

## ADDENDUM No. 2

### Town of Summerville

### Bear Island Road Traffic Signals Project

#### Summary:

This addendum includes responses to questions submitted by potential bidders and revisions to the bid schedule. There is a total of six (6) pages in this addendum – pages 1 & 2 contain bidder questions and responses and a summary of bid schedule revisions, and pages 3, 4, 5 & 6 contain the revised bid schedules.

#### Response to Bidder Questions

1. Will the mast arm signal heads be black or yellow? If black, should the pedestrian equipment (heads, push buttons, poles, etc) installed with the temporary signals (but will remain for the mast arm signals) be black as well?

***Mast arm signal heads and pedestrian equipment are black.***

2. Plan pages TS2 & TS4 show overhead street name signs. These signs total 195 SF. Estimated bid quantities do not include these signs or mast arm mounting brackets. Will they be provided by the Town of Summerville or will the bid estimate be revised?

***The contractor is to provide street name signs and mounting brackets. See revised bid schedules.***

3. Plan pages TS2 & TS4 references a “mounted luminaire” to be installed with each mast arm pole (total of 4). Please provide luminaire & LED fixture design specs/drawings. Will additional pay an item be added for luminaire or should luminaire cost be included in the design of mast arms? If applicable, please provide specs and additional pay item for power to luminaire.

***Omit luminaires from the project.***

4. Plan pages TS2 & TS4 reference “Install Light Pole.” Please provide light pole & LED fixture design specs/drawings. Will an additional line item be added?

***Omit light poles from the project.***

5. Plan pages TS1 shows removing and installing turn arrow & “ONLY” pavement markings. Will their associated line items be added to the bid estimate?

***Yes, installation of these pavement markings will be added. See revised bid schedule. Eradication of the existing turn arrows and “ONLY” is included in bid item “Removal of Pavement Markings”.***

6. Will a line item for the removal of the temporary traffic signal be added to the bid estimate?

***Yes, see revised bid schedules.***

7. Currently, there isn't a line item for mast arm mounting brackets for the signal heads. Will a line item be added or will their cost be incidental to the signal heads?

***The costs of the mounting brackets are included with the signal heads.***

8. Plan page TS1 states, “Remove existing median beyond proposed stop bar” on both approaches of N Maple St. This will leave an open dirt area as the median is not on top of existing asphalt. Please advise how the open dirt area needs to be addressed.

***Asphalt will be used in the open dirt area to match the thickness and grades of the adjacent pavement section. See revised bid schedule which has line items for the new asphalt and concrete curb and gutter median nose replacement.***

## Revised Bid Schedules

Replace the bid schedules of the Contract Documents with the revised attached bid schedules.

The revisions shown in **red** on the bid schedules and include the following:

### Bear Island Road at North Maple Street—Temporary Traffic Signals

- Quantity Correction for line item “U-SECTION POST FOR SIGN SUPPORTS - 3P”
- Addition of line items addressing median work and pavement markings on N. Maple Street

### Bear Island Road at North Maple Street—Mast Arm Traffic Signals

- Quantity Correction for line item “FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD” to account for the street name signs
- Quantity Correction for line item “F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM” to account for the street name sign mounting brackets
- Addition of line item for the removal of temporary traffic signals

### Bear Island Road/Azalea Square Blvd at Old Light Road—Temporary Traffic Signals

- Quantity Correction for line item “U-SECTION POST FOR SIGN SUPPORTS - 3P”

### Bear Island Road/Azalea Square Blvd at Old Light Road—Temporary Traffic Signals

- Quantity Correction for item “FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD” to account for the street name signs
- Quantity Correction for item “F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM” to account for the street name sign mounting brackets
- Removal of line item “U-SECTION POST FOR SIGN SUPPORTS - 3P”
- Addition of line item for the removal of temporary traffic signals

