

PROJECT NAME: Boston Road, Billerica

PROJECT NUMBER: 605178

Notes:

PREPARED BY: BETA GROUP

REVISION DATE: 8/3/2021 (100% Utility Plan)

OFFSETS MEASURED TO: CENTER OF POLE

Existing								Proposed By Designer						MISC Info / Comments	
Plan Sheet #	Station	Offset (FEET)	Pole Identification	RET/R&R/PROP/REM	Distance to New Pole (FEET)	Offset to New Pole (FEET)	Streetlight	Station	Offset (FEET)	Easting	Northing	Cut	Fill		
													6 Inch + Changes ONLY		
<b>BOSTON ROAD</b>															
56	12+36.29	42.80	LT	NG 120	RET			X							Proposed 20' Guy
56	13+27.39	37.24	LT	NG 121 W/ GUY	R&R	0.08	2.21		13+27.47	39.45	LT	3032763.0108	716497.8191		Proposed 8' guy
56	14+38.72	37.22	LT	NG 122	RET										
56	14+40.29	25.68	RT	NG 122-84 W/ GUY	RET										
56	15+55.69	41.10	LT	MECO 10/ NETCO 124	R&R	-0.02	2.17		15+55.67	43.27	LT	3032559.7181	716588.8941		Flood Light
56	16+13.05	59.51	LT	MECO 10-124/ NETCO 1 W/GUY	RET										Flood Light
57	16+17.02	37.53	RT	MECO 10/ NETCO 5-1 W/ GUY	RET										
57	16+85.32	38.52	LT	MECO 10/ NETCO 125 W/ TRANSFORMER	R&R	-3.77	1.16	X	16+81.55	39.68	LT	3032451.7031	716647.2016		LRTA Sign
57	17+30.64	46.47	LT	NG 125-1/ NECO 10	RET										Flood Light
57	17+80.54	33.56	LT	NETCO 126 W/ TRANSFORMER	R&R	0.05	4.94		17+80.59	38.50	LT	3032371.5538	716700.2523		Proposed 16' push brace; Proposed light
57	18+62.37	26.87	LT	NETCO 127	R&R	-4.74	11.63		18+57.63	38.50	LT	3032312.5661	716746.3254		
57	18+63.63	82.17	RT	NETCO 127-1 W/ GUY	PROP	-6.27	-57.17		18+57.36	25.00	RT	3032272.3174	716697.2085		Retain Flood Light & Antenna and abandon existing pole; Proposed pole with 8' guy
57	19+71.45	29.15	LT	128	R&R	-6.50	9.35		19+64.95	38.50	LT	3032229.8474	716814.7022		Proposed light
57	20+08.40	76.61	RT	128-1	RET										
57	20+83.29	31.84	LT	NG 129 W/ TRANSFORMER & GUY	R&R	2.83	6.84	X	20+86.12	38.68	LT	3032135.6002	716892.2920		Proposed 10' guy
57	21+81.54	33.25	LT	NETCO 10/130 W/ GUY	R&R	0.02	5.25		21+81.56	38.50	LT	3032056.7628	716950.2559		Proposed 10' guy; Proposed light
58	22+83.88	33.71	LT	MECO 131 W/ GUY	R&R	0.01	4.79		22+83.89	38.50	LT	3031968.6661	717006.8506		Proposed 6' guy
58	22+93.68	39.08	RT	NG 131-1 W/ GUY	RET										
58	24+03.82	37.18	LT	MECO 10/132 W/ TRANSFORMER	R&R	-0.27	2.32	X	24+03.55	39.50	LT	3031866.6673	717069.4282		Light
58	25+00.16	36.26	LT	MECO 133 W/ GUY	R&R	-15.78	3.89		24+84.38	40.15	LT	3031797.7492	717111.6815		Proposed 15' guy
58	25+10.82	47.43	LT	MECO 17	PROP	0.00	0.00		25+10.82	47.43	LT	3031778.8571	717131.5525		Replace Pole; Proposed 32' guy
58	26+21.40	37.83	LT	NG 134 W/ RISER	R&R	6.53	9.70	X	26+27.93	47.53	LT	3031676.2398	717191.3199		Proposed 12' guy; street light, fiber optics riser
58	26+29.82	95.82	RT	MECO 18	PROP	0.00	0.00		26+29.82	95.82	RT	3031605.0065	717066.9098		Replace Pole and Remove Anchor; Proposed 18' Pushbrace
58	26+97.96	40.11	LT	NG 135/10 NETCO 135/10 W/ TRANSFORMER & GUY	R&R	37.20	6.89		27+35.16	47.00	LT	3031580.7709	717242.0642		Proposed Overhead to Underground Service Riser (2-NGRID & 1-Verizon)
59	27+47.03	37.06	RT	MECO 10-135 W/ GUY	RET										Proposed Overhead to Underground Service Riser (2-NGRID & 1-Verizon)
59	28+17.43	40.61	LT	NG 136 W/ TRANSFORMER	R&R	-5.83	6.39	X	28+11.60	47.00	LT	3031513.2772	717277.9377		Proposed Overhead to Underground Service Riser (1-Comcast); Remove light
59	29+01.45	34.02	RT	MECO 137-1 W/GUY & RISER	RET										Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon & 1-Comcast); Retain guy
59	29+28.86	40.41	LT	MECO 137 W/ TRANSFORMER	R&R	-1.85	6.59		29+27.01	47.00	LT	3031411.3637	717332.1085		Proposed Overhead to Underground Service Riser (2-NGRID, 1-Verizon, 1-Comcast)
59	30+41.13	40.85	LT	MECO 138 W/ 2 RISERS & TRANSFORMER	R&R	0.43	6.15	X	30+41.56	47.00	LT	3031310.2202	717385.8691		No Parking Sign; Light
59	31+53.23	40.66	LT	MECO 139/ VRZN 139	R&R	-6.91	6.97		31+46.32	47.63	LT	3031218.0101	717435.5999		Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon & 1-Comcast)
59	31+78.92	17.04	RT	MECO 19X	R&R	-24.73	13.71		31+54.19	30.75	RT	3031174.2566	717370.0919		Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon & 1-Comcast)
60	32+59.10	39.83	LT	MECO 140/ VRZN 10-140	R&R	-0.61	7.76		32+58.49	47.59	LT	3031119.7821	717488.5762		

