SUMMIT
ENGINEERING GROUP OF NORTH CAROLINA INC.
ENGINEERS • PLANNERS • SURVEYORS

July 30, 2026

Mr. Paul Ray
Planning Director
City of Brevard
95 W. Main Street
Brevard, NC 28712

Re: Cashiers Valley Road
Sewer Main Extension
Professional Engineering Services

Dear Mr. Ray,

Summit Engineering Group of NC, Inc. appreciates the opportunity to provide engineering services to the City of Brevard for the above-referenced project. Based on our conversation with staff and site investigation, we have prepared the following proposal for our services.

I. SCOPE OF SERVICES

The purpose of this project is to extend 8-inch gravity sewer along Cashiers Valley Road to serve future development.

A. Project Description

This proposed project will include the following:

1. Approximately 900 l.f. of 8" PVC gravity sewer
2. Approximately 6 precast concrete manhole(s)
3. Service connections
4. Associated pavement repair (if required)

B. Services to be Provided

1. Provide survey of the project area
2. Prepare plans and specifications suitable for regulatory agency approval and construction. Plan package will include the following sheets:
   a. Cover, including Location Map
   b. Legend and General Notes
   c. Sewer Extension "Plan and Profile" sheets
   d. Standard City of Brevard Sewer Detail Sheets
   e. Erosion Control Detail Sheets

   Specifications will include:
   a. Technical Specifications
3. Provide one pdf copy of the above items to the City for review and approval
4. Prepare and submit the NC DEQ Fast-Track Sewer Extension Permit application

5. Construction Administration services for the proposed project will be limited to the following:
   a. Final Inspection / Testing
   b. Preparation of Record Drawings for the City and NCDEQ
   c. Final Project Certification

II. ITEMS NOT INCLUDED (ADDITIONAL SERVICES)

A. Bidding Services

B. Wetland Delineation and Permitting

C. Geotechnical or Laboratory Services

D. Material Testing Services

E. Preparation of any required easements or plats for the project

F. Bidding services and contract documents are not included in this project, but may be provided at the hourly rate shown in Attachment "A"

Note: All Additional Services will be billed at the Hourly Rate Schedule that is enclosed with this letter. Special or additional services shall not be performed unless so authorized by the OWNER in writing prior to performance of the service.

III. ITEMS TO BE PROVIDED BY TOWN

A. Access to all project sites

B. Field personnel to assist Summit as required

C. All fees associated with regulatory permitting.

D. The City will provide notice to property owners of surveying activities.

IV. PROJECT ASSUMPTIONS

A. The Engineer will give the Town 1-week notice prior to surveying.

B. All work will be performed in City Right-of-way and/or City owned property. No easement nor NCDOT Encroachment permits will be required.

C. Construction will be performed by City forces. No bidding / contract services are included in this agreement.

IV. COMPENSATION AND SCHEDULE OF REIMBURSEMENT

Fees for this project will be lump sum as scheduled below:

Design and Permitting Services:

1.	Design Surveying & Base Map	$	2,000.00
2.	Construction Plans and Specifications	$	4,400.00
3.	Permitting	$	1,400.00
4.	General Administration	$	500.00
	Total Fee for Design and Permitting:	**$**	**8,300.00**

Construction Admin. Services:

1.	Final Inspection / Testing	$	600.00
2.	Asbuilt Survey & Record Drawings	$	1,500.00
3.	Final Certifications	$	500.00
4.	General Administration	$	500.00
	Total Fee for Construction Admin:	**$**	**3,100.00**
	TOTAL PROFESSIONAL SERVICES FEE	**$**	**11,400.00**

Reimbursable expenses are included in the cost of each task.

A fee breakdown is included in Attachment "B". Fees have been reduced due to preferred client status.

Once again, thank you for the opportunity and please let us know if you have any questions or need any additional information.

Sincerely,
Summit Engineering Group of NC, Inc.

Alvin Fuller, Jr.

Alvin Fuller, P.E.
Sr. Vice-President

Proposal Acceptance and Authorization:

City of Brevard – Planning Director
Title

Paul Ray
Print Name

Signature

Date

Attachments: Attachment "A" – Hourly Rate Schedule
Attachment "B" – Estimated Hours / Fee Breakdown
Attachment "C" – Total Project Estimate (Construction & Engineering)
Attachment "D" – Project Sketch Plan

ATTACHMENT "A"
HOURLY RATE SCHEDULE
SUMMIT ENGINEERING GROUP, INC.

