

FEDERAL PROJECT NO: NH-1(424)
STATE PROJECT NO.: 79011-3272-14
SUMMER AVENUE FROM NEAR 1-40 TO 0.1 MILE
NORTH OF SYCAMORE VIEW ROAD
MEMPHIS, SHELBY COUNTY

ESTIMATED QUANTITIES (WATER)

ESTIMATED UTILITY QUANTITIES								
FOOTNOTES	ITEM NO.	DESCRIPTION	UNIT	QUANTITY	% Utility Betterment	%Project Public	%Project Private	Buy America
1	795-01.02	4IN DIP SLIP JOINT WATER LINE	L.F.	83	0.00%	100.00%	0.00%	BA
1	795-01.04	6IN DIP SLIP JOINT WATER LINE	L.F.	1529	0.00%	75.47%	24.53%	BA
1	795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	L.F.	70	0.00%	100.00%	0.00%	BA
1	795-01.06	8IN DIP SLIP JOINT WATER LINE	L.F.	879	0.00%	100.00%	0.00%	BA
1	795-01.07	10IN DIP RESTRAINED JOINT WATER LINE	L.F.	230	0.00%	43.48%	56.52%	BA
1	795-01.08	10IN DIP SLIP JOINT WATER LINE	L.F.	610	0.00%	100.00%	0.00%	BA
1	795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	L.F.	1120	0.00%	91.96%	8.04%	BA
1	795-01.10	12IN DIP SLIP JOINT WATER LINE	L.F.	5905	0.00%	78.32%	21.68%	BA
1	795-01.13	16IN DIP RESTRAINED JOINT WATER LINE	L.F.	50	0.00%	100.00%	0.00%	BA
1	795-01.14	16IN DIP SLIP JOINT WATER LINE	L.F.	425	0.00%	100.00%	0.00%	BA
3	795-06.06	CONNECT TO 10IN WATER LINE	EACH	1	0.00%	100.00%	0.00%	N/A
3	795-06.07	CONNECT TO 12IN WATER LINE	EACH	1	0.00%	100.00%	0.00%	N/A
3	795-06.09	CONNECT TO 16IN WATER LINE	EACH	1	0.00%	100.00%	0.00%	N/A
--	795-06.34	CUT AND CAP 8IN WATER LINE	EACH	2	0.00%	100.00%	0.00%	N/A
--	795-06.36	CUT AND CAP 10IN WATER LINE	EACH	2	0.00%	100.00%	0.00%	N/A
--	795-06.37	CUT AND CAP 12IN WATER LINE	EACH	8	0.00%	100.00%	0.00%	N/A
--	795-06.39	CUT AND CAP 16IN WATER LINE	EACH	1	0.00%	100.00%	0.00%	N/A
4	795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	EACH	1	0.00%	100.00%	0.00%	BA
4	795-07.10	10IN X 10IN TAPPING SLEEVE AND VALVE	EACH	3	0.00%	66.67%	33.33%	BA
4	795-07.15	12IN X 12IN TAPPING SLEEVE AND VALVE	EACH	4	0.00%	100.00%	0.00%	BA
4	795-07.21	16IN X 16IN TAPPING SLEEVE AND VALVE	EACH	1	0.00%	100.00%	0.00%	BA
5	795-08.04	6IN GATE VALVE ASSEMBLY	EACH	5	0.00%	100.00%	0.00%	MISC
5	795-08.05	8IN GATE VALVE ASSEMBLY	EACH	3	0.00%	100.00%	0.00%	MISC