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Plan Sheet #	Station	Offset (FEET)		Pole Identification	RET/R&R / PROP / REM	Distance to New Pole (FEET)	Offset to New Pole (FEET)	Streetlight	Station	Offset (FEET)		Easting	Northing	Cut	Fill	
60	33+44.71	38.36	LT	MECO 141/ VRZN 141 W/TRANSFORMER	R&R	-0.21	8.73	X	33+44.50	47.09	LT	3031044.0788	717529.4046			Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon, 1-Comcast); Light
60	34+02.50	35.06	RT	MECO 142-1 W/GUY & RISER	REM											
60	34+32.49	37.91	LT	MECO 142/ VRZN 142	REM											LRTA Sign
60	34+92.77	13.94	RT	MECO 143S/ NETCO 143-8 W/GUY	REM											LRTA Sign
60	34+94.32	37.60	LT	MECO 143	R&R	-14.13	8.70		34+80.19	46.30	LT	3030924.6887	717593.7941			Proposed 20' Push Brace; No Parking Sign
60	35+67.84	40.66	LT	MECO 144/ NETCO 144	R&R	6.05	12.56		35+73.89	53.22	LT	3030850.0926	717645.7105			
60	36+26.30	35.04	RT	454/1	R&R	-4.01	14.50	X	36+22.29	49.54	RT	3030753.4160	717586.1629			Proposed 10' guy; Proposed Overhead to Underground Service Riser (2-NGRID, 1-Comcast)
60	36+68.82	42.33	LT	MECO 145 W/ GUY	R&R	3.45	13.08	X	36+72.27	55.41	LT	3030771.3975	717701.1275			Proposed Overhead to Underground Service Riser (2-NGRID, 1-Comcast); Remove light
61	37+75.78	47.11	LT	NETCO 10/146 W/ SWITCH GEAR	R&R	0.35	11.06		37+76.13	58.17	LT	3030687.2663	717762.3582			Proposed Overhead to Underground Service Riser (1- Verizon)
61	38+85.42	52.21	LT	NETCO 10/147	R&R	0.28	9.90		38+85.70	62.11	LT	3030598.1494	717827.2174			
61	39+78.77	54.47	LT	NETCO 10/148 W/ GUY	R&R	13.35	11.77	X	39+92.12	66.24	LT	3030512.0378	717889.8894			Proposed 12' guy; Proposed Overhead to Underground Service Riser (2-NGRID, 1-Comcast); Remove light
61	41+06.33	47.93	LT	NETCO 10/149 W/ GUY	R&R	3.50	13.07	X	41+09.83	61.00	LT	3030405.6540	717949.9940			Flashing School Zone Sign (Remove by Others); Remove guy; Remove light
61	41+02.64	19.34	RT	NO #	REM											Flashing School Zone Sign (Remove by Others)
62	41+91.48	44.56	LT	NETCO 10/150 W/ LOAD BREAK SWITCH	R&R	-3.77	16.44	X	41+87.71	61.00	LT	3030334.5979	717988.5173			Proposed 10' guy; Fire Station Sign
62	42+74.18	42.40	LT	NETCO 10/151 W/ GUY	R&R	0.53	17.56	X	42+74.71	59.96	LT	3030255.4713	718026.6411			Remove Light
