



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

May 14, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 3

Bid#: 302-00-18-05-2

Project Name: 2017 District 2 Road Improvements

Bid Due Date: Thursday, May 17, 2018

GENERAL INFORMATION:

1. Please remove "Unit Price Form" from Section 04 and replace with "Unit Price Form Revised." (Attached)

ATTACHMENTS

1. "Unit Price Form Revised.pdf"

End of Addendum # 3

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM
REVISED**

TO:

St. Tammany Parish Government
21454 Koop Drive, Suite 2F
Mandeville, LA. 70471
(OWNER TO PROVIDE NAME AND ADDRESS OF OWNER)

BID FOR:

2017 District 2 Road Improvements
Bid#302-00-18-05-2
(OWNER TO PROVIDE PROJECT NAME & OTHER IDENTIFYING INFO)

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Mobilization				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
727-01	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Temporary Signs and Barricades				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-01	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Scarify and Compact Roadbed				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
306-01-00200	12,903	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Portland Cement Stabilized Base				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
303-01-00150	12,903	SY		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # 1.5" Asphalt Binder Course (Type 3 Mix With PG 67-22)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
501-01-00000	11,883	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # 1.5" Asphalt Wearing Course (Type 3 Mix With PG 67-22)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
501-01-00001	11,883	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Full Depth Asphalt Patching (12") (Type 3 Mix With PG 67-22)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
510-01-00200	214	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # 2" Asphalt Wearing Course (Type 3 Mix With PG 67-22)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
501-01-00000-A	3,100	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # 2" Cold Planing				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
509-01-00100	3100	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # RAP Shoulder Material				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
401-02-00100	54	CY		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Topsoil Shoulder Material				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
715-01-00100	34	CY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Storm Drain Pipe (15" Equivalent RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01000	96	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Storm Drain Pipe (36" Equivalent RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01080	16	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Catch Basin (CB-02)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-03-00200	2	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Borrow (Vehicular Measure) Select Soils				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-07-00200	180	CY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Adjusting Water Valve				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
741-11-00100	1	EA		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Driveways, Turnouts, and Miscellaneous (Type 3 Mix With PG 67-22)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00200	218	Ton		
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

May 7, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 2

Bid#: 302-00-18-05-2

Project Name: 2017 District 2 Road Improvements

Bid Due Date: Thursday, May 17, 2018

GENERAL INFORMATION:

- 1. Please note that the Bid Opening has been pushed to Thursday, May 17, 2018. Time and location remains the same. The last day for Addendum is May 14, 2018 at 2:00pm.**

End of Addendum # 2



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

May 3, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 1

Bid#: 302-00-18-05-2

Project Name: 2017 District 2 Road Improvements

Bid Due Date: Tuesday, May 8, 2018

GENERAL INFORMATION:

1. Please remove "Chandler Dr. Specification" from Section 03 and replace with "Chandler Dr. Specification Revised". (Attached)
2. Please remove "Dahlia St. Specification" from Section 03 and replace with "Dahlia St. Specification Revised". (Attached)
3. Please remove "KC Camp Rd Specification" from Section 03 and replace with "KC Camp Rd Specification Revised". (Attached)
4. Please remove "Landry Kate Lane Specification" from Section 03 and replace with "Landry Kate Lane Specification Revised". (Attached)
5. Please remove "Ruby St. Specification" from Section 03 and replace with "Ruby St. Specification Revised". (Attached)
6. Please remove "Third St. Specification" from Section 03 and replace with "Third St. Specification Revised". (Attached)

ATTACHMENTS

1. "Chandler Dr. Specification Revised.pdf"
2. "Dahlia St. Specification Revised.pdf"
3. "KC Camp Rd Specification Revised.pdf"
4. "Landry Kate Lane Specification Revised.pdf"
5. "Ruby St. Specification Revised.pdf"
6. "Third St. Specification Revised.pdf"

End of Addendum # 1

Begin: Sta. 0+00 @ East Edge of Wilkinson St. Going East to Sta. 24+06 @ West Edge of St. Landry

