

North Maple Street Extension Project

Addendum No. 2

Dated: January 9, 2023

This Addendum forms a part of the Contract Documents and modifies the original documents as herein described. Bidders shall acknowledge receipt of the addendum on the Bid Form.

1. Bid Documents – Removed item #6020106 from the Roadway Bid Form. Only the revised Bid Form is being provided as part of this addendum.
2. Plans - Removed item #6020106 from Sheet 2 and 2B. Only the revised Sheet 2 and 2B are being provided as part of this addendum

The following questions have been submitted for clarification:

1. What is the detection equipment needed for the Solar LED Changeable Message Sign & Detection Equipment?

Answer: This bid items has been removed. Any changeable message signs that are needed do not require detection equipment and will be considered in the unit price for Traffic Control.

End of Addendum No. 2

BID FORM - ROADWAY

All work performed by the Contractor as essential to the completion of the intent of the Contract Documents shall be paid for in accordance with the Bid Form. No direct payment will be made for work performed which is not shown as a separate Bid Item. All costs shall be included in the various pay items in the Bid Schedule or an amount shown as Total Bid Amount for the work shown on the proposed project plans.

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
1031000	MOBILIZATION	1	LS		
1032010	BONDS AND INSURANCE	1	LS		
1050800	CONSTRUCTION STAKES, LINES & GRADES	1	EA		
1052000	UTILITY RELOCATION (SEWER)	1	LS		
1071000	TRAFFIC CONTROL	1	LS		
1080300	CPM PROGRESS SCHEDULE	1	LS		
1090200	AS-BUILT CONSTRUCTION PLANS	1	LS		
2012000	CLEARING & GRUBBING WITHIN ROADWAY	1	LS		
2022000	REMOVAL & DISPOSAL ITEM NO. 1	1	LS		
2022000	REMOVAL & DISPOSAL ITEM NO. 2	1	LS		
2022000	REMOVAL & DISPOSAL ITEM NO. 3	1	LS		
2022000	REMOVAL & DISPOSAL ITEM NO. 4	1	LS		
2022000	REMOVAL & DISPOSAL ITEM NO. 5	1	LS		
2022000	REMOVAL & DISPOSAL ITEM NO. 6	1	LS		
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	10600	SY		
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	3626	SY		
2030010	FURNISH AND INSTALL MAILBOX	100	EA		
2031000	UNCLASSIFIED EXCAVATION	15554	CY		
2033000	BORROW EXCAVATION	30697	CY		
2034000	MUCK EXCAVATION	10073	CY		
2034518	18" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	581	LF		
2034524	24" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	391	LF		
2034530	30" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	100	LF		
2034536	36" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	48	LF		
2034560	60" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	146	LF		
2081001	FINE GRADING	38436	SY		
2103000	FLOWABLE FILL	810	CY		
3069900	MAINTENANCE STONE	790	TON		
3100310	HOT MIX ASPHALT BASE COURSE - TYPE A	14006	TON		
4011004	LIQUID ASPHALT BINDER PG64-22	1679	TON		
4012100	FULL DEPTH ASPH. PAV. PATCHING 10"UNIF	110	SY		
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	3034	SY		

