

## ADDENDUM NO. 1

### MACK SMITH ROAD TRAFFIC CIRCLE CITY OF FORT OGLETHORPE, GEORGIA

The following changes shall be made to the Contract Documents and Specifications:

#### I. CLARIFICATIONS

##### A. *Drawing No. RA-1*

1. The truck apron and splitter islands do not include color or stamping.
2. The 5/8" deformed tie bars shall be typical/standard reinforcement bars. Specification section 03 30 00-2.8 A does not apply to this detail.
3. The splitter island shall be installed on the pavement as noted on drawing RA-1 note #4 and depicted on GA std detail Sheet 9032-B.

##### B. *Section 01 40 00, PAGE 01 40 00-1, Item 1.2*

1. The Owner will engage and pay for testing services related to concrete sampling and testing.
2. The Contractor is responsible for retesting expenses.

#### II. CONTRACT DOCUMENTS

##### A. *Section 00 11 00, Advertisement for Bids.*

1. Page 00 11 00 – 1. In the first paragraph line 4, DELETE the words, "November 15, 2018" and SUBSTITUTE therefor the words, "December 6, 2018." Bid time remains the same.

##### B. *Section 00 21 00, Information for Bidders.*

1. DELETE PAGE 00 21 00 - 3 and SUBSTITUTE therefor the attached 00 21 00-3.1.

##### C. *Section 00 42 00, Bid Schedule.*

1. DELETE Pages 00 42 00-1 thru 00 42 00-4 and SUBSTITUTE therefor the attached Pages 00 42 00-1.1 thru 00 42 00-4.1.

##### D. *Appendix B, Construction Testing/Quality Assurance for Pavement Subgrade.*

1. DELETE Page B-1 and SUBSTITUTE therefor the attached Page B-1.1.

### III. DRAWINGS

#### A. *ADD the attached Storm Pipe Profile Figures:*

1. Profile No. 1
2. Profile No. 2

Date: November 6, 2018



CTI Engineers, Inc.  
/s/ Philip R. Schofield, P.E.  
Senior Project Manager

9. Time for Completion and Liquidated Damages

Bidder must agree to commence work on or before a date to be specified in a written Notice to Proceed of the Owner and to fully complete the Project within 120 consecutive calendar days thereafter.

Bidder must agree also to pay as liquidated damages the sum of \$500 for each consecutive calendar day in default as hereinafter provided in the General Conditions.

10. Conditions of Work

Each Bidder must inform himself fully of the conditions relating to the construction of the Project and the employment of labor thereon. Failure to do so will not relieve a successful Bidder of his obligation to furnish all material and labor necessary to carry out the provision of his Contract. Insofar as possible the Contractor, in carrying out his work, must employ such methods or means as will not cause any interruption of or interference with the work of any other Contractor.

11. Addenda and Interpretations

No interpretation of the meaning of the Drawings, Specifications, or other prebid documents will be made to any Bidder orally.

Every request for such interpretation should be in writing addressed to [pschofield@ctiengr.com](mailto:pschofield@ctiengr.com) or Philip R. Schofield, P.E., Project Manager, CTI Engineers, Inc., at 1122 Riverfront Parkway, Chattanooga, TN 37402, and to be given consideration must be received at least five days prior to the date fixed for the opening of Bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the Specifications which, if issued, will be mailed and transmitted by facsimile to all prospective Bidders (at the respective addresses and facsimile numbers furnished for such purposes), not later than three days prior to the date fixed for the opening of Bids. Failure of any Bidder to receive any such addendum or interpretation shall not relieve such Bidder from any obligation under his Bid as submitted. All addenda so issued shall become a part of the Contract Documents.

12. Security for Faithful Performance

Simultaneously with his delivery of the executed Contract, the Contractor shall furnish a surety bond or bonds as security for faithful performance of this Contract and for the payment of all persons performing labor on the Project under this Contract and furnishing materials in connection with this Contract, as specified in the General Conditions included herein. Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

13. Power of Attorney

Attorney-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

**BID SCHEDULE FOR UNIT PRICE  
MACK SMITH ROAD TRAFFIC CIRCLE  
FORT OGLETHORPE, GEORGIA**

Note: Unless otherwise stated, all bid items shall be a complete installation as specified and/or shown on the Drawings.

