



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#: 304-00-18-10-2

Project Name: 2018 District 4 Road Improvements

Bid Due Date: Tuesday, May 22, 2018

GENERAL INFORMATION:

1. Please note that the Bid Opening has been pushed to Tuesday, May 22, 2018. Time and location remains the same. The last day for Addendum is May 17, 2018 at 2:00pm.
2. Please remove "Unit Price Form" from Section 04 and replace with "Unit Price Form Revised". (Attached)
3. Please remove "Black River Dr. Specification Revised" from Section 03 and replace with "Black River Dr. Specification Revised #2". (Attached)
4. Please remove "Fountain St. North of Copal Specification Revised" from Section 03 and replace with "Fountain St. North of Copal Specification Revised #2". (Attached)
5. Please remove "Fountain St. South of Copal Specification Revised" from Section 03 and replace with "Fountain St. South of Copal Specification Revised #2". (Attached)
6. Please remove "Hawthorne Hollow Mill and Overlay Specification Revised" from Section 03 and replace with "Hawthorne Hollow Mill and Overlay Specification Revised #2". (Attached)
7. Please remove "Iberville St. Specification Revised" from Section 03 and replace with "Iberville St. Specification Revised #2". (Attached)
8. Please remove "Magnolia St. Ridge Ct Specification Revised" from Section 03 and replace with "Magnolia St. Ridge Ct Specification Revised #2". (Attached)
9. Please remove "Magnolia St North of Copal Specification Revised" from Section 03 and replace with "Magnolia St North of Copal Specification Revised #2". (Attached)
10. Please remove "Magnolia St South of Copal Specification Revised" from Section 03 and replace with "Magnolia St South of Copal Specification Revised #2". (Attached)
11. Please remove "Pelican Ridge Dr. Specification Revised" from Section 03 and replace with "Pelican Ridge Dr. Specification Revised #2". (Attached)
12. Please remove "Rock Bass Ct Specification Revised" from Section 03 and replace with "Rock Bass Ct Specification Revised #2". (Attached)

ATTACHMENTS

1. **“Unit Price Form – Revised.pdf”**
2. **“Black River Dr. Specification Revised #2.pdf”**
3. **“Fountain St. North of Copal Specification Revised #2.pdf”**
4. **“Fountain St. South of Copal Specification Revised #2.pdf”**
5. **“Hawthorne Hollow Mill and Overlay Specification Revised #2.pdf”**
6. **“Iberville St. Specification Revised #2.pdf”**
7. **“Magnolia St. Ridge Ct Specification Revised #2.pdf”**
8. **“Magnolia St North of Copal Specification Revised #2.pdf”**
9. **“Magnolia St South of Copal Specification Revised #2.pdf”**
10. **“Pelican Ridge Dr. Specification Revised #2.pdf”**
11. **“Rock Bass Ct Specification Revised #2.pdf”**

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

TO: St. Tammany Parish Government BID FOR: 2018 District 4 Road Improvements
21454 Koop Drive, Suite 2F Bid #: 304-00-18-10-2
Mandeville, LA. 70471
(OWNER TO PROVIDE NAME AND ADDRESS OF OWNER) (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.

REF NO.:	Description:	☑ BASE BID		OR		☐ ALT #		Mobilization	
		QUANTITY		QUANTITY		UNIT OF MEASURE		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
727-01		1		LS					
	Description:	☑ BASE BID	OR	☐ ALT #	Temporary Signs and Barricades				
713-01		1		LS					
	Description:	☑ BASE BID	OR	☐ ALT #	2" Asphalt Wearing Course (PG 67-22 or equivalent)				
501-01-00000-A		28,552		SY					
	Description:	☑ BASE BID	OR	☐ ALT #	2" Cold Planing				
509-01-00100		28,552		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.

REF NO.:	Description:	BASE BID		OR		ALT #	Scarify and Compact Roadway		UNIT PRICE EXTENSION (Quantity times unit price)
		QUANTITY					UNIT PRICE		
306-01-00200		7,485							
	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		7,485		SY					
	Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #			1.5" Asphalt Binder Course (PG 67-22 or equivalent)		
REF NO.:		QUANTITY		UNIT OF MEASURE			UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
501-01-00000		6,510		SY					
	Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #			1.5" Asphalt Wearing Course (PG 67-22 or equivalent)		
REF NO.:		QUANTITY		UNIT OF MEASURE			UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
501-01-00001		6,510		SY					
	Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #			Full Depth Asphalt Patching (12" PG 67-22)		
REF NO.:		QUANTITY		UNIT OF MEASURE			UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
510-01-00200		2,160		SY					
	Description:	<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #			Storm Drain Pipe (18" Equivalent RCPA)		
REF NO.:		QUANTITY		UNIT OF MEASURE			UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01020		24		LF					

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.