BID FORM - ROADWAY

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
4020320	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B	11738	TON		
4020330	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C	230	TON		
4030320	HOT MIX ASPHALT SURFACE COURSE TYPE B	8824	TON		
4030340	HOT MIX ASPHALT SURFACE COURSE TYPE C	184	TON		
6021120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	1164	SF		
6021125	PERMANENT CONSTRUCTION SIGNS (BARRICADE MOUNTED)	210	SF		
6041200	BARRICADE - TYPE 3	252	LF		
6250005	4" WHITE BROKEN LINES -(GAPS EXCLUDED)-FAST DRY PAINT	7320	LF		
6250010	4" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT	25490	LF		
6250015	8"WHITE SOLID LINES(CROSSWALK&CHANNELIZATION)FAST DRY PAINT	11580	LF		
6250025	24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT	2299	LF		
6250030	WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY PAINT	78	EA		
6250035	WHITE WORD MESSAGE "ONLY"-FAST DRY PAINT	66	EA		
6250043	WHITE LANE DROP ARROW (LEFT OR RIGHT)-FAST DRY PAINT	4	EA		
6250045	RAILROAD CROSSING SYMBOLS - FAST DRY PAINT	4	EA		
6250105	4" YELLOW BROKEN LINES(GAPS EXC) - FAST DRY PAINT	3580	LF		
6250110	4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT	47794	LF		
6250112	6" YELLOW SOLID LINE ON CURB/MEDIAN - FAST DRY PAINT	2685	LF		
6250115	24" YELLOW DIAGONAL LINES - FAST DRY PAINT	235	LF		
6271005	4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC- 90 MIL.	3760	LF		
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	4348	LF		
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	5857	LF		
6271024	24IN X 36IN WHITE TRIANG. YIELD BAR (GAPS EXC)THERMO-125MIL	28	LF		
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	1182	LF		
6271030	WHITE SINGLE ARROWS (LT, STRGHT, RT) THERMO.-125 MIL.	41	EA		
6271035	WHITE WORD MESSAGE "ONLY" -THERMOPLASTIC - 125 MIL.	36	EA		
6271043	WHITE LANE DROP ARROW(LT.OR RT.)THERMO-125MIL	2	EA		
6271045	RAILROAD CROSSING SYMBOLS - THERMOPLASTIC - 125 MIL.	2	EA		
6271064	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	1918	LF		
6271074	4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL.	24747	LF		
6300005	PERMANENT CLEAR PAVEMENT MARKERS- MONO-DIR.- 4"X4"	256	EA		
6301005	PERMANENT YELLOW PAVEMENT MARKERS MONO-DIR.- 4"X 4" PERM. YEL.	179	EA		
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X4"	520	EA		
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	366	SF		
6510106	FLAT SHEET, TYPE III, SIZE DETERMINED BY MSG	65.25	SF		
6510108	FLAT SHEET, TYPE XI, SIZE DETERMINED BY MSG, OVERHEAD	86	SF		
6513020	F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	9	EA		
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	691	LF		
6551110	SQUARE TUBING POST 12 GAUGE - 1 3/4" X 1 3/4" X 8	204	LF		

BID FORM - ROADWAY

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
6750213	2.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	3000	LF		
6750220	3.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	500	LF		
6750248	2.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	42	EA		
675024C	3.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	6	EA		
6750275	FURNISH & INSTALL 1.0" SCHEDULE 80 PVC CONDUIT	310	LF		
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	1350	LF		
675027C	FURNISH & INSTALL 3.0" SCHEDULE 80 PVC CONDUIT	80	LF		
675027S	FURNISH & INSTALL 2.0" SCHD 80 PVC CONDUIT (DIRECTION.BORED)	2290	LF		
6770388	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - BLACK	1005	LF		
6770389	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	1005	LF		
6770393	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1640	LF		
6770394	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (GRAY)	2360	LF		
6770413	FURNISH & INSTL NO. 14 COPPER WIRE,1-CONDUCTOR FOR LOOP WIRE	5250	LF		
6780495	SAWCUT FOR LOOP DETECTOR	2350	LF		
6800499	FURNISH & INSTALL ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	2	EA		
6800518	F&I-13"X24"X18"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	23	EA		
680052C	F&I-17"X30"X24"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	3	EA		
6825020	FURNISH & INSTALL - 35' WOOD POLE-CLASS II-CCA TR(0.60)	3	EA		
6825045	FURNISH & INSTALL 3/8" BACK GUY FOR WOOD POLE	3	EA		
682511F	F&I 21' STEEL POLE WITH 56' MAST ARM	1	EA		
682511H	F&I 21' STEEL POLE WITH 60' MAST ARM	3	EA		
682512K	27' STEEL POLE WITH 66' MAST ARM	4	EA		
6825484	FURNISH & INSTALL 10' BREAK-AWAY ALUM PEDESTAL POLE AND BASE	10	EA		
6825486	FURNISH & INSTALL ALUMINUM PEDESTAL POLE CONCRETE FOUNDATION	10	EA		
6845511	F&I - CONTR 332/336 CABINET ASSEMBLY - BASE MOUNTED	3	EA		
6865720	FURNISH & INSTALL -12" 4 SECTION SIGNAL HEAD	5	EA		
6865723	FURNISH & INSTALL - 12" 3 SECTION SIGNAL HEAD	27	EA		
6865783	F&I - 1-WAY-1SECT.(COUNTDOWN HAND/MAN EMBLEM)PED.SIG.HEAD	16	EA		
6865794	F&I-PED PUSH BUTTON MICRO ASSEMBLY(9"X15")AND SIGN(R-10-3E or R10-4e	16	EA		
6865830	VEHICLE TRAFFIC SIGNAL HEAD MOUNTING ASSEMBLY FOR SPAN WIRE	8	EA		
6865831	F&I VEHICLE TRAFFIC SINGAL HEAD MOUNTING ASSEMBLY FOR MAST ARM	24	EA		
6865834	BACKPLATE W/ RETROREFL.BORDERS FOR TRAFF. SIG.	32	EA		
6885990	REMOVAL,SALVAGE,&DISP.OF EXISTING TRAF. SIGNAL EQUIPMENT	1	LS		
6886041	INSTALL VIDEO DETECTION SYSTEM INCLUDING LEAD-IN	1	EA		
6886042	FURNISH & INSTALL VIDEO DETECTION CAMERA W/ HARDWARE & LEAD-IN	4	EA		
6887951	FURNISH & INSTALL CONCRETE CABINET FOUNDATION	3	EA		
7141133	18" RC PIPE CUL.-CLASS V	100	LF		
7141141	14"X 23" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III	340	LF		
7141142	19"X 30" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III	60	LF		
714114D	14"X 23" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-IV	700	LF		
7143618	18" SMOOTH WALL PIPE	10510	LF		