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
<b>SCHEDULE I -MACK SMITH ROAD TRAFFIC CIRCLE</b>					
000-1000	MOBILIZATION & BONDING (MAX 5%)	LS	1		
150-1000	TRAFFIC CONTROL, IN ACCORDANCE WITH MUTCD, INCLUDING COORDINATION WITH GDOT, COUNTY AND CITY	LS	1		
163-0200	TEMPORARY GRASSING	SY	4,500		
163-0240	TEMPORARY STABILIZATION, AS NEEDED - MULCH [Ds1]	SY	4,500		
163-0300	CONSTRUCTION EXIT, AS NEEDED [Co]	EA	1		
171-0010	TEMPORARY SILT FENCE. TYPE "A" SILT FENCE INCLUDING POSTS, FILTER FABRIC, TIE WIRE, AND BRACING (Sd1-NS)	LF	800		
205-0001	OVER EXCAVATION OF UNSUITABLE SOILS	CY	400		
207-0203	CRUSHED STONE BACKFILL IN UNDERCUT AREAS	TN	540		
210-1000	GRADING COMPLETE TO PREPARE SUBGRADE FOR GAB PLACEMENT	LS	1		
210-1001	DEMOLITION OF EXISTING PAVEMENTS	LS	1		
210-1010	CONSTRUCTION TESTING (APPENDIX B)	LS	1		
310-1101	GR AGGR BASE (GAB) CRS	TN	1,200		
402-3130	RECY ASPH 9.5 MM SP, TP1, GP1, INCL BITUM MATL & H LIME, AND MILLED BUTT JOINTS TO TIE IN TO EXISTING; INCLUDE BITUM TACK COAT	TN	250		
402-3190	RECY ASPH 19 MM SP, GP 1, INCL BITUM MATL & H LIME	TN	550		
439-0052	CONCRETE PAVEMENT, 10 IN THK (TRUCK APRON)	SY	110		
441-0740	CONCRETE MEDIAN, 4 IN (SPLITTER ISLAND), WITH 4 IN, TP1 CURB FACE	SY	130		
441-5008	CONCRETE HEADER CURB, 6 IN, TP 7	LF	220		
441-6718	CONCRETE HEADER CURB, 4 IN, TP 9 FACE FOR TRUCK APRON	LF	240		
500-3200	CLASS B CONCRETE, IN AREAS DIRECTED BY THE ENGINEER	CY	30		
550-1180	18" REINFORCED CONCRETE PIPE, INCLUDING STONE BEDDING AND BACKFILL	LF	180		
550-4218	FLARED END SECTION 18", STORM DRAIN	EA	4		
603-1012	RIPRAP STONE, COMPLETE-IN-PLACE WHERE SHOWN ON PLANS FOR OUTLET PROTECTION, SLOPE PROTECTION, CHECK DAMS, AND AS DIRECTED BY THE ENGINEER. INCLUDES EXCAVATION AND FILTER FABRIC INSTALLATION (St) (Cd)	TN	15		
611-5551	RELOCATE AND RESET SIGN	EA	3		