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> 1. Contractor shall field verify all quantities and measurements. 2. Contractor shall be responsible for locating and protecting all existing utilities. 3. Two-way traffic shall be maintained at all times during construction. Contractor shall have flagmen on both ends of work zone. If Police details are used for traffic control this does not take the place of flag men. 4. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved. Contractor shall maintain project and construction signs. 5. All existing sewer lines shall be tied-in at no direct pay. 6. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 7. At all intersecting asphalt roads, contractor shall mill 1 ½" deep and 6' into intersecting road for a smooth and clean transition. See Detail attached with Bid Proposal. 8. Any additional work performed by the contractor without prior written approval from St Tammany Parish Department of Engineering, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish. 9. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 10. Materials Testing: All required testing and reporting shall be the contractor's responsibility at no direct pay. Sampling and Testing will be performed in accordance with the St. Tammany Parish Roadway Testing and Inspection Standards for Residential Subdivisions (Attached with Bid Proposal) and LADOTD Standard Specifications for Roads and Bridges, Latest Edition, Section 101 and 106. 11. Roads and surrounding areas shall be dressed after 3 calendar days and no later than 10 calendar days of final asphalt wearing course. Late Fee of \$1.00 per Linear Foot per Calendar Day shall be charged if not completed with the specified time frame. 12. If deep patching is required, the contractor is to compact at a minimum two equal lifts. 				
	<p>Project Summary: All labor, materials, equipment and supervision necessary to improve road surfaces with: Reconstruction.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	Lump Sum

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ East Edge of Wilkinson St. Going East to Sta. 24+06 @ West Edge of St. Landry

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	Lump Sum
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 24+06	20'	5470	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 24+06	20'	5470	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ East Edge of Wilkinson St. Going East to Sta. 24+06 @ West Edge of St. Landry

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (TYPE 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 24+06	19'	4826	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 24+06	19'	4826	Square Yard
502-01-00200	Driveways, Turnouts and Miscellaneous (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct asphalt driveway turnouts and intersecting road tie-ins in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 502. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. Tie-ins shall be 6' deep beginning at the edge of the new asphalt roadway. Driveways shall be paved to the back of ditch. If elevation of driveway is too high for new paving, it shall be milled. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.			115	Ton
715-01-00100	Topsoil Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place Topsoil as a surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 24+06	1'	30	Cubic Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ East Edge of Wilkinson St. Going East to Sta. 24+06 @ West Edge of St. Landry

Item	Description	Length	Width	Quantity	Unit
701-04-01000	Storm Drain Pipe (15" Equivalent RCPA): All labor, materials and equipment necessary to remove/replace 15" Equivalent RCPA. Item shall include all required saw-cutting, excavation, backfill material and embankment. Item shall include removal and replacement of all unsuitable material as identified by St. Tammany Parish Engineering Department personnel. All pipe joints shall be wrapped with suitable geotextile fabric. Contractor installed pipe shall be cleaned of all debris and other materials prior to final acceptance. Storm drain pipe installation shall be in accordance with Section 701 of LADOTD Standard Specifications.	18+60 R C/L 19+86 L C/L	24' 24'	48'	Linear Foot
741-11-00100	Adjusting Water Valve: All labor, materials, equipment and supervision necessary to adjust water valves to top of surface in accordance with the LADOTD Standard Specifications for Roads and Bridges.			1	Each

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ End of Asphalt Going South to Sta. 4+01 @ North Edge of Hwy. 36