BID FORM - ROADWAY

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
7143624	24" SMOOTH WALL PIPE	5128	LF		
7143630	30" SMOOTH WALL PIPE	2000	LF		
7143636	36" SMOOTH WALL PIPE	56	LF		
7143660	60" SMOOTH WALL PIPE	164	LF		
7149999	CLEANING EXISTING PIPE	1500	LF		
7191005	CATCH BASIN -TYPE 1 CB - TYPE 1	5	EA		
7191605	CATCH BASIN -TYPE 16	114	EA		
7191610	CATCH BASIN -TYPE 16 WITH MODIFIED BOX NO.()	7	EA		
7191650	CATCH BASIN -TYPE 18	22	EA		
7191655	CATCH BASIN -TYPE 18 WITH MODIFIED BOX NO.()	2	EA		
7192020	DROP INLET (24" X 36")	48	EA		
7192021	DROP INLET (24" X 36") WITH STANDARD 4' X 4' BOX	8	EA		
7192022	DROP INLET (24" X 36") WITH STANDARD 5' X 5' BOX	2	EA		
7192023	DROP INLET (24" X 36") WITH STANDARD 6' X 6' BOX	2	EA		
7192105	MANHOLE	13	EA		
7192260	48" X 48" JUNCTION BOX	10	EA		
7196000	EXTRA DEPTH OF BOX	36	LF		
7198495	MANHOLE-CONVERT CATCH BASIN	1	EA		
7199100	BEVELING OF PIPE END	67	EA		
7203210	CONCRETE CURB AND GUTTER(2'-0") VERTICAL FACE	19838	LF		
7204100	CONCRETE SIDEWALK(4" UNIFORM)	7871	SY		
7204900	DETECTABLE WARNING MATERIAL	773	SF		
7205000	CONCRETE DRIVEWAY(6" UNIFORM)	2000	SY		
7206000	CONCRETE MEDIAN	785	SY		
7209000	PEDESTRIAN RAMP CONSTRUCTION	1028	SY		
8041010	RIP-RAP (CLASS A)	26	TON		
8041020	RIP-RAP (CLASS B)	675	TON		
8048215	GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2)TYPE D	839	SY		
8063100	48"-CHAIN LINK FENCE	250	LF		
8064100	4' WIDE - CHAIN LINK FENCE GATE (48"HT)	2	EA		
8068301	TEMPORARY BARRIER FENCE	1000	LF		
8081000	MOVING ITEM NO. 1	1	LS		
8081000	MOVING ITEM NO. 2	1	LS		
8081000	MOVING ITEM NO. 3	1	LS		
8081000	MOVING ITEM NO. 4	1	LS		
8081000	MOVING ITEM NO. 5	1	LS		
8081000	MOVING ITEM NO. 6	1	LS		
8081000	MOVING ITEM NO. 7	1	LS		
8081000	MOVING ITEM NO. 8	1	LS		
8091010	RIGHT OF WAY MARKER(REBAR AND CAP)	197	EA		
8091050	RIGHT OF WAY PLAT	1	LS		
8100100	PERMANENT COVER	8	ACRE		
8100200	TEMPORARY COVER	15	ACRE		
8101105	COMPOST	2034	CY		