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
<b>636-1036</b>	<b>HIGHWAY SIGNS ON ACCORDANCE WITH MUTCD, INCLUDING SIGN PLATES, FRAMING, POSTS, SUPPORTS, ETC., COMPLETE-IN-PLACE</b>				
636-1036a	W2-6, HIGHWAY SIGN	EA	3		
636-1036b	W13-1, 18x18, HIGHWAY SIGN	EA	3		
636-1036c	W13-1, 24x30, HIGHWAY SIGN	EA	3		
636-1036d	R4-7, HIGHWAY SIGN	EA	4		
636-1036e	R1-2, HIGHWAY SIGN	EA	8		
636-1036f	W1-8A, HIGHWAY SIGN	EA	4		
636-1036g	W1-6R, HIGHWAY SIGN	EA	4		
636-1036h	W1-8L, HIGHWAY SIGN	EA	1		
653-0120	THERMO PVMT MARK, ARROW	EA	4		
653-1501	THERMO SOLID TRAF STRIPE, 5 IN WHITE	LF	1,800		
653-1502	THERMO SOLID TRAF STRIPE, 5 IN, YELLOW	LF	1,800		
653-3501	THERMO SKIP TRAF, 5 IN, WHITE	GLF	100		
700-6910	PERMANENT STABILIZATION - GRASSING, INCLUDING 4" TOPSOIL, AGRICULTURAL LIME, FERTILIZER, SEED, AND MULCH [Ds3]	SY	1,000		
31 25 00-100	ALL OTHER BMPS NOT LISTED	LS	1		
<b>TOTAL SCHEDULE I - MACK SMITH ROAD TRAFFIC CIRCLE</b>				<b>\$</b>	
<b>SCHEDULE II: WATER LINE EXTENSION</b>					
<b>33 12 19</b>	<b>FIRE HYDRANT ASSEMBLY</b>				
33 12 19a	FIRE HYDRANT ASSEMBLY, INCLUDING 6" GATE VALVE AND BOX, ANCHOR COUPLING, 6" DIP, FIRE HYDRANT, (CRUSHED STONE, THRUST BLOCKS)	EA	1		
<b>40 05 13.53</b>	<b>DUCTILE IRON PIPE (DIP) AND FITTINGS</b>				
40 05 13.53-1	6-INCH DUCTILE IRON PIPE INSTALLED IN TRENCH, INCLUDING LABOR, EQUIPMENT, AND MATERIAL	LF	300		
40 05 13.53-2	6-INCH BELL OR PIPE JOINT RESTRAINT DEVICES	EA	5		
40 05 13.53-3	6-INCH MECHANICAL JOINT RESTRAINT DEVICES	EA	10		
40 05 13.53-4	6-INCH DIP MECHANICAL JOINT FITTINGS	LBS	500		
<b>40 05 61</b>	<b>VALVES</b>				
40 05 61-1	CONNECT TO EXISTING WATER LINE BY WET TAP INCLUDING 6-INCH GATE VALVE W/TAPPING SLEEVE	EA	1		
40 05 61-2	INSTALLATION OF DEAD MAN THRUST BLOCK ON 6-INCH WATER LINE WITH INSTALLATION OF NEW 6-INCH GATE VALVE	EA	1		
<b>TOTAL SCHEDULE II: WATER LINE EXTENSION</b>				<b>\$</b>	