REF NO.:	Description:	☑ BASE BID OR		☐ ALT #		Top Soil Shoulder Material		UNIT PRICE EXTENSION (Quantity times unit price)
		QUANTITY		UNIT OF MEASURE		UNIT PRICE		
715-01-00100		148		CY				
	Description:	☑ BASE BID OR	☐ ALT #	Slope Paving (3") (PG 67-22)				
REF NO.:		QUANTITY		UNIT OF MEASURE		UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
510-01-00100		72		Ton				
	Description:	☑ BASE BID OR	☐ ALT #	Catch Basin (CB-01)				
REF NO.:		QUANTITY		UNIT OF MEASURE		UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
702-03-00100		1		EA				
	Description:	☑ BASE BID OR	☐ ALT #	Adjust Water Valve With Adjustment Rings				
REF NO.:		QUANTITY		UNIT OF MEASURE		UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
741-11-00100		1		EA				
	Description:	☑ BASE BID OR	☐ ALT #	Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent)				
REF NO.:		QUANTITY		UNIT OF MEASURE		UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00200		470		Ton				
	Description:	☑ BASE BID OR	☐ ALT #	Storm Drain Pipe (18" CMPA)				
REF NO.:		QUANTITY		UNIT OF MEASURE		UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
701-13-01140		40		LF				

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.

Begin @ Sta. 0+00 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

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 8' 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 2" Mill and 2" Overlay.</p>				
727-01	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.			1	Lump Sum

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

Begin @ Sta. 0+00 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 0+30 Sta. 0+30 to Sta. 31+00	25' 20'	7200	Square Yard

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

Begin @ Sta. 0+00 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

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 planing 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. 0+00 to Sta. 0+30 Sta. 0+30 to Sta. 31+00	25' 20'	7200	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. 31+00	1'	38	Cubic Yard
510-01-00200	Full Depth Asphalt Patching (12" 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 satisfactorily 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.	Varies	Varies	500	Square Yard

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

Begin @ Sta. 0+00 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
502-01-00200	<p>Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.</p>			15	Ton

Begin @ Sta. 0+00 North Edge of Copal to Sta. 14+15 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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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

Begin @ Sta. 0+00 North Edge of Copal to Sta. 14+15 EOP

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 14+15	17'	2700	Square Yard
509-01-00100	<p>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 planing not meeting these requirements shall be re-planed at no direct pay. The cold planing 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.</p>	Sta. 0+00 to Sta. 14+15	17'	2700	Square Yard

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

Begin @ Sta. 0+00 North Edge of Copal to Sta. 14+15 EOP

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>Full Depth Asphalt Patching (12" 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 satisfactorily 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.</p>			210	Square Yard
502-01-00200	<p>Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.</p>			45	Ton

Begin @ Sta. 0+00 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

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 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

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. 12+00	19'	2547	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. 12+00	19'	2547	Square Yard

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

Begin @ Sta. 0+00 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.	Sta. 0+00 to Sta. 12+00	18'	2370	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.	Sta. 0+00 to Sta. 12+00	18'	2370	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. 12+00	1'	15	Cubic Yard

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

Begin @ Sta. 0+00 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

Item	Description	Length	Width	Quantity	Unit
502-01-00200	Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.			56	Ton
510-01-00100	Slope Paving (3") (PG 67-22): When the use of mechanical finishing equipment is not practical, the mix may be placed and finished by hand to the satisfaction of the engineer. No casting will be allowed including casting the mixture from the truck to the grade. Asphalt is to be 3" thick and used to reduce the amount of erosion. This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges.	Sta. 9+48 to Sta. 11+26	L C/L	24	Ton

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

Begin @ Sta. 0+00 @ Dummy Line Rd. to Sta. 12+27 @ Cul de Sac

Item	Description	Length	Width	Quantity	Unit
	<p>General Notes:</p> <ol style="list-style-type: none"> Contractor shall field verify all quantities and measurements. Contractor shall be responsible for locating and protecting all existing utilities. 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. 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. All existing sewer lines shall be tied-in at no direct pay. Asphalt and concrete driveway tie-ins shall be tied in to existing surface material. 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. 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. Contractor shall ensure roadway and shoulders drain accordingly without any surface ponding/"bird baths" after rain events. 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. 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. 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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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