BID FORM - ROADWAY

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
8101110	STRAW OR HAY MULCH WITH TACKIFIER	20	ACRE		
8104005	FERTILIZER (NITROGEN)	758	LB		
8104010	FERTILIZER (PHOSPHORIC ACID)	758	LB		
8104015	FERTILIZER (POTASH)	758	LB		
8105005	AGRICULTURAL GRANULAR LIME	15164	LB		
8109050	SELECTIVE WATERING	135750	GAL		
8109901	MOWING	46	ACRE		
8131000	SODDING	0.5	MSY		
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	25	ACRE		
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	2920	LF		
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	2780	LF		
8152007	SEDIMENT TUBES FOR DITCH CHECKS	1140	LF		
8153000	SILT FENCE	14150	LF		
8153090	REPLACE/REPAIR SILT FENCE	1405	LF		
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	3512	LF		
8156205	INLET STRUCTURE FILTER - TYPE D1	58	EA		
8156207	FILTER MATERIAL FOR INLET STRUCTURE FILTER - TYPE D1	110	EA		
8156490	STABILIZED CONSTRUCTION ENTRANCE	1,925	SY		

Roadway Base Bid Subtotal

BID FORM - FORCE MAIN ITEMS

All work performed by the Contractor as essential to the completion of the intent of the Contract Documents shall be paid for in accordance with the Bid Form. No direct payment will be made for work performed which is not shown as a separate Bid Item. All costs shall be included in the various pay items in the Bid Schedule or an amount shown as Total Bid Amount for the work shown on the proposed project plans.

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
1	MOBILIZATION	1	LS		
4" FORCE MAIN RELOCATION					
2	4" PVC FORCE MAIN	795	LF		
3	4" PVC FORCE MAIN – RESTRAINED JOINT	195	LF		
4	4" PVC FORCE MAIN INSTALLED IN STEEL CASING – RESTRAINED JOINT	210	LF		
5	18" STEEL CASING INSTALLED BY OPEN TRENCH	90	LF		
6	18" STEEL CASING INSTALLED BY JACK AND BORE	120	LF		
7	90° BEND	3	EA		
8	45° BEND	2	EA		
9	22.5° BEND	4	EA		
10	8"X4" REDUCER	1	EA		
11	CONNECTION TO EXISTING FORCE MAIN	1	LS		
12	CONNECTION TO EXISTING MANHOLE	1	LS		
13	LINE EXISTING DISCHARGE MANHOLE AND NEXT TWO DOWNSTREAM MANHOLES	1	LS		
14	ABANDON MANHOLE (STA 8 + 75)	1	LS		
15	AIR RELEASE VALVE IN MANHOLE	1	EA		
SEWER SERVICES ON EXISTING SEWER					
16	6" PVC SEWER SERVICE LATERAL PIPE	1,100	LF		
17	SINGLE CLEAN OUT INSTALLATION	13	EA		
18	DOUBLE CLEAN OUT INSTALLATION	2	EA		
19	SINGLE CLEAN OUT (BETTERMENT)	2	EA		
20	SINGLE CLEAN OUT INTO MANHOLE-CORE (BETTERMENT)	1	EA		
21	DOUBLE CLEAN OUT (BETTERMENT)	1	EA		
22	CLEAN OUT RELOCATION	3	EA		
23	ABANDON CLEAN OUT	4	EA		
24	LOCATING SEWER SERVICE PIPE	20	EA		
25	SEWER SERVICE PIPE ELEVATION CHANGE	3	EA		
8" GRAVITY SEWER EXTENSION (NORTH MAPLE ST.)					
26	8" PVC GRAVITY SEWER (8-10 DEPTH)	49	LF		
27	4' MANHOLE (8-10 DEPTH)	1	EA		
28	CONNECTION TO EXISTING MANHOLE	1	LS		
8" GRAVITY SEWER EXTENSION (US 78/W 5TH N ST.)					
29	8" PVC GRAVITY SEWER (0-6 DEPTH)	582	LF		
30	8" PVC GRAVITY SEWER (6-8 DEPTH)	392	LF		
31	8" PVC GRAVITY SEWER (8-10 DEPTH)	95	LF		
32	4' MANHOLE (0-6 FT DEPTH)	6	EA		
33	4' MANHOLE (6-8 FT DEPTH)	1	EA		
34	4' MANHOLE (8-10 FT DEPTH)	1	EA		
35	DOGHOUSE MANHOLE & TIE IN TO EXISTING	1	LS		
36	DRIVEWAY REMOVAL AND REPAIR – CONCRETE (2 DRIVEWAYS)	23	SY		
37	DRIVEWAY REMOVAL AND REPAIR - ASPHALT	4	SY		
38	DRIVEWAY REMOVAL AND REPAIR - GRAVEL	23	SY		
39	6" PVC SEWER SERVICE LATERAL PIPE	150	LF		
40	SINGLE CLEAN OUT INSTALLATION	7	EA		
41	SINGLE CLEAN OUT INTO MANHOLE-CORE	1	EA		
42	DOUBLE CLEAN OUT INSTALLATION	1	EA		