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> 1. Contractor shall field verify all quantities and measurements. 2. Contractor shall be responsible for locating and protecting all existing utilities. 3. Two-way traffic shall be maintained at all times during construction. Contractor shall have flagmen on both ends of work zone. If Police details are used for traffic control this does not take the place of flag men. 4. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved. Contractor shall maintain project and construction signs. 5. All existing sewer lines shall be tied-in at no direct pay. 6. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 7. At all intersecting asphalt roads, contractor shall mill 1 ½" deep and 6' into intersecting road for a smooth and clean transition. See Detail attached with Bid Proposal. 8. Any additional work performed by the contractor without prior written approval from St Tammany Parish Department of Engineering, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish. 9. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 10. Materials Testing: All required testing and reporting shall be the contractor's responsibility at no direct pay. Sampling and Testing will be performed in accordance with the St. Tammany Parish Roadway Testing and Inspection Standards for Residential Subdivisions (Attached with Bid Proposal) and LADOTD Standard Specifications for Roads and Bridges, Latest Edition, Section 101 and 106. 11. Roads and surrounding areas shall be dressed after 3 calendar days and no later than 10 calendar days of final asphalt wearing course. Late Fee of \$1.00 per Linear Foot per Calendar Day shall be charged if not completed with the specified time frame. 12. If deep patching is required, the contractor is to compact at a minimum two equal lifts. 				
	<p>Project Summary: All labor, materials, equipment and supervision necessary to improve road surfaces with: Reconstruction.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	Lump Sum

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ End of Asphalt Going South to Sta. 4+01 @ North Edge of Hwy. 36

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	Lump Sum
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 4+01	19'	764	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 4+01	19'	764	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ End of Asphalt Going South to Sta. 4+01 @ North Edge of Hwy. 36

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (TYPE 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 4+01	18'	724	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 4+01	18'	724	Square Yard
502-01-00200	Driveways, Turnouts and Miscellaneous (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct asphalt driveway turnouts and intersecting road tie-ins in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 502. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. Tie-ins shall be 6' deep beginning at the edge of the new asphalt roadway. Driveways shall be paved to the back of ditch. If elevation of driveway is too high for new paving, it shall be milled. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.			20	Ton
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 4+01	1'	8	Cubic Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ End of Asphalt Going South to Sta. 4+01 @ North Edge of Hwy. 36

Item	Description	Length	Width	Quantity	Unit
701-04-01080	Storm Drain Pipe (36" Equivalent RCPA): All labor, materials and equipment necessary to remove/replace 36" Equivalent RCPA. Item shall include all required saw-cutting, excavation, backfill material and embankment. Item shall include removal and replacement of all unsuitable material as identified by St. Tammany Parish Engineering Department personnel. All pipe joints shall be wrapped with suitable geotextile fabric. Contractor installed pipe shall be cleaned of all debris and other materials prior to final acceptance. Storm drain pipe installation shall be in accordance with Section 701 of LADOTD Standard Specifications.	Sta. 3+94	16'	16'	Linear Foot
702-03-00200	Catch Basin (CB-02): All labor, materials, equipment and supervision necessary to furnish and install catch basin in accordance with LADOTD Standard Specifications for Roads and Bridges, Section 702, and in conformity with lines and grades shown on the plans. Shop drawings of precast catch basin structures shall be provided to St. Tammany Parish Department of Engineering and approved prior to installation. All catch basins shall have TYPE "C" grate. Catch Basin shall be pre-cast concrete or concrete formed in place only. Field verify invert.	Sta. 3+94	48" X 48" X 48"	2	Each
203-07-00200	Borrow (Vehicular Measure) Select Soils: All labor and materials necessary to install Borrow material over existing base to allow for the addition of soil cement at the street and radius improvement. All work shall be done in accordance to LA DOTD Standard Specifications for Roads and Bridges, Sec. 305.			180	Cubic Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ Camp Abby Gate Going North to Sta. 19+00 EOP