Begin @ Sta. 0+00 @ Dummy Line Rd. to Sta. 12+27 @ Cul de Sac

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 1+84 Sta. 1+84 to Sta. 12+27	18' X 2 20'	4048	Square Yard
509-01-00100	<p>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 planing not meeting these requirements shall be re-planed at no direct pay. The cold planing 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.</p>	Sta. 0+00 to Sta. 1+84 Sta. 1+84 to Sta. 12+27	18' X 2 20'	4048	Square Yard

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

Begin @ Sta. 0+00 @ Dummy Line Rd. to Sta. 12+27 @ Cul de Sac

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>Full Depth Asphalt Patching (12" 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.</p>			300	Square Yard
502-01-00200	<p>Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>			122	Ton
715-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 12+27		20	Cubic Yard

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

Begin @ Sta. 0+00 At South Edge of Service Rd. to Sta. 9+79 @ Curve

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 At South Edge of Service Rd. to Sta. 9+79 @ Curve

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. 9+79	19'	2411	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. 9+79	19'	2411	Square Yard

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

Begin @ Sta. 0+00 At South Edge of Service Rd. to Sta. 9+79 @ Curve

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.	Sta. 0+00 to Sta. 9+79	18'	1786	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.	Sta. 0+00 to Sta. 9+79	18'	1786	Square Yard
502-01-00200	Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.			125	Ton

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

Begin @ Sta. 0+00 At South Edge of Service Rd. to Sta. 9+79 @ Curve

Item	Description	Length	Width	Quantity	Unit
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. 9+79	1'	12	Cubic Yard
701-13-01140	Storm Drain Pipe (18" CMPA): All labor, materials and equipment necessary to remove/replace 18" CMPA. 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. Drain pipe shall be bituminous coated.	Sta. 9+68	L C/L	40	Linear Foot
510-01-00100	Slope Paving (3") (PG 67-22): When the use of mechanical finishing equipment is not practical, the mix may be placed and finished by hand to the satisfaction of the engineer. No casting will be allowed including casting the mixture from the truck to the grade. Asphalt is to be 3" thick and used to reduce the amount of erosion. This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges.	Sta. 1+22 to Sta. 4+00	L. And R C/L	48	Ton
741-11-00100	Adjust Water Valve with Adjustment Rings: All labor, materials, equipment and supervision necessary to furnish and install mainline water valve adjustment rings in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 702, Latest Edition.			1	Each
702-03-00100	Catch Basin (CB-01): 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, All catch basins shall have TYPE "C" grate. Catch Basin shall be pre-cast concrete or concrete formed in place only.	Sta. 9+68	L C/L	1	Each

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

Begin @ Sta. 0+00 Edge of Hawthorne Hollow to Sta. 7+91 EOP @ End of Circle

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 Edge of Hawthorne Hollow to Sta. 7+91 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 7+91	20'	1959	Square Yard
509-01-00100	<p>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 planing not meeting these requirements shall be re-planed at no direct pay. The cold planing 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.</p>	Sta. 0+00 to Sta. 7+91	20'	1959	Square Yard

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

Begin @ Sta. 0+00 Edge of Hawthorne Hollow to Sta. 7+91 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>Full Depth Asphalt Patching (12" 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 satisfactorily 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.</p>			150	Square Yard
502-01-00200	<p>Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>			7	Ton
715-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 7+91	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 Copal to Sta.12+40 EOP @ Joint of Newer Pavement

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 North Edge of Copal to Sta.12+40 EOP @ Joint of Newer Pavement

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 12+40	19'	2633	Square Yard
509-01-00100	<p>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 planing not meeting these requirements shall be re-planed at no direct pay. The cold planing 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.</p>	Sta. 0+00 to Sta. 12+40	19'	2633	Square Yard

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

Begin @ Sta. 0+00 North Edge of Copal to Sta.12+40 EOP @ Joint of Newer Pavement

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>Full Depth Asphalt Patching (12" 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.</p>			300	Square Yard
502-01-00200	<p>Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.</p>			32	Ton

Begin @ Sta. 0+00 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

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 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

