

CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT

ADDENDUM NO. 1 TO 18-0067-4

FOR: PAVEMENT REHABILITATION 2017-2018

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PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:

1. REPLACE current *Special Conditions* Section with the attached REVISED *Special Conditions* Section. ( 6 pages)
2. REPLACE current *Bid Sheets* with the attached REVISED *Bid Sheets* ( 2 pages)
3. REPLACE current *Location Map* with the REVISED *Location Map* ( 1 page)
4. REPLACE current *TYPICAL SECTION 1* with the attached REVISED *TYPICAL SECTION 1* (1 page )
5. REPLACE current *Summary of Quantities* (SOQ) with the attached REVISED *SOQ* ( 2 pages)

Response to Questions:

Q. Where milling is anticipated into the Soil Cement Base what will be the Contractors responsibility if the base fails? Will undercut be required at the GDOT price?

A. If the base material fails in small areas, patching will be required with the unit prices set up for deep patching and 19mm asphalt. If large areas of base fail the existing base material will be removed and one lift of 25mm asphalt base will be placed on the same day. Prices for the 25mm asphalt and removal of base material will be negotiated by change order. Any undercut of unsuitable subgrade material required will be accomplished as per GDOT Standard Specification Section 270 with the exception that the price will be \$15/CY for the first 750 CY.

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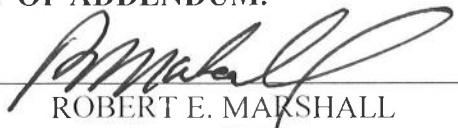
**NOTE: BID OPENING REMAINS:**

**2PM, THURSDAY, JULY 12, 2018**

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THE PROPOSER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.

7/2/18  
DATE

  
\_\_\_\_\_  
ROBERT E. MARSHALL  
SENIOR PROCUREMENT SPECIALIST  
CHATHAM COUNTY

**SPECIAL CONDITIONS**  
**PAVEMENT REHABILITATION 2017 / 2018**

1. **DESCRIPTION OF WORK:** The work will consist of furnishing all materials, labor and equipment for:

Four and a half miles of pavement rehabilitation and resurfacing on fourteen county roads including Boswell Court, Calibogue Rd, Cedar Cove, Cypress Cove, Johnny Mercer Blvd, Lancaster Road, Landon Lane, Pointe South Drive, Runner Road, Salisbury Road, Sheftall Cove, Steerforth Rd, Wellington Road, and Woodlawn Drive.

Location maps, typical sections and special provisions for the project are included in and made a part of this proposal. It is the responsibility of the contractor to make sure they have seen and fully understand these documents before bidding on the work.

All work under this contract shall be done in accordance with the Georgia Department of Transportation (GDOT) Standard Specifications, latest edition and subsequent supplemental specifications; the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) and the following Special Provisions which are available on the GDOT website at <http://www.dot.ga.gov/PS/Business/Source>: 150 Traffic Control, 415 Asphaltic Concrete Open Graded Interlayer, and 802 Aggregates for Asphaltic Concrete. Special Provisions for Prompt Payment and Sampling and Testing included in this proposal will also apply.

Contract administration and inspection will be performed by Chatham County.

All materials used in the process of completion of the work included in the contract will be furnished from Georgia Department of Transportation certified suppliers only as per the GDOT Qualified Products List available on the website:  
<http://www.dot.ga.gov/PS/Materials/QPLCategories>.

The Prime Contractor must be pre-qualified by GDOT at the time of the bid opening. All subcontractors must be qualified or registered by GDOT prior to beginning work on the project. All subcontractors must be listed in the bid package or approved by the County in writing prior to performing work on the project.

It is the responsibility of the bidder to carefully examine and fully understand the construction contract, plans, technical specifications and other documents hereto attached and make a personal examination of the site of the proposed work, and satisfy him or herself as to the actual conditions and requirements of the work.

The bidder further agrees that the cost of any work performed, materials furnished, services provided, or expenses incurred, which are not specifically delineated in the contract documents but which are incidental to the scope, intent, and completion of the contract, shall be deemed to have been included in the prices bid for the various items scheduled.

2. **COMMENCEMENT AND COMPLETION:** The Contractor shall agree to commence work under this contract within ten (10) working days after the Notice to Proceed is issued, and complete all work within 120 calendar days after the 10-day period. The Contractor shall work

continuously on the project after the Notice to Proceed is issued. Time charges will stop when all pay item work is complete.