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
<b>SCHEDULE III: SEWER LINE EXTENSION</b>					
01 78 39	PROJECT RECORD DOCUMENTS, INCLUDING AS-BUILTS (AUTOCAD FORMAT) AND GIS FORMATTED DATA	LS	1		
31 20 00a	CRUSHED ROCK BEDDING MATERIAL, IN EXCESS OF REQUIRED FOR STANDARD TRENCH BEDDING, AS REQUIRED BY ENGINEER	TN	10		
<b>31 20 00b</b>	<b>CRUSHED STONE BACKFILL IN TRENCH FOR SEWER LINES IN STREETS, PARKING LOTS, AND DRIVEWAYS FROM TOP OF BEDDING TO FINISHED GRADE</b>				
31 20 00b-1	CRUSHED STONE BACKFILL 0.0 TO 12.0 FEET DEEP	LF	160		
31 20 00c	TOPSOIL NOT INCLUDING ON SITE SOIL (PURCHASED AND IMPORTED TO PROJECT SITE)	CY	100		
<b>33 31 00a-8</b>	<b>8-INCH-DIAMETER SDR 26 PVC SANITARY PIPE SEWERS INCLUDING EXCAVATION, INSTALLATION, PRESSURE TESTING, PIPE DEFLECTION TESTING</b>				
33 31 00a-8.1	8-INCH PVC 0.0 TO 12.0 FEET DEEP	LF	160		
33 31 00a-8.2	8-INCH PVC PIPE DEFLECTION TEST	LF	160		
33 32 00	POST INSTALLATION TELEVISION INSPECTION OF INSTALLED 8", SEWER MAIN	LF	160		
<b>33 39 13</b>	<b>SEWER MANHOLES AND COVERS. PRECAST CONCRETE MANHOLES, STANDARD COVER, INCLUDING BASE WITH INVERT, RISERS, FRAME, COVER, CONE OR SLAB, ADJUSTING RINGS, AND BRICK WORK REQUIRED</b>				
33 39 13a	NEW 4-FOOT-DIAMETER PRECAST CONCRETE MANHOLE, 0 TO 6 FEET DEEP WITH BASE, INVERT, CONE SECTION, OR FLAT TOP	EACH	2		
33 39 13b	EXTRA RISER, OVER 6 FEET	VF	12		
33 39 13c	STANDARD MANHOLE FRAME AND COVER	EACH	2		
33 39 13d	CONNECTION TO EXISTING MANHOLE. INCLUDING EXCAVATION, CORING, INSTALLATION OF KOR-N-SEAL BOOT, INVERT WORK, GROUTING, BACKFILL, AND TESTING	EACH	1		
<b>TOTAL SCHEDULE III: SEWER LINE EXTENSION</b>				<b>\$</b>	

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
<b>BID SUMMARY</b>					
TOTAL SCHEDULE I - MACK SMITH ROAD TRAFFIC CIRCLE				\$	
TOTAL SCHEDULE II: WATER LINE EXTENSION				\$	
TOTAL SCHEDULE III: SEWER LINE EXTENSION				\$	
TOTAL BASE BID (SCHEDULE I+II+III)				\$	
BIDDER			DATE		
BY		(Signature)		TITLE	
ADDRESS					
CITY		STATE		ZIP	
TELEPHONE			E-MAIL		

## 6.02.00 CONSTRUCTION TESTING

### 6.02.01 Quality Assurance

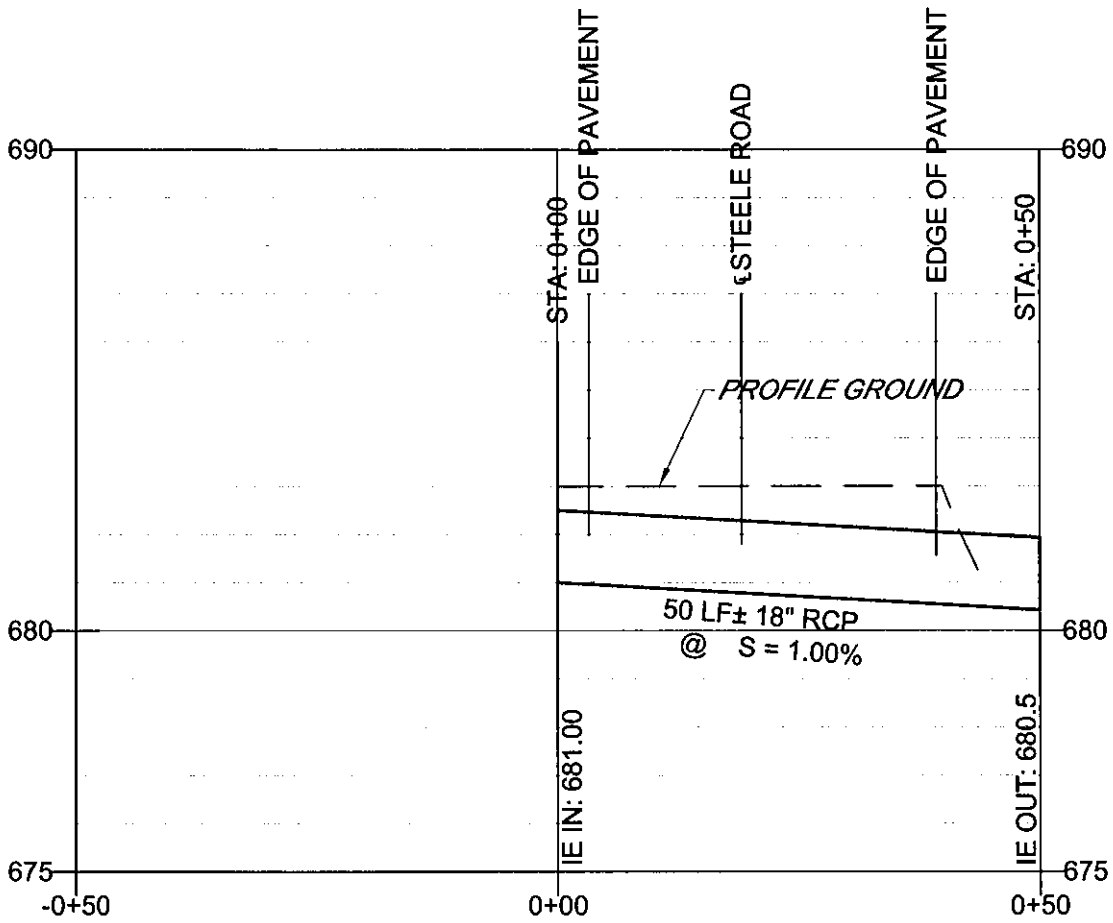
Quality assurance during construction will be required.