BID FORM - FORCE MAIN ITEMS

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE (\$)	TOTAL AMOUNT (\$)
43	ABANDON CLEAN OUT	8	EA		
44	ABANDON 8" GRAVITY SEWER (311 LF)	1	LS		
45	ABANDON MANHOLE (STA 9 + 65)	1	LS		
46	TREE REMOVAL (2 TREES)	1	LS		
SCDOT ROAD WORK FOR FM AND GRAVITY					
47	SCDOT ROAD PAVEMENT CUT AND REPAIR	40	SY		
48	TRAFFIC CONTROL	1	LS		
TESTING					
49	SOIL COMPACTION TESTING	1	LS		

Force Main Base Bid Subtotal

BID FORM TOTALS

Base Bid List and Total

Roadway Base Bid Subtotal:

Force Main Base Bid Subtotal:

Total Cost (Roadway + Force Main):

Total Project Bid:

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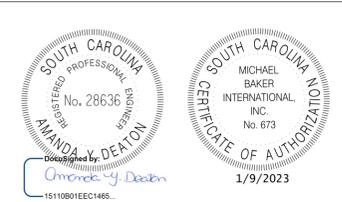
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2

TOWN OF SUMMERVILLE

SUMMARY OF ESTIMATED QUANTITIES

SECTION	DESCRIPTION	QUANTITY	UNIT
1031000	MOBILIZATION	1	LS
1032010	BONDS AND INSURANCE	1	LS
1050800	CONSTRUCTION STAKES, LINES & GRADES	1	EA
1052000	UTILITY RELOCATION (SEWER)	1	LS
1071000	TRAFFIC CONTROL	1	LS
1080300	CPM PROGRESS SCHEDULE	1	LS
1090200	AS-BUILT CONSTRUCTION PLANS	1	LS
2012000	CLEARING & GRUBBING WITHIN ROADWAY	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 1	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 2	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 3	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 4	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 5	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 6	1	LS
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	10600	SY
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	3626	SY
2030010	FURNISH AND INSTALL MAILBOX	100	EA
2031000	UNCLASSIFIED EXCAVATION	15554	CY
2033000	BORROW EXCAVATION	30697	CY
2034000	MUCK EXCAVATION	10073	CY
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2034524	24" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	391	LF
2034530	30" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	100	LF
2034536	36" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	48	LF
2034560	60" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	146	LF
2081001	FINE GRADING	38436	SY
2103000	FLOWABLE FILL	810	CY
3069900	MAINTENANCE STONE	790	TON
3100310	HOT MIX ASPHALT BASE COURSE - TYPE A	14006	TON
4011004	LIQUID ASPHALT BINDER PG64-22	1679	TON
4012100	FULL DEPTH ASPH. PAV. PATCHING 10"UNIF	110	SY
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	3034	SY
4020320	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B	11738	TON
4020330	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C	230	TON