The contractor will have 45 days to complete any punchlist work after final inspection is performed and the punchlist is provided. Time charges will resume after the 45 days and continue until all punchlist work is complete.

### **Intermediate Deadlines**

1. Milled surfaces shall be resurfaced as follows:
  - a. Asphalt shall be covered within 7 calendar days.
  - b. Soil cement shall be covered within 48 hours.
2. OGI shall be covered within 48 hours.

3. **LIQUIDATED DAMAGES:** Failure to complete all work within 120 calendar days plus any extension authorized in writing by the County Engineer shall entitle the County to deduct as "Liquidated Damages" from the monies due the Contractor the amount of \$250 for each calendar day in excess of the authorized construction time. The Georgia Department of Transportation schedule for liquidated damages will not be used.

Failure to meet any of the intermediate deadlines outlined above in the section for Commencement and Completion plus any extension authorized in writing by the County Engineer shall entitle the County to deduct as "Liquidated Damages" from the monies due the Contractor the amount of \$200 for each calendar day in excess of the authorized construction time and the Contractor will be required to make corrections or complete any patching required due to traffic on exposed surfaces at their own expense.

Failure to complete the punchlist work within 45 days after the contract time of 120 calendar days shall entitle the County to deduct as "Liquidated Damages" from the monies due the Contractor the amount of \$250 for each calendar day in excess of authorized construction time.

4. **MAINTENANCE:** Once the Notice to Proceed has been issued, the Contractor is held responsible for all maintenance within the limits of the project throughout the duration of the contract without exception.

5. **PRECONSTRUCTION CONFERENCE:** The Project Manager and Project Superintendent of the Prime Contractor shall attend a pre-construction conference prior to commencing any work. Subcontractors are encouraged to attend.

6. **CONSTRUCTION SCHEDULE:** The Contractor shall prepare a detailed schedule showing progress dates and completion dates of all phases of construction, including the critical path for the project. The schedule must be submitted and approved prior to commencement of work.

7. **PAYMENT:** Quantities are approximate and payment shall be for measurements of actual in-place work as per the plans and specifications. Any quantities exceeding the contract amount shall be requested by the Contractor in writing, for approval by the County Engineer, prior to the work

being performed. Payment will not be made for additional quantities without prior, written approval of the County Engineer.

8. **TRAFFIC CONTROL:** Traffic Safety is paramount. All roads must be open to traffic at all times. The Contractor will be responsible for all traffic control, in accordance with the Manual on Uniform Traffic Control Devices, GDOT standards and details, Special Provision 150 and all other safety measures that will enhance the safety of the construction site. All costs associated with this work shall be included in the bid price for traffic control. The Contractor shall submit a traffic control plan for approval prior to beginning any work. Any changes to the approved traffic control plan must be submitted and approved in writing.

9. **INCIDENTAL ITEMS OF CONSTRUCTION:** The cost associated with any incidental items of construction in which no specific pay items are set up for shall be included in the overall cost of the project.

10. **FORCE ACCOUNT:** When no agreement is reached for additional work to be done at Lump Sum or Unit Prices, then such additional work shall be done based on the following Cost-Plus-Percentage basis of payment. The Georgia Department of Transportation specifications for the use of a force account will not be used.

a. For work performed by the prime contractor/general contractor, the contractor shall be reimbursed for actual cost incurred in doing the work, and an additional payment of 15% to cover overhead and profit.

b. For work performed by a sub-contractor, the sub-contractor shall be reimbursed for actual cost incurred in doing the work, and an additional payment of 10% to cover overhead and profit. The contractor shall be allowed an overhead and profit mark-up not to exceed 7% on the subcontractor's price. The County shall not recognize subcontractors of subcontractors.

c. The term "Actual Cost" shall include the cost of material and labor as follows:

- i. Material cost - Direct cost of material, sales tax, freight and equipment rental.
- ii. Labor cost - Man hour cost listed separately by trade, payroll costs including workman's compensation, social security, pension and retirement.

d. The term "Overhead and Profit" shall include bonds (Payment & Performance, Roof & Wall), insurance (Liability, Builders Risk), permits, supervision costs (cost of subcontractor to supervise own work, cost of contractor to supervise work of sub-contractor), proposal preparation and all administrative costs.