62	43+46.10	40.76	LT	NO 152 W/GUY & RISER	R&R	11.04	17.34	X	43+57.14	58.10	LT	3030180.7467	718061.5045			Remove Light
62	43+48.55	27.71	RT	NETCO 10/152 W/ 2 GUYS	REM			X								Crosswalk Warning Signs (Remove by Others); Remove light
62	44+32.78	31.13	RT	NETCO 10/153	REM			X								LRTA Sign
62				153	PROP				44+44.70	56.13	LT	3030101.3785	718098.5345			Proposed Overhead to Underground Service Riser (1-NGRID, 2-Verizon, 1-Comcast)
62	45+13.41	32.42	LT	MECO 154X/ NETCO 154X	R&R	-0.66	22.18	X	45+12.75	54.60	LT	3030039.6950	718127.3135			Proposed 8' guy; Relocate light to face Mulberry Lane; LRTA Sign
62	45+53.16	31.72	RT	NETCO 10/154 W/ TRANSFORMER	REM											
63	46+56.49	29.78	LT	METCO 155-1 W/ GUY	R&R	0.29	12.79		46+56.78	42.57	LT	3029898.9172	718176.0457			Proposed 10' guy; Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon, 1-Comcast)
63	46+59.71	29.23	RT	NETCO 10/155	REM			X								
63				156	PROP				47+69.51	38.00	LT	3029787.8566	718208.9865			Proposed Utility Pole; Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon, 1-Comcast)
63	47+88.86	33.91	RT	MECO 156 W/ TRANSFORMER	REM											
63	48+60.40	32.23	RT	MECO 157 W/ 2 RISERS & TRANSFORMER	REM											
63				157	PROP				48+78.86	40.11	LT	3029682.0809	718240.3598			Proposed Utility Pole; Proposed Overhead to Underground Service Riser (1-NGRID, 1-Verizon, 1-Comcast)
63	49+40.35	31.93	RT	MECO 158	REM											
63	49+50.29	41.77	LT	MECO 158/1 W/ GUY	PROP				49+50.29	41.77	LT	3029613.5788	718260.6776			Upgrade pole in place; Proposed 30' guy; Proposed 12' guy
63	50+68.23	33.69	RT	MECO 159 W/ TRANSFORMER	PROP				50+68.57	33.69	RT	3029480.0017	718218.7162			Upgrade pole in place; Proposed 12' guy; Proposed 8' guy
<b>HERITAGE ROAD</b>																
64	50+62.38	25.86	RT	NG 1/ MECO 72 W/ GUY & 3 RISERS	R&R	10.29	12.46		50+72.67	38.32	RT	3031733.0460	717207.7171			Proposed 12' guy; Proposed light
64	51+92.13	24.41	RT	MECO 2 W/ GUY, 3 RISERS & 3 TRANSFORMERS	R&R	0.64	9.18		51+92.77	33.59	RT	3031854.8276	717245.4715			Proposed 10' guy; Proposed light
64	52+36.27	66.64	LT	MECO 16-89 GUIDE POLE	RET											
64	52+36.55	50.91	LT	MECO 16	RET											
64	52+38.45	61.73	LT	NG 32-84	R&R	0.00	0.00		52+38.45	61.73	LT	3031921.7950	717164.0920			Replace Pole; Proposed 6' guy