4030320	HOT MIX ASPHALT SURFACE COURSE TYPE B	8824	TON
4030340	HOT MIX ASPHALT SURFACE COURSE TYPE C	184	TON
6021120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	1164	SF
6021125	PERMANENT CONSTRUCTION SIGNS (BARRICADE MOUNTED)	210	SF
6041200	BARRICADE - TYPE 3	252	LF
6250005	4" WHITE BROKEN LINES -(GAPS EXCLUDED)-FAST DRY PAINT	7320	LF
6250010	4" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT	25490	LF
6250015	8"WHITE SOLID LINES(CROSSWALK&CHANNELIZATION)FAST DRY PAINT	11580	LF
6250025	24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT	2299	LF
6250030	WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY PAINT	78	EA
6250035	WHITE WORD MESSAGE "ONLY"-FAST DRY PAINT	66	EA
6250043	WHITE LANE DROP ARROW (LEFT OR RIGHT)-FAST DRY PAINT	4	EA
6250045	RAILROAD CROSSING SYMBOLS - FAST DRY PAINT	4	EA
6250105	4" YELLOW BROKEN LINES(GAPS EXC) - FAST DRY PAINT	3580	LF
6250110	4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT	47794	LF
6250112	6" YELLOW SOLID LINE ON CURB/MEDIAN - FAST DRY PAINT	2685	LF
6250115	24" YELLOW DIAGONAL LINES - FAST DRY PAINT	235	LF
6271005	4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC- 90 MIL.	3760	LF
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	4348	LF
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	5857	LF
6271024	24IN X 36IN WHITE TRIANG. YIELD BAR (GAPS EXC)THERMO-125MIL	28	LF
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	1182	LF
6271030	WHITE SINGLE ARROWS (LT, STRGHT, RT) THERMO.-125 MIL.	41	EA
6271035	WHITE WORD MESSAGE "ONLY" -THERMOPLASTIC - 125 MIL.	36	EA
6271043	WHITE LANE DROP ARROW(LT.OR RT.)THERMO-125MIL	2	EA
6271045	RAILROAD CROSSING SYMBOLS - THERMOPLASTIC - 125 MIL.	2	EA
6271064	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	1918	LF
6271074	4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL.	24747	LF
6300005	PERMANENT CLEAR PAVEMENT MARKERS- MONO-DIR.- 4"X4"	256	EA
6301005	PERMANENT YELLOW PAVEMENT MARKERS MONO-DIR.- 4"X 4" PERM. YEL.	179	EA
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X4"	520	EA
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	366	SF
6510106	FLAT SHEET, TYPE III, SIZE DETERMINED BY MSG	65.25	SF
6510108	FLAT SHEET, TYPE XI, SIZE DETERMINED BY MSG, OVERHEAD	86	SF
6513020	F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	9	EA
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	691	LF
6551110	SQUARE TUBING POST 12 GAUGE - 13/4" X 13/4" X 8	204	LF



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4	PLD	01/09/23	REMOVED BID ITEM 6020106
3	PLD	11/22/22	REMOVED REMOVAL AND DISPOSAL ITEMS 7-10
2	PLD	09/28/22	REVISED QUANTITIES FOR US 78 REDESIGN & NORTH MAPLE ADDITIONAL RIGHT TURN LANE
1	AYD	3/3/22	ADDED BID ITEM 1052000

DESIGNED BY: _____ DATE: _____
DRAWN BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
SUMMARY OF ESTIMATED QUANTITIES