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. 11+28	20'	2527	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. 11+28	20'	2527	Square Yard

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

Begin @ Sta. 0+00 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.	Sta. 0+00 to Sta. 11+28	19'	2354	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.	Sta. 0+00 to Sta. 11+28	19'	2354	Square Yard
502-01-00200	Driveways, Turnouts and Miscellaneous (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified. Tie-ins shall be 8' 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. The use of a LADOTD approves material transfer vehicle (MTV) is allowed, but not required unless specified.			68	Ton

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

Begin @ Sta. 0+00 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

Item	Description	Length	Width	Quantity	Unit
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. 11+28	1'	14	Cubic Yard
701-04-01020	Storm Drain Pipe (18" Equivalent RCPA): All labor, materials and equipment necessary to remove/replace 18" 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. 11+20	L C/L	24	Linear Foot

Begin @ Sta. 0+00 @ Black River Dr. to Sta. 35+59 @ Beginning of Cul de Sac

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 @ Black River Dr. to Sta. 35+59 @ Beginning of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 35+59	20'	8010	Square Yard
509-01-00100	<p>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 planing not meeting these requirements shall be re-planed at no direct pay. The cold planing 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.</p>	Sta. 0+00 to Sta. 35+59	20'	8010	Square Yard

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

Begin @ Sta. 0+00 @ Black River Dr. to Sta. 35+59 @ Beginning of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>Full Depth Asphalt Patching (12" 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.</p>			500	Square Yard
715-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 35+59	1'	34	Cubic Yard

Begin @ Sta. 0+00 @ NE Edge of Black River Dr. to Sta. 8+76 EOP @ End of Circle

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 @ NE Edge of Black River Dr. to Sta. 8+76 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>2" Asphalt Wearing Course (PG 67-22 or equivalent): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied in conformance with LA DOTD Standard Specifications for Roads and Bridges. Mixture shall be Type 3 with PG 67-22, or equivalent, according to Section 501 in the 2000 Edition of LA Standard Specifications for Roads and Bridges, or Superpave Level A Incidental Paving with PG 67-22, or equivalent, according to Section 502 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. Subject to the specifications herein, and corresponding to the mixture selected, equipment and processes shall adhere to Section 503 in the 2006 Edition of LA Standard Specifications for Roads and Bridges. The use of a LADOTD approved material transfer vehicle (MTV) is allowed, but not required unless specified.</p>	Sta. 0+00 to Sta. 8+76	20'	2002	Square Yard
509-01-00100	<p>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 planing not meeting these requirements shall be re-planed at no direct pay. The cold planing 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.</p>	Sta. 0+00 to Sta. 8+76	20'	2002	Square Yard

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

Begin @ Sta. 0+00 @ NE Edge of Black River Dr. to Sta. 8+76 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>Full Depth Asphalt Patching (12" 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.</p>			200	Square Yard
715-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 8+76		8	Cubic Yard



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

May 4, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 1

Bid#: 304-00-18-10-2

Project Name: 2018 District 4 Road Improvements

Bid Due Date: Wednesday, May 9, 2018

GENERAL INFORMATION:

1. Please remove "Black River Dr. Specification" from Section 03 and replace with "Black River Dr. Specification Revised". (Attached)
2. Please remove "Fountain St. North of Copal Specification" from Section 03 and replace with "Fountain St. North of Copal Specification Revised". (Attached)
3. Please remove "Fountain St. South of Copal Specification" from Section 03 and replace with "Fountain St. South of Copal Specification Revised". (Attached)
4. Please remove "Hawthorne Hollow Mill and Overlay Specification" from Section 03 and replace with "Hawthorne Hollow Mill and Overlay Specification Revised". (Attached)
5. Please remove "Iberville St. Specification" from Section 03 and replace with "Iberville St. Specification Revised". (Attached)
6. Please remove "Magnolia St. Ridge Ct Specification" from Section 03 and replace with "Magnolia St. Ridge Ct Specification Revised". (Attached)
7. Please remove "Magnolia St North of Copal Specification" from Section 03 and replace with "Magnolia St North of Copal Specification Revised". (Attached)
8. Please remove "Magnolia St South of Copal Specification" from Section 03 and replace with "Magnolia St South of Copal Specification Revised". (Attached)
9. Please remove "Pelican Ridge Dr. Specification" from Section 03 and replace with "Pelican Ridge Dr. Specification Revised". (Attached)
10. Please remove "Rock Bass Ct Specification" from Section 03 and replace with "Rock Bass Ct Specification Revised". (Attached)

