



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

April 27, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 1

Bid#: 306-00-18-17-2

Project Name: 2018 District 6 Road Improvements

Bid Due Date: Wednesday, May 2, 2018

GENERAL INFORMATION:

1. Please remove "Driftwood Lane Specification" from Section 03 and replace with "Driftwood Lane Specification Revised". (Attached)
2. Please remove "Herman Singletary Rd Specification" from Section 03 and replace with "Herman Singletary Rd Specification Revised". (Attached)
3. Please remove "Howard O' Berry Rd Ext Specification" from Section 03 and replace with "Howard O' Berry Rd Ext Specification Revised". (Attached)
4. Please remove "Ida Quave Rd Specification" from Section 03 and replace with "Ida Quave Rd Specification Revised". (Attached)
5. Please remove "Marvin Grantham Rd Specification" from Section 03 and replace with "Marvin Grantham Rd Specification Revised". (Attached)
6. Please remove "Morgan Galloway Rd Specification" from Section 03 and replace with "Morgan Galloway Rd Specification Revised". (Attached)
7. Please remove "Omaha Ct Specification" from Section 03 and replace with "Omaha Ct Specification Revised". (Attached)
8. Please remove "Robert Rd Specification" from Section 03 and replace with "Robert Rd Specification Revised". (Attached)
9. Please remove "SE Robert Rd Specification" from Section 03 and replace with "SE Robert Rd Specification Revised". (Attached)
10. Please remove "Simalusa Dr. Specification" from Section 03 and replace with "Simalusa Dr. Specification Revised". (Attached)
11. Please remove "Warrior Trace Specification" from Section 03 and replace with "Warrior Trace Specification Revised". (Attached)
12. Please remove "Warrior Trace (Section 2) Specification" from Section 03 and replace with "Warrior Trace (Section 2) Specification Revised". (Attached)

ATTACHMENTS

1. "Driftwood Lane Specification Revised.pdf"
2. "Herman Singletary Rd Specification Revised.pdf"
3. "Howard O' Berry Rd Ext Specification Revised.pdf"
4. "Ida Quave Rd Specification Revised.pdf"
5. "Marvin Grantham Rd Specification Revised.pdf"
6. "Morgan Galloway Dr. Specification Revised.pdf"
7. "Omaha Ct. Specification Revised.pdf"
8. "Robert Rd Specification Revised.pdf"
9. "SE Robert Specification Revised.pdf"
10. "Simalusa Dr. Specification Revised.pdf"
11. "Warrior Trace Specification Revised.pdf"
12. "Warrior Trace (Section 2) Specification Revised.pdf"

End of Addendum # 1

Begin @ Sta. 0+00 @ West Edge of Sticker Rd. to Sta. 5+00 EOP @ End of Road by Light Pole

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

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

Begin @ Sta. 0+00 @ West Edge of Sticker Rd. to Sta. 5+00 EOP @ End of Road by Light Pole

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 5+00	16'	840	Square Yard
303-01-00150	Portland Cement Stabilized Base: All labor, materials and equipment necessary to mix Portland cement into the existing sub-base to a minimum depth of 8" and a minimum 8% by volume. Treatment shall also consist of compacting, finishing and curing in accordance with LA DOTD Standard Specifications for Roads and Bridges, Section 303. The Project Engineer reserves the option of increasing or decreasing the percent cement based on field conditions.	Sta. 0+00 to Sta. 5+00	16'	840	Square Yard

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

Begin @ Sta. 0+00 @ West Edge of Sticker Rd. to Sta. 5+00 EOP @ End of Road by Light Pole

Item	Description	Length	Width	Quantity	Unit
501-01-00000	1.5" Asphalt Binder Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501, Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch bank. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix.</u>	Sta. 0+00 to Sta. 5+00	15'	788	Square Yard
501-01-00001	1.5" Asphalt Wearing Course (Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to furnish and construct one or more courses of asphaltic concrete mixture applied hot in conformance with LA DOTD Standard Specifications for Roads and Bridges, Section 501. Table 501-1. Mixture shall consist of aggregates and asphalt with additives combined in proportions which meet the requirements of this section. Equipment and processes shall conform to Section 501 of LA DOTD Standard Specifications for Roads and Bridges, 2000 Edition. <u>This item references the 2000 Edition of LA Standard Specifications for Roads and Bridges. All other items reference the 2006 Edition of LA DOTD Standard Specifications for Roads and Bridges. All asphalt driveways shall be paved to the back of ditch. Reclaimed Asphaltic Pavement (RAP) will not be allowed in the mix. Wearing course cannot be installed until the binder course sufficiently cools enough to put traffic on without damaging or cause any rutting to the binder course.</u>	Sta. 0+00 to Sta. 5+00	15'	788	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 5+00	1'	6	Cubic Yard