11. **PRECONSTRUCTION INSPECTION:** A preconstruction DVD or CD of photographs is required and must be submitted to Chatham County Department of Engineering for approval prior to the start of work. Each road should be filmed and labeled individually on the disk. Special emphasis shall be given to record the existing condition of roadway pavement, signs, driveways, utilities and any other improvements within 20 feet of the project limits.

12. **BITUMINOUS TACK:** Only Asphalt Cement, performance grade PG 58-22, PG 64-22 or PG 67-22 will be allowed. Emulsified asphalt shall not be used.

13. **WORK HOURS:** Contractor work hours shall be restricted to daylight hours on weekdays unless specifically approved otherwise at least 48 hours in advance. Approval is at the discretion of the County Engineer.

14. **UTILITIES:** The Contractor will be responsible for all utility coordination and protection of utility facilities.

15. **PRIME CONTRACTOR SUPERINTENDENT:** A qualified Superintendent of the prime contractor shall be on-site at all times during construction activities, including those of subcontractors. A sub-contractor will not be an approved representative of the prime contractor. If the Superintendent is not present to control the work, work may be suspended by County personnel until such time as the Superintendent is on-site and has adequately addressed any problems or concerns.

16. **DEEP PATCHING:** The bid price for this item is to include all labor and equipment for the excavation and removal of a minimum of 8 inches of existing materials and grading and compaction of subgrade. The subgrade shall be free of any and all organics to a depth of 6 inches. Patches will be 6 inches of 19mm asphalt placed in two lifts of 3 inches. The asphalt will be paid for separately. Patching is expected on Boswell Ct, Cedar Cv, Lancaster Rd, Sheftall Cv, and Wellington Rd. Areas to be patched along with locations can be found in the "Road Listing". Chatham County department of engineering will also mark the areas to be patched prior to the work being performed.

17. **HERBICIDE:** All areas of pavement must be sprayed with herbicide as needed to kill any existing grass growing in or through the pavement, in the gutters or between the roadway and gutter at least one week prior to beginning paving operations.

18. **GRADING COMPLETE:** Grading Complete for this project should include but is not limited to: borrow material, hauling and placing or excavating material as needed, grading shoulders and driveways, adjusting water valves to grade, tree trimming as needed to allow for paving operations, cleaning gutters throughout the paving limits and other miscellaneous work as required. Shoulder grading will be required on Johnny Mercer Blvd and Woodlawn Dr. Some grading may require hand work around existing trees, landscaping and mailboxes. If mailboxes must be moved to complete shoulder work, the Contractor is responsible for removing and replacing them on the same day. Shoulder building shall not begin until at least three days after the paving is complete. The Contractor will be responsible for removal and replacement of any damaged pavement surface as per GDOT specifications.

19. **GRASSING:** Graded areas shall be stabilized daily with either grass or mulch. Grassing shall be completed within 7 days of disturbance. It will be the Contractors responsibility to maintain all areas until a final stand of grass is established and accepted. This includes watering, mowing, reseeding, additional applications of mixed grade fertilizer or other miscellaneous work as related to maintenance of the grass as needed. The cost for this work shall be included in the bid price for temporary and permanent grassing. The Contractor is responsible for keeping sediment from entering storm drainage structures or leaving the site. Additional Best Management Practice

(BMP) devices may be required and will not be measured separately for payment but will be included in the overall bid for the project.

20. **DRIVEWAYS:** Pave the existing asphalt and concrete driveways up to 5 feet back as needed for a smooth and well drained transition matching the existing width. Grade gravel and dirt drives three inches down and pave with 3 inches of topping asphalt 5 feet back at a minimum width of 14 feet and a maximum width of 20 feet. If the existing dirt/gravel driveways width is between 14 and 20 feet, match existing width.

21. **MISCELLANEOUS CONCRETE:** All concrete work shall be coordinated with paving operations on said roads to ensure no damage to either the new concrete or new asphalt. The curb and gutter, swale and fillet shall be installed such that positive drainage is achieved. The curb and gutter shall be constructed using GDOT standards and to match existing. Areas behind curb and gutter that are disturbed for form work shall be graded back and grassed to match existing yard immediately after forms are removed. The cost associated with this shall be included in the bid price for curb and gutter line items. The swales and fillets shall conform to the details included in this proposal as well as to best match existing. Some survey work may be required to ensure adequate drainage. The catch basin tops shall be constructed using GDOT standard 1033 and to match existing dimensions.