Hourly Rate Schedule and Chargeable Expenses for Engineering Services Provided

Employee Classification	**Rate per Hour**
Principal	$210.00
Senior Project Manager	$200.00
Project Manager	$180.00
Electrical Designer	$190.00
Senior Project Engineer	$180.00
Project Engineer II	$170.00
Project Engineer I	$160.00
Design Technician	$150.00
Engineering Associate II	$140.00
Engineering Associate I	$130.00
Project Representative III	$130.00
Project Representative II	$120.00
Project Representative I	$110.00
CADD III	$110.00
CADD II	$100.00
CADD I	$90.00
Administrative Services	$80.00

Survey and GIS Services

Surveying Manager	$180.00
Instrument Operator	$110.00
GIS Analyst/Programmer	$160.00
GIS Specialist	$130.00
GIS Technician	$100.00
Rodman	$90.00

Equipment & Materials

GIS Survey Station	$120.00 per calendar day
Topcon Robotic Total Station	$120.00 per calendar day
Digital Hydrant Mounted Pressure Recorder	$20.00 per calendar day
Four-Wheeler	$60.00 per calendar day

Other

Chargeable expenses	Actual cost-plus ten percent
Overtime	Hourly rate plus fifty percent
Courtroom appearances (to include preparation)	Hourly rate plus ninety percent

Effective Dates: January 1, 2026 to December 31, 2026

Note: Any revision or update in this hourly rate schedule shall be included in Agreements of which this page is part.

Issued: 1-1-2026

ATTACHMENT "B"
Professional Services Fee Estimate

Project Name	City of Brevard - Cashiers Valley Road Sewer Extension									
Company Resource	Principal	Sr. PM	Survey Mgr	Proj. Eng.	CADD II	Design Tech	Project Rep II	Admin. Services	Milage	Total
Billing Rate	210	200	180	160	100	140	110	80	94	
Design & Permitting Services										
Surveying and Base Map			9		9				1	$2,600
Design Plans		2		5		14			1	$3,300
Specs		2		4.5						$1,100
Fast-Track Sewer Permit Application				9						$1,400
General Administration										$500
Design Services Sub-Total										**$8,900**
Construction Admin Services										
Final Insp/Testing							5		1	$600
Asbuilt Surveying							5		1	$600
Record Drawings		1		2			5			$1,100
Engineer's Certification		1		2						$500
General Administration		5								$500
Const. Admin. Sub-Total										**$3,300**

Project Engineering Total	**0**	**11**	**9**	**23**	**9**	**14**	**15**	**0**	**4**	**$12,200**

ATTACHMENT "C"
Project Cost Estimate

Engineer's Opinion of Probable Cost
City of Brevard, NC
Cashiers Valley Road Sewer Extension

Item No.	Description		Quantity	Units	Unit Cost	Cost
A.	**CONSTRUCTION COSTS (MATERIALS)**					
1	Gravity Sewer (Open Cut)					
	a.	8" PVC SDR 35	700	LF	$10.00	$ 7,000.00
	b.	8" DIP, Cl. 350 (Lined)	200	LF	$38.50	$ 7,700.00
	C.	Bedding	200	Ton	$50.00	$ 10,000.00
	D.	Select Backfill	250	CY	$30.00	$ 7,500.00
2	New 4'Ø Manhole:					
	a.	Pre-Cast Conc Manhole	6	Ea.	$3,000.00	$ 18,000.00
	b.	Frame & Cover	6	Ea.	$800.00	$ 4,800.00
	C.	#57 Stone Base	18	Ton	$50.00	$ 900.00
3	Pavement Patch		220	LF	$60.00	$ 13,200.00
4	Curb and Gutter		20	LF	$30.00	$ 600.00
B.	**CONSTRUCTION COSTS (LABOR)**					
1	Backhoe Operator (1 each)		208	Hours		$ -
2	Dump Truck Driver (1 each)		192	Hours		$ -
3	Laborer (3 each)		624	Hours		$ -
CONSTRUCTION SUB-TOTAL						$ 70,000.00
10% CONTINGENCY						$ 7,000.00
Total Construction Budget						***$ 77,000.00***
Item No.	**Description**		**Quantity**	**Units**	**Unit Cost**	**Cost**
C.	**NON-CONSTRUCTION COSTS**					
1	Design Surveying & Base Map		1	LS	$2,000.00	$ 2,000.00
2	Construction Plans & Specifications		1	LS	$4,400.00	$ 4,400.00
3	Permitting		1	LS	$1,400.00	$ 1,400.00
4	Final Inspection / Testing		1	LS	$600.00	$ 600.00
5	As-Built Survey & Record Drawings		1	LS	$1,500.00	$ 1,500.00
6	Final Certifications		1	LS	$500.00	$ 500.00
7	General Administration		1	LS	$1,000.00	$ 1,000.00
Total Non-Construction Budget						***$ 11,400.00***
TOTAL PROJECT BUDGET						***$ 88,400.00***

ATTACHMENT "D"
Overall Project Sketch Plan