SHEET 2 SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2B

TOWN OF SUMMERVILLE

SUMMARY OF ESTIMATED QUANTITIES

SECTION	DESCRIPTION	QUANTITY	UNIT
8100100	PERMANENT COVER	7.600	ACRE
8100200	TEMPORARY COVER	15.200	ACRE
8101105	COMPOST	2034	CY
8101110	STRAW OR HAY MULCH WITH TACKIFIER	20	ACRE
8104005	FERTILIZER (NITROGEN)	758	LB
8104010	FERTILIZER (PHOSPHORIC ACID)	758	LB
8104015	FERTILIZER (POTASH)	758	LB
8105005	AGRICULTURAL GRANULAR LIME	15164	LB
8109050	SELECTIVE WATERING	135750	GAL
8109901	MOWING	46	ACRE
8131000	SODDING	0.5	MSY
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	25	ACRE
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	2920	LF
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	2780	LF
8152007	SEDIMENT TUBES FOR DITCH CHECKS	1140	LF
8153000	SILT FENCE	14150	LF
8153090	REPLACE/REPAIR SILT FENCE	1405	LF
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	3512	LF
8156205	INLET STRUCTURE FILTER - TYPE D1	58	EA
8156207	FILTER MATERIAL FOR INLET STRUCTURE FILTER - TYPE D1	110	EA
8156490	STABILIZED CONSTRUCTION ENTRANCE	1925	SY

MOBILIZATION	1	LS	AS DIRECTED BY ENGINEER
BONDS AND INSURANCE	1	LS	AS DIRECTED BY ENGINEER
CONSTRUCTION STAKES, LINES & GRADES	1	EA	AS DIRECTED BY ENGINEER
TRAFFIC CONTROL	1	LS	AS DIRECTED BY ENGINEER
CPM PROGRESS SCHEDULE	1	LS	AS DIRECTED BY ENGINEER
AS-BUILT CONSTRUCTION PLANS	1	LS	AS DIRECTED BY ENGINEER
CLEARING & GRUBBING WITHIN ROADWAY	1	LS	AS DIRECTED BY ENGINEER
FURNISH AND INSTALL MAILBOX	100	EA	AS DIRECTED BY ENGINEER
UNCLASSIFIED EXCAVATION	9358	CY	AS DIRECTED BY ENGINEER
BORROW EXCAVATION	14163	CY	AS DIRECTED BY ENGINEER
MUCK EXCAVATION	10073	CY	AS DIRECTED BY ENGINEER
18" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	581	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
24" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	391	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
30" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	100	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
36" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	48	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
60" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	146	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
FINE GRADING	38336	SY	AS DIRECTED BY ENGINEER
FLOWABLE FILL	810	CY	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
MAINTENANCE STONE	790	TON	FOR MAINTENANCE OF DRIVES
LIQUID ASPHALT BINDER PG64-22	372	TON	FOR BUILDUP
MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	3034	SY	AS DIRECTED BY ENGINEER
HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B	7435	TON	FOR BUILDUP
2.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	3000	LF	FOR IN CONTRACT UTILITIES
3.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	500	LF	FOR IN CONTRACT UTILITIES
2.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	42	EA	FOR IN CONTRACT UTILITIES
3.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	6	EA	FOR IN CONTRACT UTILITIES
18" RC PIPE CUL.-CLASS V	8	LF	FOR ADDITIONAL DRAINAGE
14"X 23" HORIZONTAL ELLIPTICAL (HE) RC PIPE CUL.-CLASS HE-III	32	LF	FOR ADDITIONAL DRAINAGE
19"X 30" HORIZONTAL ELLIPTICAL (HE) RC PIPE CUL.-CLASS HE-III	8	LF	FOR ADDITIONAL DRAINAGE