22. **SIGNS:** Refer to “Sign Replacement” listing in this proposal for signs to be replaced following GDOT details T-1 and T-3A and the Manual on Uniform Traffic Control Devices. Stop signs shall be replaced immediately after removal. The old signs will become the property of the contractor and the cost of removal included in the bid price for the signs.

23. **NOTIFICATION OF WORK:** The Contractor will be responsible for providing written notice to property owners along roads with on street parking a minimum of 48 hours in advance of the work.

24. **SAMPLING AND TESTING OF MATERIALS:** All sampling and testing services shall be performed by an independent testing agency accepted by the County Engineer, at the Contractor’s expense. All sampling testing required for the project will be in accordance with the GDOT Sampling, Testing and Inspection Guidelines except as revised in the attached Special Provision – Sampling and Testing of Materials. It is understood that these are the minimum testing requirements and that additional testing may be requested by the Engineer, as needed. A copy of all test reports shall be sent to the Project Manager and must be received prior to placement of the next lift if applicable and prior to any payment for the work. Written field reports are acceptable for compaction testing to expedite construction. Verbal approval will not be acceptable. The cost associated with testing shall be included in the bid price for that item.

25. **FIELD CONDITION ALLOWANCE:** The field condition allowance shown on the bid sheet shall belong to Chatham County. The purpose of this Allowance is to allow the County to designate actions associated with completion of the project which are not indicated on the plans, but which are dictated by field conditions. Bidders shall not use this Allowance to assume any Contractor costs known or unknown at the bidding. Chatham County must approve use of the Allowance. All bidders shall include this Field Condition Allowance within their base bid. Any unused allowance shall revert to Chatham County.

**PROPOSAL INDEX:** This proposal includes the following attachments for your information:

- Location Map
- Typical Sections and Details
- Road Listing
- Turn Out Listing
- Sign Replacement List
- Concrete Replacement List
- A Summary of Quantities
- Special Provision for Prompt Payment
- Special Provision for Sampling and Testing
- Asphalt Core Report

**PAVEMENT REHABILITATION 2017 / 2018  
BID SHEET**

Item No.	Description	Unit	Est. Quantity	Unit Price	Total
150-1000	TRAFFIC CONTROL	LS	1		
163-0232	TEMPORARY GRASSING	AC	3		
163-0240	MULCH	TN	10		
210-0100	GRADING COMPLETE	LS	1		
231-1000	DEEP PATCHING	SY	110		
402-3100	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TP 1	TN	4050		
402-3103	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TP 2	TN	1130		
402-3190	RECYCLED ASPH CONC 19 MM SP	TN	1300		
402-4317	6 IN RECYCLED ASPH CONC 19 MM SUPERPAVE	SY	110		
413-1000	BITUM TACK COAT	GL	6500		
415-1000	ASPH CONC OGI, GP BLEND	TN	3300		
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	61700		
441-4020	CONC VALLEY GUTTER, 6 IN	SY	11		
441-6002	CONC CURB & GUTTER, 6 IN X 18 IN, TP 2	LF	10		
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	405		
441-6013	CONC CURB & GUTTER, 6 IN X 24 IN, ROLL CURB	LF	62		
500-3801	CONC SWALE, 4 FT W X 6.5 IN D, CL A CONC INCL REINF STEEL	LF	110		
500-3802	CONC SWALE, 5 FT W X 6.5 IN D, CL A CONC INCL REINF STEEL	LF	30		
500-3803	CONC FILLET AT INTERSECTION, 6 IN DEPTH INCL REINF STEEL	SY	100		
611-8050	ADJUST MANHOLE TO GRADE	EA	7		
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 9	SF	21		
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 11	SF	50		
636-2070	GALV STEEL POSTS, TP 7	LF	270		
647-6200	LOOP DETECTOR, 6FT X 6FT, BIPOLE	EA	1		
653-0110	THERMOPLASTIC PVMT MARKING,ARROW, TP 1	EA	2		
653-0120	THERMOPLASTIC PVMT MARKING,ARROW, TP 2	EA	1		
653-0210	THERMOPLASTIC PVMT MARKING,WORD, TP 1	EA	1		
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	370		
653-2501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LM	2.31		
653-2502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LM	1.21		
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	150		
653-4502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	GLM	0.76		