ATTACHMENTS

1. "Black River Dr. Specification Revised.pdf"
2. "Fountain St. North of Copal Specification Revised.pdf"
3. "Fountain St. South of Copal Specification Revised.pdf"
4. "Hawthorne Hollow Mill and Overlay Specification Revised.pdf"
5. "Iberville St. Specification Revised.pdf"
6. "Magnolia St. Ridge Ct Specification Revised.pdf"
7. "Magnolia St North of Copal Specification Revised.pdf"
8. "Magnolia St South of Copal Specification Revised.pdf"
9. "Pelican Ridge Dr. Specification Revised.pdf"
10. "Rock Bass Ct Specification Revised.pdf"

End of Addendum # 1

Begin @ Sta. 0+00 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

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 8' 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 2" Mill and 2" 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 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>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. <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></p>	Sta. 0+00 to Sta. 0+30 Sta. 0+30 to Sta. 31+00	25' 20'	7200	Square Yard
509-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 0+30 Sta. 0+30 to Sta. 31+00	25' 20'	7200	Square Yard

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

Begin @ Sta. 0+00 @ North Edge of Bridge to Sta. 31+00 @ North Edge of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
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. 31+00	1'	38	Cubic Yard
510-01-00200	Full Depth Asphalt Patching (12" Type 3 Mix 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.	Varies	Varies	500	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 8' 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.			15	Ton

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

Begin @ Sta. 0+00 North Edge of Copal to Sta. 14+15 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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 North Edge of Copal to Sta. 14+15 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
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. 0+00 to Sta. 14+15	17'	2700	Square Yard
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. 0+00 to Sta. 14+15	17'	2700	Square Yard

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

Begin @ Sta. 0+00 North Edge of Copal to Sta. 14+15 EOP

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>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.</p>			210	Square Yard
502-01-00200	<p>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.</p>			45	Ton

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

Begin @ Sta. 0+00 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

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 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
306-01-00200	<p>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.</p>	Sta. 0+00 to Sta. 12+00	19'	2547	Square Yard
303-01-00150	<p>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.</p>	Sta. 0+00 to Sta. 12+00	19'	2547	Square Yard

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

Begin @ Sta. 0+00 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

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. 12+00	18'	2370	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. 12+00	18'	2370	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. 12+00	1'	15	Cubic Yard

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

Begin @ Sta. 0+00 @ the South Edge of Copal to Sta. 12+00 At End of Road at the Lake

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.			56	Ton
510-01-00100	Slope Paving (3") (Type 3 Mix PG 67-22): When the use of mechanical finishing equipment is not practical, the mix may be placed and finished by hand to the satisfaction of the engineer. No casting will be allowed including casting the mixture from the truck to the grade. Asphalt is to be 3" thick and used to reduce the amount of erosion. This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges.	Sta. 9+48 to Sta. 11+26	L C/L	24	Ton

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

Begin @ Sta. 0+00 @ Dummy Line Rd. to Sta. 12+27 @ Cul de Sac

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 @ Dummy Line Rd. to Sta. 12+27 @ Cul de Sac

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
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. 0+00 to Sta. 1+84 Sta. 1+84 to Sta. 12 + 27	18' X 2 20'	4048	Square Yard
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. 0+00 to Sta. 1+84 Sta. 1+84 to Sta. 12+27	18' X 2 20'	4048	Square Yard

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

Begin @ Sta. 0+00 @ Dummy Line Rd. to Sta. 12+27 @ Cul de Sac

Item	Description	Length	Width	Quantity	Unit
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.			300	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.			122	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. 12+27		20	Cubic Yard

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

Begin @ Sta. 0+00 At South Edge of Service Rd. to Sta. 9+79 @ Curve

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 At South Edge of Service Rd. to Sta. 9+79 @ Curve

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. 9+79	19'	2411	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. 9+79	19'	2411	Square Yard

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

Begin @ Sta. 0+00 At South Edge of Service Rd. to Sta. 9+79 @ Curve

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. 9+79	18'	1786	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. 9+79	18'	1786	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.			125	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. 9+79	1'	12	Cubic Yard

