE ALLOWED ON SPB SUPERSTRUCTURE COMPONENTS.

PAYMENT: PAYMENT FOR TEMPORARY DETOUR BRIDGING (STEEL PANEL BRIDGE, LADOTD SUPPLIED) SHALL BE MADE AT THE CONTRACT UNIT PRICE PER LINEAR FOOT UNDER ITEM NO. 725-02-00200. IT SHALL INCLUDE FURNISHING ALL MATERIALS NOT SUPPLIED BY LADOTD, LABOR, SUPERVISION SERVICES, EQUIPMENT AND SPECIAL TOOLS NECESSARY TO LOAD, UNLOAD, INVENTORY, TRANSPORT, CONSTRUCT, INSTALL, MAINTAIN AND DISASSEMBLE THE SPB AND RETURN THE SPB SUPERSTRUCTURE COMPONENTS AS SPECIFIED IN THE PLANS. THE COST FOR LABOR AND MATERIALS NECESSARY TO INSTALL THE REQUIRED GUARD RAIL ON THE SPB SHALL ALSO BE INCLUDED WITH THIS ITEM. SPB SUPERSTRUCTURE COMPONENTS THAT ARE RENTED, PURCHASED, AND/OR REPLACED BY THE CONTRACTOR SHALL ALSO BE INCLUDED WITH PAYMENT FOR THIS ITEM.

ORIGINAL MANUFACTURER: THE ORIGINAL MANUFACTURER IS ACROW CORPORATION OF AMERICA.

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 IN
 CIVIL ENGINEERING
 2/25/2013

SHEET NUMBER									
DESIGNED	J. PELTIER	CHECKED	M. HEBERT	CONTROL SECTION	PARISH	STATE	PROJECT	REVISION OR CHANGE	ORDER DESCRIPTION
DATE		NO.							
									
CONSTRUCTION REQUIREMENTS AND BRIDGE INDEX									
BD.2.8.2.0.01 STEEL PANEL DETOUR BRIDGE									
									
BRIDGE & STRUCTURAL DESIGN									