14"X 23" HORIZONTAL ELLIPTICAL (HE) RC PIPE CUL.-CLASS HE-IV	64	LF	FOR ADDITIONAL DRAINAGE
18" SMOOTH WALL PIPE	952	LF	FOR ADDITIONAL DRAINAGE
24" SMOOTH WALL PIPE	456	LF	FOR ADDITIONAL DRAINAGE
30" SMOOTH WALL PIPE	96	LF	FOR ADDITIONAL DRAINAGE
36" SMOOTH WALL PIPE	8	LF	FOR ADDITIONAL DRAINAGE
60" SMOOTH WALL PIPE	16	LF	FOR ADDITIONAL DRAINAGE
CLEANING EXISTING PIPE	1500	LF	FOR ADDITIONAL DRAINAGE
CATCH BASIN -TYPE 16	3	EA	FOR ADDITIONAL DRAINAGE
CATCH BASIN -TYPE 18	1	EA	FOR ADDITIONAL DRAINAGE
DROP INLET (24" X 36")	2	EA	FOR ADDITIONAL DRAINAGE
MANHOLE	1	EA	FOR ADDITIONAL DRAINAGE
48" X 48" JUNCTION BOX	1	EA	FOR ADDITIONAL DRAINAGE
EXTRA DEPTH OF BOX	3	LF	FOR ADDITIONAL DRAINAGE
BEVELING OF PIPE END	67	EA	AS DIRECTED BY ENGINEER
RIP-RAP (CLASS B)	645	TON	FOR ADDITIONAL DRAINAGE
GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2)TYPE D	738	SY	FOR ADDITIONAL DRAINAGE
48"-CHAIN LINK FENCE	250	LF	FOR TRACT 65
4' WIDE - CHAIN LINK FENCE GATE (48"HT)	2	EA	FOR TRACT 65
TEMPORARY BARRIER FENCE	1000	LF	AS DIRECTED BY ENGINEER
RIGHT OF WAY MARKER(REBAR AND CAP)	197	EA	AS DIRECTED BY ENGINEER
RIGHT OF WAY PLAT	1	LS	AS DIRECTED BY ENGINEER
PERMANENT COVER	8	ACRE	FOR EROSION CONTROL
TEMPORARY COVER	15	ACRE	FOR EROSION CONTROL
COMPOST	2034	CY	FOR EROSION CONTROL
STRAW OR HAY MULCH WITH TACKIFIER	20	ACRE	FOR EROSION CONTROL
FERTILIZER (NITROGEN)	758	LB	FOR EROSION CONTROL
FERTILIZER (PHOSPHORIC ACID)	758	LB	FOR EROSION CONTROL
FERTILIZER (POTASH)	758	LB	FOR EROSION CONTROL
AGRICULTURAL GRANULAR LIME	15164	LB	FOR EROSION CONTROL
SELECTIVE WATERING	135750	GAL	AS DIRECTED BY ENGINEER
MOWING	46	ACRE	AS DIRECTED BY ENGINEER
SODDING	0.5	MSY	AS DIRECTED BY ENGINEER
HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	25	ACRE	FOR EROSION CONTROL
INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	2920	LF	FOR EROSION CONTROL
INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	2780	LF	FOR EROSION CONTROL
SILT FENCE	14150	LF	FOR EROSION CONTROL
REPLACE/REPAIR SILT FENCE	1405	LF	FOR EROSION CONTROL
REMOVAL OF SILT RETAINED BY SILT FENCE	3512	LF	FOR EROSION CONTROL
FILTER MATERIAL FOR INLET STRUCTURE FILTER - TYPE D1	110	EA	FOR EROSION CONTROL
STABILIZED CONSTRUCTION ENTRANCE	1925	SY	AS DIRECTED BY ENGINEER

INCLUSIONS

THE FOLLOWING QUANTITIES COULD NOT BE ESTIMATED BASED ON THE PLANS, BUT THEY ARE INCLUDED IN THE SUMMARY OF ESTIMATED QUANTITIES FOR THE PURPOSE OF BID COMPARISON AND OTHER LIMITED PURPOSES. THESE "INCLUSIONS" ARE ARBITRARY NUMBERS OR REASONED GUESSES AT BEST, AND HAVE NOT BEEN COMPUTED USING ENGINEERING SKILL. THUS, THEY ARE NOT TO BE RELIED UPON FOR ANY PURPOSE. THEY MAY BE VARIED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. CHANGES INVOLVING INCREASED COST OR CHANGES IN ALIGNMENTS MUST BE SPECIFICALLY AUTHORIZED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.



4			
3			
2	PLD	01/09/23	REMOVED SOLAR LED CHANGEABLE MESSAGE SIGN FROM INCLUSIONS
1	PLD	09/28/22	REVISED QUANTITIES FOR US 78 REDESIGN & NORTH MAPLE ADDITIONAL RIGHT TURN LANE
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE	
NORTH MAPLE STREET SUMMARY OF ESTIMATED QUANTITIES	
SHEET 2B	SCALE: NTS