

**TECHNICAL SPECIFICATIONS AND
SPECIAL CONDITIONS TO THE
CONSTRUCTION CONTRACT**

Technical Specifications

The Technical Specifications for this project shall consist of the Louisiana Standard Specifications for Roads and Bridges, 2016 Edition (LSSRB), State of Louisiana, Department of Transportation and Development, Baton Rouge, Louisiana. The unit price pay items included in this project are numbered in accordance with the 2016 Edition of the Louisiana Department of Transportation and Development Standard Specifications for Roads and Bridges and all work included in these pay items shall be constructed in strict conformance with the appropriate Sections, Sub-sections, and references made within the LSSRB including any current revisions to which as published by the Louisiana Department of Transportation and Development and/or as modified, supplemented, or added to which herein.

Specifications including materials, equipment, prosecution of the work, payment, procedures, testing, sampling, quality assurance, and quality control items shall conform to the LSSRB and the latest revised Supplemental Specifications to which unless explicitly amended the Special Provisions. All materials supplied shall be listed on and comply with the latest revised Approved Materials List maintained by the Louisiana Department of Transportation and Development at the time of bidding, unless otherwise noted. Payment and measurement will be based on the item and unit measure specified in the LSSRB, or as amended otherwise within this document.

Supplemental Conditions

These Special Provisions amend or supplement the Louisiana Standard Specifications for Roads and Bridges, State of Louisiana Department of Transportation and Development, 2016 Edition. All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in these Special Provisions have the meanings stated in the Louisiana Standard Specifications for Roads and Bridges. Additional terms used in these Special Provisions have the meanings stated below, which are applicable to both the singular and plural thereof.

Any wording in the above noted Louisiana Standard Specifications for Roads and Bridges, 2016 Edition (LSSRB) as may refer to the Governor, State, State Highway Department, Department, Director, Owner, or similar references to other personnel or to sections, departments, and agencies included thereof shall be deemed to read "Ascension Parish Government" and its authorized personnel, agents, departments and sections.

Any wording in the above noted Louisiana Standard Specifications for Roads and Bridges,

2016 Edition (LSSRB) that may refer to the Engineer, Project Engineer, Chief Engineer, or similar references to similar personnel or to sections under the direction thereof shall be deemed to read "**MEYER ENGINEERS, LTD.**" and its authorized personnel and agents.

Any discrepancy, in whole or in part, between the Sections and/or Subsections not listed above, which are said to remain in full effect, shall be resolved as follows:

- (1) In accordance with applicable Local, State, or Federal laws
- (2) In the best interest of the Owner as determined by the Owner and/or Engineer
- (3) In accordance with the provisions
- (4) In accordance with the Engineer's recommendation

The following Sections and/or Subsections of the LSSRB have been deleted and the contents thereof are considered to be replaced and/or amended by the applicable parts of this document. Any Section of Subsection of the LSSRB not specifically listed below shall be considered to apply in full force as written in the LSSRB or as amended by the latest revised Supplemental Specifications to which as published by the LADOTD. The address system used in these Special Provisions is the same as the address system used in the Louisiana Standard Specification for Roads and Bridges, with the prefix "SC" added thereto.

Section 302
Class II Base Course

Section 302 of the 2016 Louisiana Standard Specifications for Roads and Bridges is amended as follows:

302.01, DESCRIPTION, add the following paragraph to the end of the section:

Drainage of all existing and constructed pavement structures shall be maintained at all times during construction at no additional cost to the Department. When base course is permeable, provide a base drain outlet consisting of non-plastic embankment (stone) and geotextile fabric, or as specified in the plans, in accordance with 203.09.

302.13 MEASUREMENT, add the following paragraph to the end of the section:

Base drain outlets will be measured for payment per each.

302.14 PAYMENT, add the following paragraph to the end of the section:

Payment for base drain outlet will be made under the contract unit price per each and include excavation, furnishing and placing non-plastic embankment (stone) material, geotextile fabric, and all incidentals necessary to complete the work.