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

Begin @ Sta. 0+00 @ West Edge of Sticker Rd. to Sta. 5+00 EOP @ End of Road by Light Pole

Item	Description	Length	Width	Quantity	Unit
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>			22	Ton

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

Begin @ Sta. 0+00 West Edge of Hwy 41 to Sta. 15+60 Around 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 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 West Edge of Hwy 41 to Sta. 15+60 Around 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. <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. 15+60	16'	2702	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. 15+60	16'	2871	Square Yard

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

Begin @ Sta. 0+00 West Edge of Hwy 41 to Sta. 15+60 Around Circle

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 RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 15+60	1'	14	Cubic Yard
510-01-00200	Full Depth Asphalt Patching (12" Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to remove and replace asphalt pavement at locations specified by the Project Engineer/Project Inspector and in accordance with the LA DOTD Standard Specifications for Roads and Bridges, Section 510. All material shall be removed to minimum depth of 12" and replaced with a minimum 12" of asphalt. Removed materials, including large asphalt patches, shall be disposed of outside and away from the project site at no direct pay. The repaired asphalt shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operations and shall maintain the roadbed in satisfactory condition at all times, including the asphalt patch. Any damage shall be repaired immediately by the contractor at no direct pay. Patch shall be compacted in minimum 2 equal lifts.			200	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.			47	Ton

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

Begin @ Sta. 0+00 @ East Edge of Howard O'Berry to EOP @ Curve in Roadway

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 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 @ East Edge of Howard O'Berry to EOP @ Curve in Roadway

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. <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. 10+24	20'	2276	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. 10+24	20'	2276	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Howard O'Berry to EOP @ Curve in Roadway

Item	Description	Length	Width	Quantity	Unit
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 10+24	1'	10	Cubic Yard
510-01-00200	Full Depth Asphalt Patching (12" Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to remove and replace asphalt pavement at locations specified by the Project Engineer/Project Inspector and in accordance with the LA DOTD Standard Specifications for Roads and Bridges, Section 510. All material shall be removed to minimum depth of 12" and replaced with a minimum 12" of asphalt. Removed materials, including large asphalt patches, shall be disposed of outside and away from the project site at no direct pay. The repaired asphalt shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operations and shall maintain the roadbed in satisfactory condition at all times, including the asphalt patch. Any damage shall be repaired immediately by the contractor at no direct pay. Patch shall be compacted in minimum 2 equal lifts.			91	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.			43	Ton

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

Begin @ Sta. 0+00 @ East Edge of Sticker Rd. to Sta. 2+60 @ Gate

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

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

Begin @ Sta. 0+00 @ East Edge of Sticker Rd. to Sta. 2+60 @ Gate

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	LS
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. 2+60	16'	479	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. 2+60	16'	479	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Sticker Rd. to Sta. 2+60 @ Gate

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. 2+60	15'	398	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. 2+60	15'	398	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. 2+60	1'	4	Cubic Yard

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

Begin @ Sta. 0+00 @ East Edge of Sticker Rd. to Sta. 2+60 @ Gate

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.			24	Ton

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

Begin @ Sta. 0+00 East Edge of Sticker Rd. to Sta. 13+73 @ gate

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

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

Begin @ Sta. 0+00 East Edge of Sticker Rd. to Sta. 13+73 @ gate

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	LS
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. 13+73	15'	2332	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. 13+73	15'	2332	Square Yard

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

Begin @ Sta. 0+00 East Edge of Sticker Rd. to Sta. 13+73 @ gate

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. 13+73	14'	2088	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. 13+73	14'	2088	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 13+73	1'	17	Cubic Yard

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

Begin @ Sta. 0+00 East Edge of Sticker Rd. to Sta. 13+73 @ gate

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

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

Begin @ Sta. 0+00 @ East Edge of Jack Crawford Rd. to Sta.17+92 @ 46' PAST Light Pole

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 2" Mill and 2" Overlay And Reconstruct.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	Lump Sum

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

Begin @ Sta. 0+00 @ East Edge of Jack Crawford Rd. to Sta.17+92 @ 46' PAST Light Pole

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. <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. 12+90	15'	2184	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+90	15'	2103	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Jack Crawford Rd. to Sta.17+92 @ 46' PAST Light Pole