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> 1. Contractor shall field verify all quantities and measurements. 2. Contractor shall be responsible for locating and protecting all existing utilities. 3. Two-way traffic shall be maintained at all times during construction. Contractor shall have flagmen on both ends of work zone. If Police details are used for traffic control this does not take the place of flag men. 4. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved. Contractor shall maintain project and construction signs. 5. All existing sewer lines shall be tied-in at no direct pay. 6. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 7. At all intersecting asphalt roads, contractor shall mill 1 ½" deep and 6' into intersecting road for a smooth and clean transition. See Detail attached with Bid Proposal. 8. Any additional work performed by the contractor without prior written approval from St Tammany Parish Department of Engineering, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish. 9. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 10. Materials Testing: All required testing and reporting shall be the contractor's responsibility at no direct pay. Sampling and Testing will be performed in accordance with the St. Tammany Parish Roadway Testing and Inspection Standards for Residential Subdivisions (Attached with Bid Proposal) and LADOTD Standard Specifications for Roads and Bridges, Latest Edition, Section 101 and 106. 11. Roads and surrounding areas shall be dressed after 3 calendar days and no later than 10 calendar days of final asphalt wearing course. Late Fee of \$1.00 per Linear Foot per Calendar Day shall be charged if not completed with the specified time frame. 12. If deep patching is required, the contractor is to compact at a minimum two equal lifts. 				
	<p>Project Summary: All labor, materials, equipment and supervision necessary to improve road surfaces with: Reconstruction And Mill and Overlay</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	Lump Sum

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ Camp Abby Gate Going North to Sta. 19+00 EOP

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	Lump Sum
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 19+00	19'	4011	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 19+00	19'	4011	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ Camp Abby Gate Going North to Sta. 19+00 EOP

Item	Description	Length	Width	Quantity	Unit
509-01-00100	2" Cold Planing: All labor, materials, equipment and supervision necessary to remove existing asphaltic concrete surface to a depth of 2" in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 509. When the entire roadway width has not been planed to a flush surface by the end of a work period which resulting in a vertical or near vertical longitudinal face exceeding 2" in height, this longitudinal face shall be sloped as directed. Traverse faces present at the end of a work period shall be beveled as directed. Provisions shall be made at drives and turnouts to maintain local traffic. Pavement surfaces resulting from planning not meeting these requirements shall be re-planed at no direct pay. The cold planning operation shall not precede the subsequent paving operation by more than 15 calendar days. The contractor will be allowed to retain at least 50 percent of the reclaimed asphaltic pavement material (RAP) generated by the project. All other RAP is property of St. Tammany Parish Public Works Department and shall be hauled to the storage facility and stockpiled by the contractor at no direct pay.	Sta. 19+00 to Sta. 34+50	18'	3100	Square Yard
501-01-00000-A	2" Asphalt Wearing Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-01. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. All other project items reference the Latest Edition of LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.	Sta. 19+00 to Sta. 34+50	18'	3100	Square Yard
510-01-00200	Full Depth Asphalt Patching (12" Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to remove and replace asphalt pavement at locations specified by the Project Engineer/Project Inspector and in accordance with the LA DOTD Standard Specifications for Roads and Bridges, Section 510. All material shall be removed to minimum depth of 12" and replaced with a minimum 12" of asphalt. Removed materials, including large asphalt patches, shall be disposed of outside and away from the project site at no direct pay. The repaired asphalt shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operations and shall maintain the roadbed in satisfactory condition at all times, including the asphalt patch. Any damage shall be repaired immediately by the contractor at no direct pay. Patch shall be compacted in minimum 2 equal lifts.			214	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ Camp Abby Gate Going North to Sta. 19+00 EOP

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (TYPE 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 19+00	18'	3800	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 19+00	18'	3800	Square Yard
502-01-00200	Driveways, Turnouts and Miscellaneous (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct asphalt driveway turnouts and intersecting road tie-ins in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 502. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. Tie-ins shall be 6' deep beginning at the edge of the new asphalt roadway. Driveways shall be paved to the back of ditch. If elevation of driveway is too high for new paving, it shall be milled. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.			10	Ton
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 34+50	1'	39	Cubic Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ Camp Abby Gate Going North to Sta. 19+00 EOP