5	795-08.06	10IN GATE VALVE ASSEMBLY	EACH	3	0.00%	66.67%	33.33%	MISC
5	795-08.09	12IN GATE VALVE ASSEMBLY	EACH	9	0.00%	88.89%	11.11%	MISC
6	795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	EACH	47	0.00%	100.00%	0.00%	MISC
6	795-09.02	1IN WATER SERVICE METER ASSEMBLY	EACH	8	0.00%	100.00%	0.00%	MISC
6	795-09.04	2IN WATER SERVICE METER ASSEMBLY	EACH	2	0.00%	100.00%	0.00%	MISC
6	795-09.06	4IN WATER SERVICE METER ASSEMBLY	EACH	2	0.00%	100.00%	0.00%	MISC
6	795-09.07	6IN WATER SERVICE METER ASSEMBLY	EACH	8	0.00%	100.00%	0.00%	MISC
6	795-09.08	8IN WATER SERVICE METER ASSEMBLY	EACH	2	0.00%	100.00%	0.00%	MISC
12	795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	EACH	69	0.00%	100.00%	0.00%	MISC
7	795-09.12	2IN COPPER SERVICE PIPE	L.F.	502	0.00%	100.00%	0.00%	N/A
7	795-09.28	3/4IN COPPER SERVICE PIPE	L.F.	729	0.00%	100.00%	0.00%	N/A
7	795-09.29	1IN COPPER SERVICE PIPE	L.F.	1662	0.00%	100.00%	0.00%	BA
6	795-11.02	FIRE HYDRANT ASSEMBLY	EACH	34	0.00%	64.71%	35.29%	MISC
13	795-11.03	RECONNECT FIRE HYDRANT	EACH	4	0.00%	100.00%	0.00%	N/A
--	795-12.08	REMOVE WATER METER	EACH	74	0.00%	100.00%	0.00%	N/A
--	795-12.20	ADJUST EXISTING VALVE BOXES	EACH	16	0.00%	100.00%	0.00%	N/A
9	795-12.01	REMOVE FIRE HYDRANT	EACH	23	0.00%	65.22%	34.78%	N/A
1	795-01.21	30IN DIP RESTRAINED JOINT WATER LINE	L.F.	2011	0.00%	7.56%	90.20%	BA
1	795-01.22	30IN DIP SLIP JOINT WATER LINE	L.F.	6770	0.00%	18.91%	81.09%	BA
2	795-05.13	HDD 36IN HDPE CASING PIPE-UNCON	L.F.	928	0.00%	0.00%	100.00%	BA
--	795-06.44	CUT AND CAP 30IN WATER LINE	EACH	6	0.00%	0.00%	100.00%	N/A
3	795-06.13	CONNECT TO 30IN WATER LINE	EACH	12	0.00%	0.00%	100.00%	BA
5	795-08.21	30IN BUTTERFLY VALVE ASSEMBLY	EACH	9	0.00%	0.00%	100.00%	MISC
6	795-11.01	BLOW-OFF ASSEMBLY	EACH	14	0.00%	0.00%	100.00%	MISC
9	795-12.02	REMOVAL OF EXISTING LINE	L.S.	1	0.00%	58.40%	41.60%	N/A
	204-06.01	FLOWABLE FILL IN RETIRED WATER LINE	C.Y.	490.6	0.00%	0.00%	100.00%	N/A
9	795-12.05	REMOVE BLOW-OFF ASSEMBLY	EACH	14	0.00%	0.00%	100.00%	N/A
15	795-13.01	DI FITTINGS	LBS	121000	0.00%	61.16%	38.84%	BA