Item No.	Pay Item	Pay Unit
302-05-00100	Base Drain Outlet	Each

Section 706
Concrete Walks, Drives, And Incidental Paving

Amend Section 706 of the 2016 Louisiana Standard Specifications for Roads and Bridges to include the following requirements for integrally colored concrete.

Curing and Sealing: Concrete shall be cured and sealed in accordance with coloring manufacturer's recommendations. Spray-on cure and sealer shall meet or exceed ASTM C309 standards and be formulated for colored concrete.

Mix Design: The same mix design shall be used throughout the project. The dosage rate of coloring admixture shall not exceed 10 percent of the cement content.

Color: Shall be as designated in the plans.

Mock Up: The contractor shall construct a mock up for acceptance. It shall be 4 feet by 4 feet by 4 inches. The mock up shall be constructed at the project site in the same manner as the final product in the presence of the Project Engineer. Reinforcement will not be required in the mock up. The mock up shall be cleaned, cured, and sealed in the same manner as the final product. Any mock up not accepted by the Project Engineer shall be repeated until it is accepted. The approved mockup will serve as the standard of acceptance for all future placements of integrally colored portland cement concrete on the project. Any placement that does not meet the standard of the mockup and not accepted by the Department shall be removed and replaced.

Contractor Experience: All work specified and shown on the contract drawings relating to integrally colored portland cement concrete shall be done by a company with a minimum of 3 years of experience with the placement and finishing of this product. The contractor shall be able to provide to the Department proof of past experience.

PAYMENT.

Pay Item	Description	Pay Unit
706-03-10000	Incidental Concrete Paving (Colored) (7.5 inch Thick)	Square Yard

NS Item
Saw Cutting Asphalt Concrete Pavement

1. DESCRIPTION

This item consists of furnishing all equipment, labor, materials and incidentals to perform saw cutting of existing asphalt concrete pavement at locations as shown on the plans or directed by the Project Engineer.

2. MEASUREMENT

The saw cutting will be measured and paid at the contract unit price per inch depth of cut times the linear foot of cut.

3. PAYMENT

Payment will be made at the contract unit price under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
NS-500-00340	Saw Cutting Asphalt Concrete Pavement	Inch Depth-Linear Foot

**NS Item
Paved Gutter Drain**

1. DESCRIPTION.

This item consists of constructing and installing paved gutter drains in accordance with these specifications and in conformity with lines and grades shown on the plans or established by the Engineer.

2. MATERIALS.

Materials shall comply with the following sections and subsections:

Cast-in-Place Concrete (Class A1, B, D)	901
Portland Cement	1001
Mortar Sand	1003.08.1
Reinforcing Steel	1009.01
Asphaltic Varnish	1008.03
Frames, Grates, and Covers	1013.05 , 1013.06

Use mortar complying with 1001.03. Use mortar within 30 minutes after mixing or as recommended by the manufacturer.

3. CONSTRUCTION REQUIREMENTS.

Construct all cast-in-place structures and any required excavation and backfill in accordance with 702. Provide dewatering, shoring and bracing in accordance with 702.04.

4. MEASUREMENT.

Measure paved gutter drains per each. Excavation and backfill required for installation of these units will not be measured for payment. Dewatering, shoring and bracing needed to meet OSHA requirements are considered incidental to the work and will not be measured for payment.

5. PAYMENT.

Payment for paved gutter drains will be made at the contract unit price per each which will include all materials, tools, equipment, labor and incidentals necessary to complete the work shown on the plans including paved gutter drain, inlet, iron cover and grate along roadway, concrete splash

pad, swale ditch and any required excavation and embankment.

The concrete in paved gutter drains will be identified by lots and will be subject to pay adjustments in accordance with Table 601-3 or Table 901-6 and Note 1 therein. Size, sampling, and testing of each concrete lot shall be in accordance with the Materials Sampling Manual.

Payment will be made under:

Item No.	Pay Item	Pay Unit
NS-702-00101	Paved Gutter Drain	Each