Item	Description	Length	Width	Quantity	Unit
701-04-01000	Storm Drain Pipe (15" Equivalent RCPA): All labor, materials and equipment necessary to remove/replace 15" Equivalent RCPA. Item shall include all required saw-cutting, excavation, backfill material and embankment. Item shall include removal and replacement of all unsuitable material as identified by St. Tammany Parish Engineering Department personnel. All pipe joints shall be wrapped with suitable geotextile fabric. Contractor installed pipe shall be cleaned of all debris and other materials prior to final acceptance. Storm drain pipe installation shall be in accordance with Section 701 of LADOTD Standard Specifications.	8+64 CCXC 12+52 CCXC	24' 24'	48'	Linear Foot

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ N. Edge of 9th Ave. Going North

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> 1. Contractor shall field verify all quantities and measurements. 2. Contractor shall be responsible for locating and protecting all existing utilities. 3. Two-way traffic shall be maintained at all times during construction. Contractor shall have flagmen on both ends of work zone. If Police details are used for traffic control this does not take the place of flag men. 4. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved. Contractor shall maintain project and construction signs. 5. All existing sewer lines shall be tied-in at no direct pay. 6. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 7. At all intersecting asphalt roads, contractor shall mill 1 ½" deep and 6' into intersecting road for a smooth and clean transition. See Detail attached with Bid Proposal. 8. Any additional work performed by the contractor without prior written approval from St Tammany Parish Department of Engineering, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish. 9. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 10. Materials Testing: All required testing and reporting shall be the contractor's responsibility at no direct pay. Sampling and Testing will be performed in accordance with the St. Tammany Parish Roadway Testing and Inspection Standards for Residential Subdivisions (Attached with Bid Proposal) and LADOTD Standard Specifications for Roads and Bridges, Latest Edition, Section 101 and 106. 11. Roads and surrounding areas shall be dressed after 3 calendar days and no later than 10 calendar days of final asphalt wearing course. Late Fee of \$1.00 per Linear Foot per Calendar Day shall be charged if not completed with the specified time frame. 12. If deep patching is required, the contractor is to compact at a minimum two equal lifts. 				
	<p>Project Summary: All labor, materials, equipment and supervision necessary to improve road surfaces with: Reconstruction.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	LS

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ N. Edge of 9th Ave. Going North

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 3+05	21'	677	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 3+05	21'	677	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ N. Edge of 9th Ave. Going North

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch bank. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 3+05	20'	644	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 3+05	20'	644	Square Yard
715-01-00100	Topsoil Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place Topsoil as a surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 3+05	1'	4	Cubic Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ N. Edge of 9th Ave. Going North

Item	Description	Length	Width	Quantity	Unit
502-01-00200	Driveways, Turnouts and Miscellaneous (Type 3 Mix with PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct asphalt driveway turnouts and intersecting road tie-ins in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 502. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. Tie-ins shall be 6' deep beginning at the edge of the new asphalt roadway. Driveways shall be paved to the back of ditch. If elevation of driveway is too high for new paving, it shall be milled. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.			25	Ton

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin @ Sta. 0+00 @ North Edge of 3rd Ave. Going North to Sta. 5+40 @ North 2nd St.

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> 1. Contractor shall field verify all quantities and measurements. 2. Contractor shall be responsible for locating and protecting all existing utilities. 3. Two-way traffic shall be maintained at all times during construction. Contractor shall have flagmen on both ends of work zone. If Police details are used for traffic control this does not take the place of flag men. 4. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved. Contractor shall maintain project and construction signs. 5. All existing sewer lines shall be tied-in at no direct pay. 6. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 7. At all intersecting asphalt roads, contractor shall mill 1 ½" deep and 6' into intersecting road for a smooth and clean transition. See Detail attached with Bid Proposal. 8. Any additional work performed by the contractor without prior written approval from St Tammany Parish Department of Engineering, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish. 9. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 10. Materials Testing: All required testing and reporting shall be the contractor's responsibility at no direct pay. Sampling and Testing will be performed in accordance with the St. Tammany Parish Roadway Testing and Inspection Standards for Residential Subdivisions (Attached with Bid Proposal) and LADOTD Standard Specifications for Roads and Bridges, Latest Edition, Section 101 and 106. 11. Roads and surrounding areas shall be dressed after 3 calendar days and no later than 10 calendar days of final asphalt wearing course. Late Fee of \$1.00 per Linear Foot per Calendar Day shall be charged if not completed with the specified time frame. 12. If deep patching is required, the contractor is to compact at a minimum two equal lifts. 				
	<p>Project Summary: All labor, materials, equipment and supervision necessary to improve road surfaces with: Reconstruction.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	LS

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin @ Sta. 0+00 @ North Edge of 3rd Ave. Going North to Sta. 5+40 @ North 2nd St.