654-1000	BLUE RAISED PVMT MARKERS, TP 1	EA	34		
654-1001	RAISED PVMT MARKERS, TP 1	EA	270		
668-1101	CATCH BASIN TOP	EA	2		
700-6910	PERMANENT GRASSING	AC	3		
700-7000	AGRICULTURAL LIME	TN	3		
700-8000	FERTILIZER MIXED GRADE	TN	2		

999-9000	FIELD CONDITION ALLOWANCE	LS	1	\$25,000.00	\$25,000.00
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Total Bid (Round off to whole dollar)

\_\_\_\_\_  
Name/ Title

\_\_\_\_\_  
Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Phone/ Fax Numbers

\_\_\_\_\_  
E-mail

# Location Map

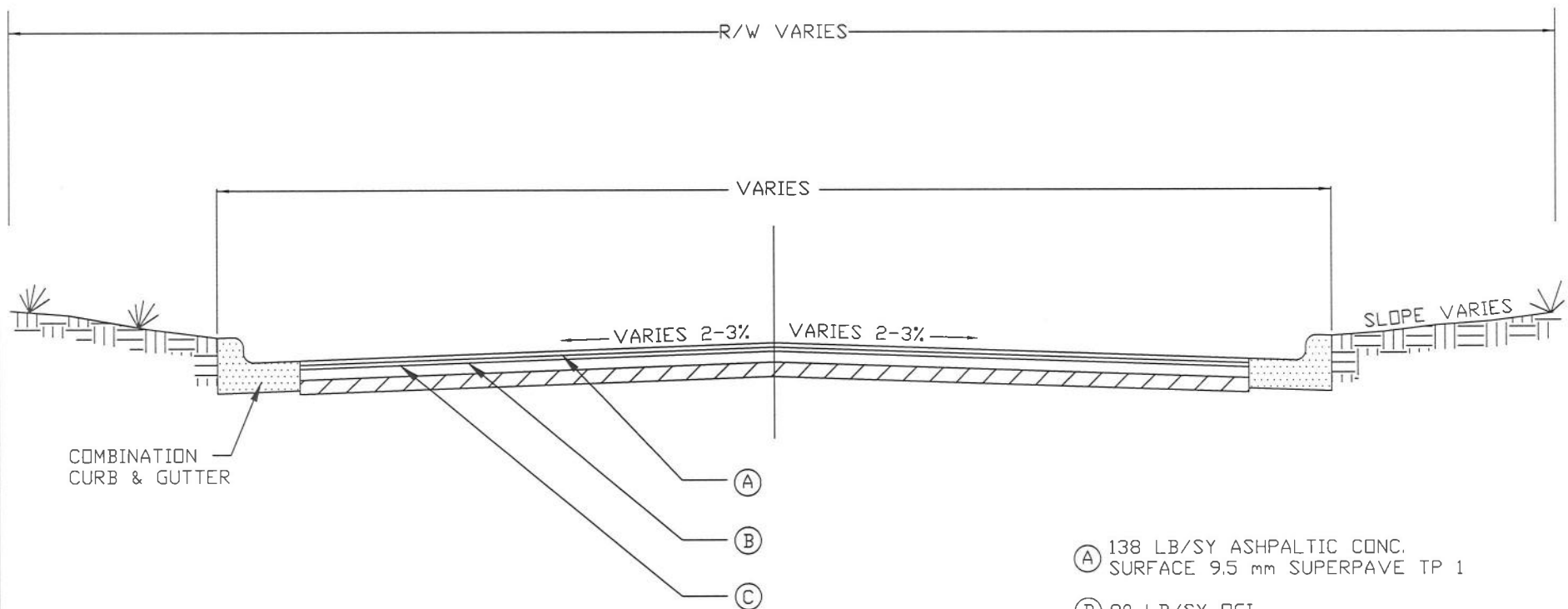
Roads to be resurfaced

## Legend

 Road Section



# TYPICAL SECTION 1



## NOTES

1. THE CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION OF TRANSPORTATION SYSTEMS (2013 EDITION), STANDARDS AND CONSTRUCTION DETAILS.