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. 12+90 TO Sta. 17+92	15'	760	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. 12+90 TO Sta. 17+92	15'	760	Square Yard
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. 12+90 TO Sta. 17+92	16'	944	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Jack Crawford Rd. to Sta.17+92 @ 46' PAST Light Pole

Item	Description	Length	Width	Quantity	Unit
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. 12+90 TO Sta. 17+92	16'	944	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 17+92	1'	22	Cubic Yard
510-01-00200	Full Depth Asphalt Patching (12" Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to remove and replace asphalt pavement at locations specified by the Project Engineer/Project Inspector and in accordance with the LA DOTD Standard Specifications for Roads and Bridges, Section 510. All material shall be removed to minimum depth of 12" and replaced with a minimum 12" of asphalt. Removed materials, including large asphalt patches, shall be disposed of outside and away from the project site at no direct pay. The repaired asphalt shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operations and shall maintain the roadbed in satisfactory condition at all times, including the asphalt patch. Any damage shall be repaired immediately by the contractor at no direct pay. Patch shall be compacted in minimum 2 equal lifts.	TBD		200	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.			60	Ton

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

Begin @ Sta. 0+00 @ East Edge of Jack Crawford Rd. to Sta.17+92 @ 46' PAST Light Pole

Item	Description	Length	Width	Quantity	Unit
701-04-01000	Storm Drain Pipe (15" Equivalent RCPA): All labor, materials and equipment necessary to remove/replace 15" Equivalent RCPA. Item shall include all required saw-cutting, excavation, backfill material and embankment. Item shall include removal and replacement of all unsuitable material as identified by St. Tammany Parish Engineering Department personnel. All pipe joints shall be wrapped with suitable geotextile fabric. Contractor installed pipe shall be cleaned of all debris and other materials prior to final acceptance. Storm drain pipe installation shall be in accordance with Section 701 of LADOTD Standard Specifications.	Sta. 16+04XC		48	Linear Foot
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. 0+06XC		40	Linear Foot

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

Begin @ Sta. 0+00 @ East Edge of Churchill Downs Rd. to 7+37 @ End 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 necessary to improve road surfaces with: Reconstruction.</p>				
727-01	<p>Mobilization: All labor and materials necessary to accomplish preparatory work and operations, including those necessary for movement of personnel, equipment, supplies and incidentals to the project site.</p>			1	LS

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

Begin @ Sta. 0+00 @ East Edge of Churchill Downs Rd. to 7+37 @ End 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	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 7+37	21'	2130	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. 7+37	21'	2130	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Churchill Downs Rd. to 7+37 @ End of Cul De Sac

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. 7+37	20'	1927	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. 7+37	20'	1927	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. 7+37	1'	11	Cubic Yard

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

Begin @ Sta. 0+00 @ East Edge of Churchill Downs Rd. to 7+37 @ End of Cul De Sac

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.			29	Ton

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

Begin @ Sta. 0+00 @ East Edge of Section Rd. to Sta. 13+42 @ EOP @ East Edge of SE Robert Rd

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

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

Begin @ Sta. 0+00 @ East Edge of Section Rd. to Sta. 13+42 @ EOP @ East Edge of SE Robert Rd

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 13+42	18'	2872	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. 13+42	18'	2872	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Section Rd. to Sta. 13+42 @ EOP @ East Edge of SE Robert Rd

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. 13+42	17'	2408	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. 13+42	17'	2408	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 13+42		16	Cubic Yard

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

Begin @ Sta. 0+00 @ East Edge of Section Rd. to Sta. 13+42 @ EOP @ East Edge of SE Robert Rd

Item	Description	Length	Width	Quantity	Unit
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>			64	Ton