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 5+40	21'	1316	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 5+40	21'	1316	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin @ Sta. 0+00 @ North Edge of 3rd Ave. Going North to Sta. 5+40 @ North 2nd St.

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch bank. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 5+40	20'	1256	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 5+40	20'	1256	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 5+40	1'	7	Cubic Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin @ Sta. 0+00 @ North Edge of 3rd Ave. Going North to Sta. 5+40 @ North 2nd St.

Item	Description	Length	Width	Quantity	Unit
502-01-00200	Driveways, Turnouts and Miscellaneous (Type 3 Mix with PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct asphalt driveway turnouts and intersecting road tie-ins in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 502. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. Tie-ins shall be 6' deep beginning at the edge of the new asphalt roadway. Driveways shall be paved to the back of ditch. If elevation of driveway is too high for new paving, it shall be milled. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.			28	Ton

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ West Edge of Ruby St. Going East to Sta. 3+00 @ West Harrison Ave.

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> 1. Contractor shall field verify all quantities and measurements. 2. Contractor shall be responsible for locating and protecting all existing utilities. 3. Two-way traffic shall be maintained at all times during construction. Contractor shall have flagmen on both ends of work zone. If Police details are used for traffic control this does not take the place of flag men. 4. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved. Contractor shall maintain project and construction signs. 5. All existing sewer lines shall be tied-in at no direct pay. 6. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 7. At all intersecting asphalt roads, contractor shall mill 1 ½" deep and 6' into intersecting road for a smooth and clean transition. See Detail attached with Bid Proposal. 8. Any additional work performed by the contractor without prior written approval from St Tammany Parish Department of Engineering, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish. 9. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 10. Materials Testing: All required testing and reporting shall be the contractor's responsibility at no direct pay. Sampling and Testing will be performed in accordance with the St. Tammany Parish Roadway Testing and Inspection Standards for Residential Subdivisions (Attached with Bid Proposal) and LADOTD Standard Specifications for Roads and Bridges, Latest Edition, Section 101 and 106. 11. Roads and surrounding areas shall be dressed after 3 calendar days and no later than 10 calendar days of final asphalt wearing course. Late Fee of \$1.00 per Linear Foot per Calendar Day shall be charged if not completed with the specified time frame. 12. If deep patching is required, the contractor is to compact at a minimum two equal lifts. 				
	<p>Project Summary: All labor, materials, equipment and supervision necessary to improve road surfaces with: Reconstruction.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	LS

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ West Edge of Ruby St. Going East to Sta. 3+00 @ West Harrison Ave.

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 3+00	21'	665	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 3+00	21'	665	Square Yard

All Work Shall Conform to Louisiana Standard Specifications for Roads and Bridges, Latest Edition

Begin: Sta. 0+00 @ West Edge of Ruby St. Going East to Sta. 3+00 @ West Harrison Ave.

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch bank. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 3+00	20'	633	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 3+00	20'	633	Square Yard
502-01-00200	Driveways, Turnouts and Miscellaneous (Type 3 Mix with PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct asphalt driveway turnouts and intersecting road tie-ins in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 502. This item references the 2000 edition of Louisiana Standard Specifications for Roads and Bridges. Tie-ins shall be 6' deep beginning at the edge of the new asphalt roadway. Driveways shall be paved to the back of ditch. If elevation of driveway is too high for new paving, it shall be milled. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.			20	Ton

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