- (A) 138 LB/SY ASPHALTIC CONC.  
SURFACE 9.5 mm SUPERPAVE TP 1
- (B) 90 LB/SY OGI  
MILL FULL WIDTH 2" BELOW GUTTER  
AMOUNT OF ACTUAL MILLING MAY  
VARY DEPENDING ON PAVEMENT HEIGHT  
ABOVE GUTTER
- (C) VARY DEPENDING ON PAVEMENT HEIGHT  
ABOVE GUTTER

LANCASTER RD, BOSWELL CT, STEERFORTH RD, WELLINGTON RD, SALISBURY RD, LONDON LN, CYPRESS CV, CEDAR CV, SHEFTALL CV, POINTE SOUTH DR, CALIBOGUE RD, AND RUNNER RD FROM BETZ CREEK SIGNS TO END

CHATHAM COUNTY  
DEPARTMENT OF ENGINEERING

SCALE: N.T.S.  
DATED: NOVEMBER 2014



## PAVEMENT REHABILITATION 2017 / 2018

ROADS			Boswell Ct	Calibogue Rd	Cedar Cv	Cypress Cv	Mercer Blvd	Johnny	Lancaster Rd	Landon Ln	South Dr	Pointe	Runner Rd	Salisbury Rd	Steerforth Rd	Sheftall Cv	Wellington Rd	Woodlawn Dr
AREA(SY)	TOTAL	710	2,850	1,000	1,475	15,600	9,385	4,830	5,315	7,510	5,785	4,835	3,390	4,615	4,540			
PAY ITEMS	UNIT	QUANTITY																
TRAFFIC CONTROL	LS	1	*ENTIRE PROJECT															
TEMPORARY GRASSING	AC	3.0					2.75											0.20
MULCH	TN	5.9					5.50											0.40
GRADING COMPLETE	LS	1	*SEE SPECIFICATIONS, CROSS SECTIONS, SPECIAL CONDITIONS AND ROAD LISTING															
DEEP PATCHING	SY	110	4		22			30							8	46		
RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TP 1	TN	3955	50	200	70	100		650	335	370	520	400	335	235	320	370		
RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TP 2	TN	1115					1115											
RECYCLED ASPH CONC 19 MM SP	TN	1260					1100				160							
6 IN RECYCLED ASPH 19 MM SP	SY	110	4		22			30							8	46		
BITUM TACK COAT	GL	6400	45	175	60	90	2510	590	295	320	455	350	300	205	275	730		
ASPH CONC OGI, GP BEND	TN	3215	35	130	45	70	705	445	220	240	275	260	225	155	205	205		
MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	61700	710	2850	1000	1475	10000	9385	4830	5315	7510	5785	4835	3390	4615			
CONC VALLEY GUTTER, 6 IN	SY	11													11			
CONC CURB & GUTTER, 6 IN X 18 IN, TP 2	LF	10												10				
CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	401						50	66			20	145		120			
CONC CURB & GUTTER, 6 IN X 24 IN, ROLL CURB	LF	62						62										
CONC SWALE, 4 FT W X 6.5 IN D, CL A CONC INCL REINF STEEL	LF	110										87	23					
CONC SWALE, 5 FT W X 6.5 IN D, CL A CONC INCL REINF STEEL	LF	28											28					
CONC FILLET AT INTERSECTION, 6 IN D, CL A CONC INCL REINF STEEL	SY	96						16				16	64					
ADJUST MANHOLE TO GRADE	EA	7																7
HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 9	SF	21	3		3			3	3	6					3			
HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 11	SF	50	6.25		6.25				6.25	25					6.25			
GALV STEEL POSTS, TP 7	LF	266	1 post 14 feet		1 post 14 feet			4 posts 56 feet	1 post 14 feet	6 posts 84 feet		2 post 28 feet	1 post 14 feet	1 post 14 feet	2 post 28 feet			
LOOP DETECTOR, 6FT X 6FT, BIPOLE	EA	1					1											
THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	2					2											
THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	1					1											
THERMOPLASTIC PVMT MARKING, WORD, TP 1	EA	1					1											
THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	367	17	22	16	13	20	55	23	24	31	25	40	12	41	28		

[illegible]