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

Begin @ Sta. 0+00 @ West Edge of Robert Rd. #3 Going West to Station 13+68

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

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

Begin @ Sta. 0+00 @ West Edge of Robert Rd. #3 Going West to Station 13+68

Item	Description	Length	Width	Quantity	Unit
713-01	Temporary Signs and Barricades: All labor, materials, equipment and supervision necessary to furnish, install, maintain and remove temporary construction barricades, precast concrete barriers, lights, signals, pavement markings and signs, including project signs ; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public. Unless otherwise noted in the plans or special provisions this work also includes traffic control management in compliance with contract documents and the Manual on Uniform Traffic Control Devices (MUTCD), including the installation, inspection, maintenance, and removal of all traffic control devices on the project. This item shall not be construed to relieve the contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances. Signs, barricades, barriers, channelizing devices, pavement markings, etc., shall comply with plan details, the MUTCD and Section 713 of LADOTD Standard Specifications for Roads and Bridges, Latest Edition. Construction work shall not begin until signs, barricades, project signs and other traffic devices have been erected and approved.			1	LS
306-01-00200	Scarify and Compact Roadbed: All labor, materials, equipment and supervision necessary to scarify, shape, and compact the existing roadbed to form a sub-base in accordance with these specifications and LA DOTD Standard Specifications for Roads and Bridges, Section 306. Existing materials shall be reclaimed into the soil (unless otherwise noted) and scarified for the full width of the roadbed to a minimum depth of 8", shaped to the required section, and uniformly compacted to at least 95 percent of maximum dry weight density. Any damage to the scarified roadbed prior to compaction shall be corrected at no direct pay. The scarified, shaped and compacted roadbed shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operation and shall maintain the roadbed in satisfactory condition at all times, including the asphalt prime coat. Any damage shall be repaired immediately by the contractor at no direct pay.	Sta. 0+00 to Sta. 13+68	13' to 15'	2209	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. 13+68	13' to 15'	2209	Square Yard

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

Begin @ Sta. 0+00 @ West Edge of Robert Rd. #3 Going West to Station 13+68

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. 13+68	12' to 15'	2056	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. 13+68	12' to 15'	2056	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 13+68	1'	17	Cubic Yard

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

Begin @ Sta. 0+00 @ West Edge of Robert Rd. #3 Going West to Station 13+68

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.			40	Ton

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

Begin @ Sta. 0+00 @ East Edge of Hwy 1129 to Sta. 39+00 @ Squaw Ct.

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

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

Begin @ Sta. 0+00 @ East Edge of Hwy 1129 to Sta. 39+00 @ Squaw Ct.

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	LS
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. 39+00	22'	9409	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. 39+00	22'	9409	Square Yard

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

Begin @ Sta. 0+00 @ East Edge of Hwy 1129 to Sta. 39+00 @ Squaw Ct.

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. 39+00	21'	8981	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. 39+00	21'	8981	Square Yard
401-02-00100	RAP Shoulder Material: LA DOTD Standard Specification for Roads and Bridges, Section 401. All labor, materials and equipment necessary to furnish and place RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 39+00	1'	48	Cubic Yard

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

Begin @ Sta. 0+00 @ East Edge of Hwy 1129 to Sta. 39+00 @ Squaw Ct.

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.			73	Ton

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

Begin @ Sta. 0+00 @ South Side of Lost Tree to EOP Sta. 40+54

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 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 @ South Side of Lost Tree to EOP Sta. 40+54

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. <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. 40+54	21'	8850	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. 40+54	21'	8850	Square Yard

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

Begin @ Sta. 0+00 @ South Side of Lost Tree to EOP Sta. 40+54

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.		1'	32	Cubic Yard
510-01-00200	Full Depth Asphalt Patching (12" Type 3 Mix With PG 67-22): All labor, materials, equipment and supervision necessary to remove and replace asphalt pavement at locations specified by the Project Engineer/Project Inspector and in accordance with the LA DOTD Standard Specifications for Roads and Bridges, Section 510. All material shall be removed to minimum depth of 12" and replaced with a minimum 12" of asphalt. Removed materials, including large asphalt patches, shall be disposed of outside and away from the project site at no direct pay. The repaired asphalt shall have a smooth, uniform surface, free from ridges, waves, depressions or loose material. The re-compacted roadbed shall be primed in accordance with Section 505. The contractor shall protect the compacted roadbed from damage due to either public traffic or construction operations and shall maintain the roadbed in satisfactory condition at all times, including the asphalt patch. Any damage shall be repaired immediately by the contractor at no direct pay. Patch shall be compacted in minimum 2 equal lifts.			400	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.			34	Ton

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

Begin @ Sta. 0+00 @ Pavement Change to Sta. 31+05 @ Similusa Dr.

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

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Begin @ Sta. 0+00 @ Pavement Change to Sta. 31+05 @ Similusa Dr.

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. <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. 31+50	21'	7355	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. 31+50	21'	7355	Square Yard

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Begin @ Sta. 0+00 @ Pavement Change to Sta. 31+05 @ Similusa Dr.

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 RAP as an aggregate surface course for shoulder material (Adjusted Vehicular Measurement). Contractor shall place specified shoulder material flush with the asphalt wearing surface course to a maximum of 12" wide. This material shall be graded uniformly throughout the project. Should any excess incidental construction material extend beyond the 12" maximum limit, the material shall be removed and properly disposed of off-site. The finished specified shoulder material shall not consist of any foreign material that is not contained with the parent material.	Sta. 0+00 to Sta. 31+50	1'	30	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.			50	Ton

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