- A. All quality control testing which is a part of roadway construction will be performed by a reputable professional geotechnical and testing engineering company that will be employed by the CONTRACTOR and all associated costs will be paid by the CONTRACTOR.
- B. The CONTRACTOR shall select a Geotechnical Engineering firm from the current Georgia Department of Transportation ("GDOT") list of qualified professionals, or a firm acceptable to the City of Fort Oglethorpe, and notify the Engineer/Project Manager of that selection. The following requirements shall apply:
  - 1) The geotechnical firm shall contract directly with the CONTRACTOR to provide quality assurance on the project.
  - 2) The CONTRACTOR shall be responsible for scheduling the geotechnical firm.
  - 3) Minimum testing requirements are described in this Article.
  - 4) Location and scheduling of testing shall be coordinated with the City's representative for assurance of reasonable conformance with the requirements described in this Article prior to performing tests to avoid the expense of retesting.
  - 5) Testing milestones shall be established during the Preconstruction Conference.
  - 6) A final report shall be required in accordance with Section 6.02.02C.

### 6.02.02 Submittal and Procedural Requirements

- A. The CONTRACTOR shall submit pavement mix designs for review in accordance with the Specifications.
- B. The Geotechnical Engineer shall provide testing results for the following:
  - 1) Soil backfill shall be compacted to achieve at least 98 percent of the standard Proctor maximum dry density. The Geotechnical Engineer shall obtain the required samples for each soil type for plasticity (Atterberg limits, ASTM D4318) and standard Proctor moisture-density relationship (ASTM D698).
  - 2) Density tests for soils subgrade shall be conducted at a frequency of one test per 100 feet for road widening along the longitudinal axis of the road.
  - 3) Density tests for graded aggregate base shall be conducted at a frequency of one test per 50 feet for road widening along the longitudinal axis of the road.
  - 4) As an alternative, proof rolling observed by the Geotechnical Engineer may be performed using a fully-loaded, dual-tandem truck.
- C. A final report by the geotechnical engineer that the quality assurance tests and inspections have been performed and meet the requirements must be submitted to the Engineer/Project Manager.