**Town of Summerville**  
**Bear Island Road Traffic Signals Project**  
**Schedule of Bid Items**

**Bear Island Road at North Maple Street – Temporary Traffic Signals**

Pay Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
1031000	MOBILIZATION	1	LS		
1071000	TRAFFIC CONTROL	1	LS		
2027005	REMOVAL & DISPOSAL OF CONCRETE MEDIAN BARRIER	80	LF		
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	90	LF		
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	315	LF		
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	70	LF		
6319505	REMOVAL OF PAVEMENT MARKINGS	80	LF		
6510108	FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD	20.00	SF		
6513015	MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON SPAN WIRE	1.00	EA		
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	24	LF		
6750275	FURNISH & INSTALL 1.0" SCHEDULE 80 PVC CONDUIT	70	LF		
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	835	LF		
675027C	FURNISH & INSTALL 3.0" SCHEDULE 80 PVC CONDUIT	5	LF		
6770388	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - BLACK	1412	LF		
6770389	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	2410	LF		
6770393	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1622	LF		
6770394	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (GRAY)	788	LF		
6770413	FURNISH & INSTL NO. 14 COPPER WIRE,1-CONDUCTOR FOR LOOP WIRE	1130	LF		
6780495	SAWCUT FOR LOOP DETECTOR	570	LF		
6800499	FURNISH & INSTALL ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	1	EA		
6800508	F&I-12"X12"X12"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	2	EA		
6800518	F&I-13"X24"X18"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	13	EA		
6800528	17"X30"X18"D.ELEC.FLUSH UNDGRD.ENCLOSURE-(STR.POLY.CONC.)HD	1	EA		
6825020	FURNISH & INSTALL - 35' WOOD POLE-CLASS II-CCA TR(0.60)	4	EA		
6825092	FURNISH & INSTALL 3/8" GALVANIZED STEEL CABLE	400	LF		
6825484	FURNISH & INSTALL 10' BREAK-AWAY ALUM PEDESTAL POLE AND BASE	4	EA		
6845511	F&I - CONTR 332/336 CABINET ASSEMBLY - BASE MOUNTED	1	EA		
6865720	FURNISH & INSTALL -12" 4 SECTION SIGNAL HEAD	1	EA		
6865723	FURNISH & INSTALL - 12" 3 SECTION SIGNAL HEAD	7	EA		
6865782	FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD	6	EA		
6865797	F&I-PED PUSH BUT.SOLID STATE W/ LIGHT&TONE ASSEM 9"X15"&SIGN (R-10-3E or R10-4a)	6	EA		
6865834	FURNISH & INSTALL BACKPLATE W/ RETROREFL.BORDERS FOR TRAFFIC SIGNAL	8	EA		
6888177	DESIGN, FURNISH & INSTALL STEEL POLE WITH TWIN MAST ARMS INCLUDING FOUNDATION	0	EA		
7209000	PEDESTRIAN RAMP CONSTRUCTION	67	SY		
	WHITE SINGLE ARROWS (LT, STRGHT, RT) THERMO.-125 MIL.	2	EA		
	WHITE WORD MESSAGE "ONLY" -THERMOPLASTIC - 125 MIL.	1	EA		
	HOT MIX ASPHALT SURFACE COURSE TYPE B - 12" UNIF	50	SY		
	CONCRETE CURB AND GUTTER(2'-0") - MATCH EXISTING CURB TYPE	30	LF		

Bear Island Rd at North Maple St, Temporary Signals Sub-Total \$ \_\_\_\_\_

**Bear Island Road at North Maple Street – Mast Arm Traffic Signals**

Pay Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
1031000	MOBILIZATION	1	LS		
1071000	TRAFFIC CONTROL	1	LS		
6510108	FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD	57.5	SF		
6513020	F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	4	EA		
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	300	LF		
6760065	FURNISH & INSTALL 2" SCHEDULE 80 HDPE CONDUIT (DIRECTIONAL BORED)	250	LF		
6770388	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - BLACK	893	LF		
6770389	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	866	LF		
6770393	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1,281	LF		
6770394	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (GRAY)	467	LF		
6800500	MOD. EXIST ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	1	EA		
6800518	F&I-13"X24"X18"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	6	EA		
6865720	FURNISH & INSTALL -12" 4 SECTION SIGNAL HEAD	1	EA		
6865723	FURNISH & INSTALL - 12" 3 SECTION SIGNAL HEAD	6	EA		
6865834	FURNISH & INSTALL BACKPLATE W/ RETROREFL.BORDERS FOR TRAFFIC SIGNAL	7	EA		
6888177	DESIGN, FURNISH & INSTALL STEEL POLE WITH TWIN MAST ARMS INCLUDING FOUNDATION	2	EA		
	<b>REMOVAL OF TEMPORARY TRAFFIC SIGNALS</b>	<b>1</b>	<b>LS</b>		