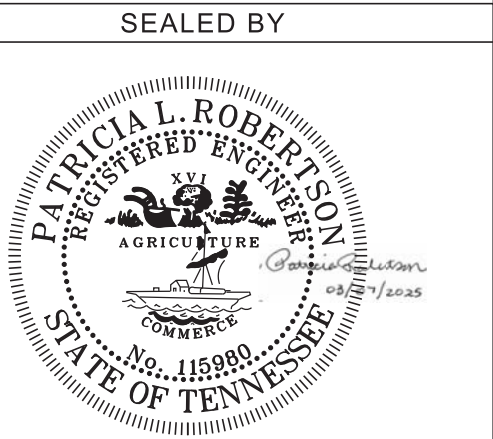
FOOTNOTES TO BE INCLUDED ON PLANS	BUY AMERICA DESIGNATION LEGEND
FOOTNOTE 1: INCLUDES ALL MATERIALS, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION OF PIPE INCLUDING BUT NOT LIMITED TO TRAFFIC CONTROL, MATERIALS, EQUIPMENT, EXCAVATION IN BOTH UNCONSOLIDATED AND ROCK, REMOVAL AND REPLACEMENT OF UNSUITABLE SOIL, ENVELOPE/BEDDING MATERIAL, BACKFILLING, FLOWABLE FILL, THRUST BLOCKING, CONCRETE DEADMAN, PIPE FUSION, TRACER WIRE, WARNING TAPE, APPURTENANCES, TEMPORARY/PERMANENT SHORING, MAINTAINING THE TRENCH, TESTING, FLUSHING, DISINFECTION, BACTERIOLOGICAL SAMPLING AND TEMPORARY/PERMANENT SURFACE RESTORATION AS SPECIFIED ON THE PLANS.	N/A NOT APPLICABLE TO BUY AMERICA. LESS THAN 90% STEEL OR IRON CONTENT WHEN DELIVERED TO THE JOB SITE FOR INSTALLATION
FOOTNOTE 2: INCLUDES ALL MATERIALS, LABOR, EQUIPMENT, AND TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO FLUID CONTAINMENT FOR COMPLETE HORIZONTAL DIRECTIONAL DRILLING INSTALLATION OF CASING PIPE OR UNCASD CARRIER PIPE IN BOTH UNCONSOLIDATED SOIL OR ROCK. IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAD AT THE OPEN CUT ITEM.	MISC MISCELLANEOUS COMPONENTS AND HARDWARE SUCH AS CABINETS, COVERS, SHELVES, CLAMPS, FITTINGS, SLEEVES, WASHERS, BOLTS, NUTS, SCREWS, TIE WIRE, SPACERS, CHAIRS, ETC.
FOOTNOTE 3: INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY FOR CONNECTING TO AN EXISTING WATER LINE INCLUDING TRAFFIC CONTROL.	
FOOTNOTE 4: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO TAPPING SLEEVE, VALVE, VALVE BOX, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, BLOCKING AND RESTRAINT, TAP OF EXISTING LINE, AND TRAFFIC CONTROL.	BA BUY AMERICA. CERTIFICATION IS REQUIRED FOR ALL STRUCTURAL STEEL OR IRON COMPONENTS FOR ITEM. MISCELLANEOUS COMPONENTS, SUCOMPONENTS, AND HARDWARE NECESSARY TO ENCASE, ASSEMBLE, AND CONSTRUCT DO NOT REQUIRE CERTIFICATION.
FOOTNOTE 5: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO FITTINGS, VALVE, VALVE STEM EXTENSIONS, VALVE BOX AND COVER, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, BLOCKING, AND TRAFFIC CONTROL.	
FOOTNOTE 6: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO MACHINERY, TOOLS OR APPARATUS NECESSARY FOR INSTALLATION OF ASSEMBLIES AS DESCRIBED IN THE PLANS AND SPECS EXCEPT FOR SERVICE LINE WHICH IS PAID SEPERATELY FOR EACH FOOT INSTALLED.	BAR BUY AMERICA. CERTIFICATION REQUIRED FOR ALL STEEL OR IRON COMPONENTS OF PRECAST CONCRETE PRODUCTS CONTAINING REINFORCING STEEL, WIRE MESH, AND PRE-STRESSING OR POST-TENSIONING STRANDS AND CABLES.
FOOTNOTE 7: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF SERVICE LINE OR CASING FOR SERVICE LINE ON LONG SIDE AND SHORT SIDE OF MAIN.	
FOOTNOTE 8: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF UNIT OR LUMP SUM ITEM AS SPECIFIED ON BID FORM.	
FOOTNOTE 9: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR REMOVAL OF ITEM.	
FOOTNOTE 10: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO CASING PIPE, PIPE SPACERS, CASING END SEALS, FITTINGS, TRACER WIRE, WARNING TAPE, UTILITY LINE MARKERS AND TRAFFIC CONTROL. IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM.	
FOOTNOTE 11: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT, SETUP AND TRAFFIC CONTROL.	
FOOTNOTE 12: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR REMOVAL OF EXISTING WATER SERVICE METER ASSEMBLY AND INSTALLING AT NEWLY IDENTIFIED LOCATION.	
FOOTNOTE 13: INCLUDES ALL MATERIALS, LABOR , AND EQUIPMENT TO DISCONNECT AND RECONNECT EXISTING FIRE HYDRANT TO A NEW LINE	
FOOTNOTE 14: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT TO GROUT ALL PIPES IDENTIFIED ON THE PLANS. PAYMENT AS IDENTIFIED ON BID FORM	
FOOTNOTE 15: INCLUDES FITTINGS, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS.	

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3/6/2025 REVISED ITEM NUMBER 795-05.13
WITH BUY AMERICA DESIGNATION

3/7/2025 REVISED QUANTITY FOR ITEM
NUMBER 204-06.01

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	79011-3272-14 NH-1(424)	U5-1



STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

WATER
UTILITY

ESTIMATED QUANTITIES
&
FOOTNOTES