18" RCP PROFILE

HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 4'

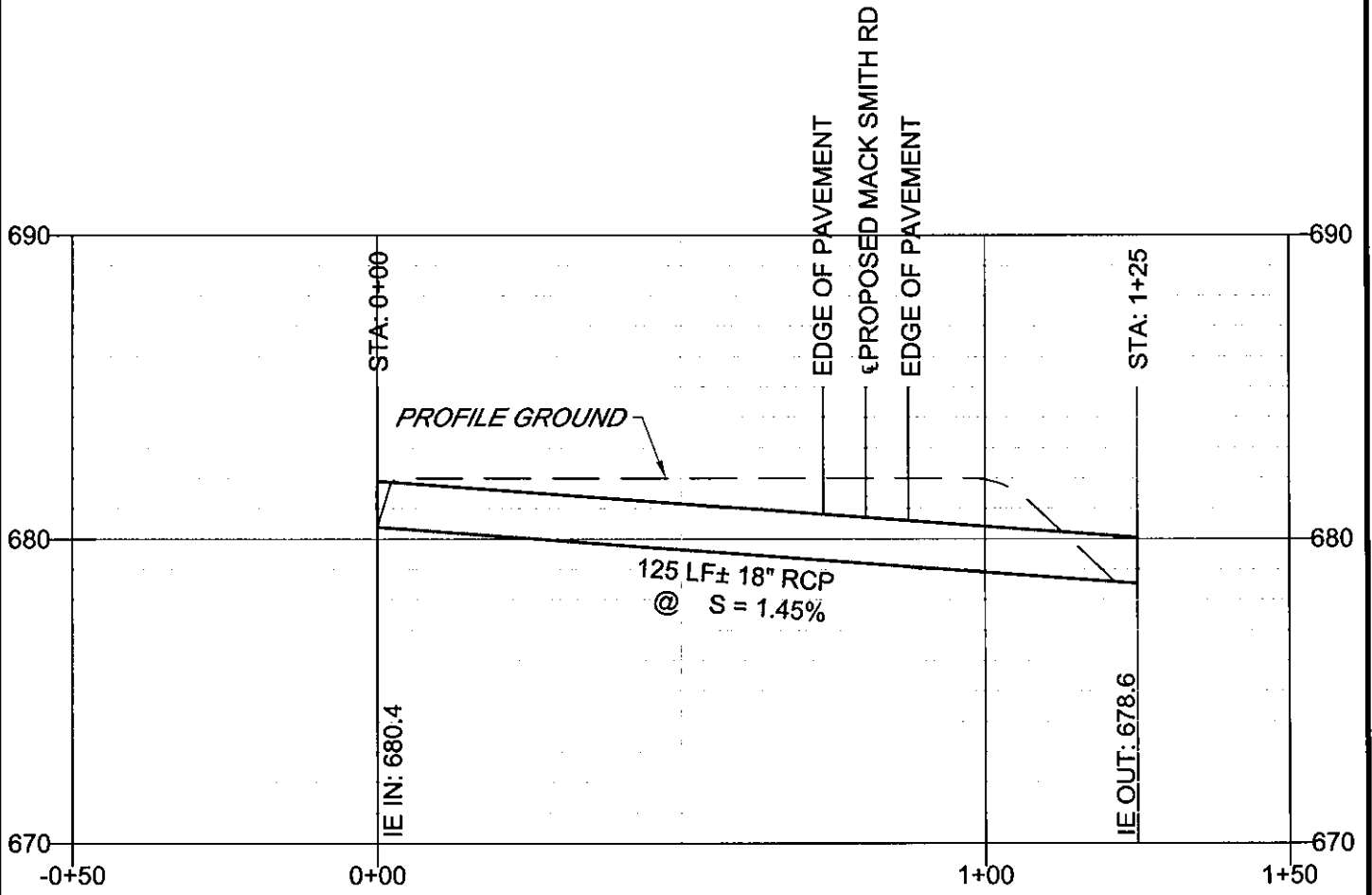
MACK SMITH ROAD TRAFFIC CIRCLE

**ADDENDUM 1  
 PROFILE NO. 1**



CITY OF FORT OGLETHORPE

G18029



**18" RCP PROFILE**

HORIZONTAL SCALE: 1" = 30'  
 VERTICAL SCALE: 1" = 6'

MACK SMITH ROAD TRAFFIC CIRCLE

**ADDENDUM 1  
 PROFILE NO. 2**



CITY OF FORT OGLETHORPE

G18029