Bear Island Rd at North Maple St, Mast Arms Signals Sub-Total \$ \_\_\_\_\_

**Bear Island Road/Azalea Square Blvd at Old Light Road – Temporary Traffic Signals**

Pay Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
1031000	MOBILIZATION	1	LS		
1071000	TRAFFIC CONTROL	1	LS		
6510108	FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD	20	SF		
6513015	MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON SPAN WIRE	2	EA		
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	24	LF		
6750275	FURNISH & INSTALL 1.0" SCHEDULE 80 PVC CONDUIT	50	LF		
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	325	LF		
675027C	FURNISH & INSTALL 3.0" SCHEDULE 80 PVC CONDUIT	5	LF		
6770388	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - BLACK	1538	LF		
6770389	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	1628	LF		
6770393	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1176	LF		
6770394	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (GRAY)	903	LF		
6770413	FURNISH & INSTL NO. 14 COPPER WIRE,1-CONDUCTOR FOR LOOP WIRE	1470	LF		
6780495	SAWCUT FOR LOOP DETECTOR	700	LF		
6800499	FURNISH & INSTALL ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	1	EA		
6800508	F&I-12"X12"X12"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	2	EA		
6800518	F&I-13"X24"X18"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	13	EA		
6800528	17"X30"X18"D.ELEC.FLUSH UNDGRD.ENCLOSURE-(STR.POLY.CONC.)HD	1	EA		
6825020	FURNISH & INSTALL - 35' WOOD POLE-CLASS II-CCA TR(0.60)	4	EA		
6825092	FURNISH & INSTALL 3/8" GALVANIZED STEEL CABLE	410	LF		
6825484	FURNISH & INSTALL 10' BREAK-AWAY ALUM PEDESTAL POLE AND BASE	4	EA		
6845511	F&I - CONTR 332/336 CABINET ASSEMBLY - BASE MOUNTED	1	EA		
6865720	FURNISH & INSTALL -12" 4 SECTION SIGNAL HEAD	2	EA		
6865723	FURNISH & INSTALL - 12" 3 SECTION SIGNAL HEAD	8	EA		
6865782	FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD	8	EA		
6865797	F&I-PED PUSH BUT.SOLID STATE W/ LIGHT&TONE ASSEM 9"X15"&SIGN (R-10-3E or R10-4a)	8	EA		
6865834	FURNISH & INSTALL BACKPLATE W/ RETROREFL.BORDERS FOR TRAFFIC SIGNAL	10	EA		

Bear Island Rd/Azalea Square at Old Light Rd, Temporary Signals Sub-Total \$ \_\_\_\_\_

**Bear Island Road/Azalea Square Blvd at Old Light Road – Mast Arm Traffic Signals**

Pay Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
1031000	MOBILIZATION	1	LS		
1071000	TRAFFIC CONTROL	1	LS		
6510108	FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD	145	SF		
6513020	F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	8	EA		
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	10	LF		
6760065	FURNISH & INSTALL 2" SCHEDULE 80 HDPE CONDUIT (DIRECTIONAL BORED)	275	LF		
6770388	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - BLACK	1055	LF		
6770389	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	662	LF		
6770393	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1423	LF		
6770394	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (GRAY)	562	LF		
6800500	MOD. EXIST ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	1	EA		
6800518	F&I-13"X24"X18"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	2	EA		
6865720	FURNISH & INSTALL -12" 4 SECTION SIGNAL HEAD	2	EA		
6865723	FURNISH & INSTALL - 12" 3 SECTION SIGNAL HEAD	8	EA		
6865834	FURNISH & INSTALL BACKPLATE W/ RETROREFL.BORDERS FOR TRAFFIC SIGNAL	10	EA		
6888177	DESIGN, FURNISH & INSTALL STEEL POLE WITH TWIN MAST ARMS INCLUDING FOUNDATION	2	EA		
	REMOVAL OF TEMPORARY TRAFFIC SIGNALS	1	LS		

Bear Island Rd/Azalea Square at Old Light Rd, Mast Arms Signals Sub-Total \$ \_\_\_\_\_

Bear Island Rd at North Maple St:

Temporary Signals + Mast Arms Signals Total \$ \_\_\_\_\_

Bear Island Rd/Azalea Square at Old Light Rd:

Temporary Signals + Mast Arms Signals Total \$ \_\_\_\_\_

Total Contract \$ \_\_\_\_\_