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Plan Sheet #	Station	Offset (FEET)		Pole Identification	RET/ R&R / PROP / REM	Distance to New Pole (FEET)	Offset to New Pole (FEET)	Streetlight	Station	Offset (FEET)		Easting	Northing	Cut	Fill	
64				3-84	PROP				53+45.39	19.53	LT	3032016.7249	717227.9995			Proposed Utility Pole; Proposed 6' guy
64	53+48.66	21.68	RT	MECO 3/ NETCO 3 W/ RISER	R&R	-10.05	10.08		53+38.61	31.76	RT	3031999.1887	717276.6698			
64				4-84	PROP				54+37.31	19.50	LT	3032105.5021	717278.6625			Proposed Utility Pole; Proposed 6' guy
64	54+48.64	16.21	LT	NG 4/ NETCO 4 W/ 2 GUYS	REM			X								Chevron Sign
64				4	PROP				54+37.84	31.57	RT	3032068.2924	717313.6380			Proposed Utility Pole
64				4-50-84	PROP				55+28.66	19.50	LT	3032149.0543	717369.2369			Proposed Utility Pole; Proposed 6' guy
64				4-50	PROP				55+33.99	31.50	RT	3032100.1635	717384.6974			Proposed Utility Pole; Proposed Transformer; Proposed Light
64				5	PROP				56+33.73	31.50	RT	3032120.2011	717482.4061			Proposed Utility Pole
64	56+39.45	12.58	LT	762/5 W/ TRANSFORMER	REM			X								
64				5-84	PROP				56+39.45	19.50	LT	3032171.3102	717477.7628			Proposed Utility Pole; Proposed 6' guy
65				6	PROP				57+61.21	31.98	RT	3032145.3402	717607.3862			Proposed Utility Pole; Proposed Transformer; Proposed Light
65	57+68.66	11.52	LT	6 W/ TRANSFORMER	REM			X								
65				6-84	PROP				57+65.56	19.50	LT	3032196.6448	717601.3010			Proposed 6' guy
65	57+86.08	71.20	RT	73/1	PROP				57+86.08	71.20	RT	3032110.9711	717637.5760			Upgrade Pole in place; Proposed 12' guy
65				6-50	PROP				58+55.87	31.55	RT	3032161.9530	717699.5758			Proposed Utility Pole w/ Traffic Signal Service Connection Riser; Proposed Transformer; Proposed 10' guy; Proposed Light
65	58+98.89	12.62	LT	7 W/ 2 GUYS	R&R	2.79	9.64		59+01.68	22.26	LT	3032224.0811	717734.5453			Proposed 6' guy; Proposed light
65	59+65.85	18.24	RT	8	PROP			X	59+65.85	18.24	RT	3032196.0758	717805.3503			Upgrade Pole in place; Proposed 12' guy; Proposed light
<b>FARMERS LANE</b>																
60	2+51.21	12.35	RT	NETCO 21/1	PROP	-0.21	3.48		02+51.00	15.83	RT	3030980.7940	717683.1789			Upgrade Pole
60	3+72.77	13.25	RT	NETCO 21/2	RET											
<b>GOOD STREET</b>																
61				P0-50	PROP				70+69.80	15.50	LT	3030462.3732	717757.6862			Proposed Utility Pole with proposed 12' guy; Proposed Overhead to Underground Service Riser (2-NGRID, 1-Comcast)
66	71+49.74	18.61	LT	NETCO 455/1 W/2 GUYS	R&R	0.04	-3.11		71+49.78	15.50	LT	3030440.0316	717680.6435			Proposed Utility Pole with Traffic Signal and Fiber Optics Riser
66	72+86.45	20.44	LT	NETCO 2	PROP	0.02	-0.36		72+86.47	20.08	LT	3030399.2928	717550.0807			Upgrade Pole
66				2-84	PROP				72+87.06	22.80	RT	3030440.4808	717538.1262			Proposed Guy Pole with 8' guy
66	74+66.70	21.66	LT	NG 3/ NETCO 2 W/TRANSFORMER	PROP	0.00	0.00		74+66.70	21.66	LT	3030348.4724	717377.5340			Upgrade Pole in place
66	76+22.00	21.02	LT	4	PROP				76+22.00	21.02	LT	3030305.3273	717228.3443			Upgrade Pole in place
<b>MULBERRY LANE</b>																
62	6+78.39	15.72	LT	MECO 1	PROP				06+78.39	15.72	LT	3030080.1051	718135.5271			Upgrade Pole in place; Proposed 8' SW guy