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

Begin @ Sta. 0+00 At South Edge of Service Rd. to Sta. 9+79 @ Curve

Item	Description	Length	Width	Quantity	Unit
701-13-01140	Storm Drain Pipe (18" CMPA): All labor, materials and equipment necessary to remove/replace 18" CMPA. 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. Drain pipe shall be bituminous coated.	Sta. 9+68	L C/L	40	Linear Foot
510-01-00100	Slope Paving (3") (Type 3 Mix PG 67-22): When the use of mechanical finishing equipment is not practical, the mix may be placed and finished by hand to the satisfaction of the engineer. No casting will be allowed including casting the mixture from the truck to the grade. Asphalt is to be 3" thick and used to reduce the amount of erosion. This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges.	Sta. 1+22 to Sta. 4+00	L. And R C/L	48	Ton
741-11-00100	Adjust Water Valve with Adjustment Rings: All labor, materials, equipment and supervision necessary to furnish and install mainline water valve adjustment rings in accordance with the LADOTD Standard Specifications for Roads and Bridges, Section 702, Latest Edition.			1	Each
702-03-00100	Catch Basin (CB-01): 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, All catch basins shall have TYPE "C" grate. Catch Basin shall be pre-cast concrete or concrete formed in place only.	Sta. 9+68	L C/L	1	Each

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

Begin @ Sta. 0+00 Edge of Hawthorne Hollow to Sta. 7+91 EOP @ End of Circle

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 Edge of Hawthorne Hollow to Sta. 7+91 EOP @ End of Circle

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
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. 0+00 to Sta. 7+91	20'	1959	Square Yard
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. 0+00 to Sta. 7+91	20'	1959	Square Yard

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

Begin @ Sta. 0+00 Edge of Hawthorne Hollow to Sta. 7+91 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
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.			150	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.			7	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. 7+91	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 Copal to Sta.12+40 EOP @ Joint of Newer Pavement

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 North Edge of Copal to Sta.12+40 EOP @ Joint of Newer Pavement

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
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. 0+00 to Sta. 12+40	19'	2633	Square Yard
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. 0+00 to Sta. 12+40	19'	2633	Square Yard

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

Begin @ Sta. 0+00 North Edge of Copal to Sta.12+40 EOP @ Joint of Newer Pavement

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>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.</p>			300	Square Yard
502-01-00200	<p>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.</p>			32	Ton

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

Begin @ Sta. 0+00 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

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 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

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. 11+28	20'	2527	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. 11+28	20'	2527	Square Yard

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

Begin @ Sta. 0+00 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

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. 11+28	19'	2354	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. 11+28	19'	2354	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.			68	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. 11+28	1'	14	Cubic Yard

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

Begin @ Sta. 0+00 @ South Edge of Copal to Sta. 11+28 Past Last Driveway

Item	Description	Length	Width	Quantity	Unit
701-04-01020	Storm Drain Pipe (18" Equivalent RCPA): All labor, materials and equipment necessary to remove/replace 18" 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. 11+20	L C/L	24	Linear Foot

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

Begin @ Sta. 0+00 @ Black River Dr. to Sta. 35+59 @ Beginning of Cul de Sac

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 @ Black River Dr. to Sta. 35+59 @ Beginning of Cul de Sac

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
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. 0+00 to Sta. 35+59	20'	8010	Square Yard
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. 0+00 to Sta. 35+59	20'	8010	Square Yard

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

Begin @ Sta. 0+00 @ Black River Dr. to Sta. 35+59 @ Beginning of Cul de Sac

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>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.</p>			500	Square Yard
715-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 35+59	1'	34	Cubic Yard

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

Begin @ Sta. 0+00 @ NE Edge of Black River Dr. to Sta. 8+76 EOP @ End of Circle

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 required for Mill and Overlay to improve road surfaces.</p>				
727-01	<p>Mobilization: All labor, materials, equipment and supervision 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 @ NE Edge of Black River Dr. to Sta. 8+76 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
713-01	<p>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.</p>			1	Lump Sum
501-01-00000-A	<p>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.</p>	Sta. 0+00 to Sta. 8+76	20'	2002	Square Yard
509-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 8+76	20'	2002	Square Yard

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

Begin @ Sta. 0+00 @ NE Edge of Black River Dr. to Sta. 8+76 EOP @ End of Circle

Item	Description	Length	Width	Quantity	Unit
510-01-00200	<p>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.</p>			200	Square Yard
715-01-00100	<p>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.</p>	Sta. 0+00 to Sta. 8+76		8	Cubic Yard

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