

Dear Hearing Officer Lee,

As a National Grid customer I have been reviewing the documentation for 25-GSEP-03 and have these comments regarding NPA completeness in the October 31, 2025 submission.

Incomplete NPA analyses

For the “out years” 2027 to 2030, only 82 of 472 projects were evaluated for NPA. In its filing, National Grid implied that evaluation of NPAs for “future projects” was incomplete at the time of the filing (see [NG-GPP-1](#) pp. 16 and 17). I suggest the Department require complete NPA evaluations in a timely manner for complete review of this Petition.

Displayed project descriptions are incomplete but many are discoverable

In [NG-GPP-4](#) and [NG-GPP-10](#), each project is identified with a “Description” but in many cases the Description is incomplete because it does not list all the affected street segments. This omission prevents complete review of the NPA analyses.

However, close examination of [NG-GPP-15](#) revealed that the file contains complete street segment descriptions of each NPA-analysed project (and others).

For example, for National Grid work order #1196307 with the Description “1-22 OLD COLONY RD, ARL” the file contains the full scope of work to be:

"As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of:
--> aprx 650 feet of 4 inch, LP bare steel (1956) with aprx 650 feet of 6 inch, LP plastic in Old Colony Rd from Windmill Ln to Old Middlesex Path,
--> aprx 45 feet of 4 inch, LP bare steel (1955) with aprx 15 feet of 6 inch LP plastic in the intersection of Windmill Ln and Old Colony Rd,
--> aprx 30 feet of 4 inch, LP plastic (2002) with aprx 30 feet of 4 inch, LP plastic in the intersection of Old Colony Rd and Arrowhead Ln,
--> aprx 515 feet of 6 inch, LP bare steel (1956) with aprx 515 feet of 6 inch, LP plastic in Old Middlesex Path from Old Colony Rd to Longmeadow Rd, and
--> aprx 60 feet of 6 inch, LP bare steel (1956) and aprx 185 feet of 6 inch, LP cast iron (1900) with aprx 245 feet of 6 inch, LP plastic in Longmeadow Rd from Old Middlesex Path to the exst 6 inch, LP plastic at #28 Longmeadow Rd."

For the benefit of other reviewers, this comment includes an Attachment with complete descriptions of GSEP projects which were visible in the NG-GPP-15 submission. To aid their review, I suggest the Department request that National Grid confirm the accuracy of the descriptions in the Attachment.

National Grid was recently requested to provide to the City of Newton similar full descriptions of project scope for planned GSEP activity in Newton. The National Grid representative agreed to provide such information, but noted that it would require a significant engineering effort to compile, and that it would take a significant amount of elapsed time. Our discovery of such information embedded in NG-GPP-15 indicates that the effort would actually be minimal.

Thank you very much.

Peter J. Barrer

A handwritten signature in blue ink that reads "Peter J. Barrer". The signature is written in a cursive style with a blue highlight or shadow effect.

Peter J. Barrer
60 Endicott St.
Newton, MA 02461

Dated: November 24, 2025

cc: jralston@keeganwerlin.com

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Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
9476651	Acton	153-198 ARLINGTON ST, ACT, 31-36 ELM ST	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 1,205 feet of 2 inch, 60 psig coated steel (1930/1958 - NACT0000/DACT0112) and aprx 15 feet of 2 inch, 60 psig plastic (2001/2017) with aprx 1,220 feet of 4 inch, 60 psig plastic in Arlington St from exst 4 inch, 60 psig plastic (2001) at #153 Arlington St to exst 4 inch, 60 psig plastic (2017) at #198 Arlington St, --> aprx 50 feet of 2 inch, 60 psig coated steel (1964 - DACT0139) with aprx 50 feet of 2 inch, 60 psig plastic at the Houghton Ln / Arlington St intersection, --> aprx 260 feet of 2 inch, 60 psig coated steel (1930 - NACT0000) with aprx 260 feet of 2 inch, 60 psig plastic in Elm St from Arlington St to exst 2 inch, 60 psig plastic (2021) at #31 Elm St	NG-GPP-10 line 235
553536	Arlington	4-35 JOYCE RD, ARL, & 3-19 IVY CIR	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 800 feet of 4 inch, LP cast iron (1948) with aprx 800 feet of 4 inch, 25 psig plastic in Joyce Rd from Oak Hill Dr to Saratoga Rd, -->aprx 305 feet of 4 inch, LP cast iron (1948) with aprx 305 feet of 4 inch, 25 psig plastic in Ivy Circle from Joyce Rd to the end of main at #19 Ivy Cir, -->aprx 45 feet of 6 inch, LP coated steel (1960) and aprx 1360 feet of 6 inch, LP cast iron (1946) with aprx 1405 feet of 6 inch, 25 psig plastic in Oak Hill Dr from Summer St to end of main at #74 Oak Hill Dr, -->aprx 165 feet of 4 inch, LP cast iron (1949), aprx 20 feet of 4 inch, LP plastic (2001), aprx 395 feet of 4 inch, LP wrought iron (1951), aprx 260 feet of 4 inch, LP plastic (1994), aprx 30 feet of 4 inch, LP plastic (2011), aprx 60 feet of 4 inch, LP bare steel (1951) and aprx 145 feet of 4 inch, LP plastic (1988) with aprx 1075 feet of 4 inch, 25 psig plastic in Woodside Ln from Oak Hill Dr to end of main at #69 Woodside Ln, -->aprx 340 feet of 4 inch, LP plastic (2018) with aprx 340 feet of 4 inch, 25 psig plastic in Vista Cir from Woodside Ln to end of main at #20 Vista Cir, and -->aprx 250 feet of 4 inch, LP plastic (2018) with aprx 250 feet of 4 inch, 25 psig plastic in Hazel Ter from Woodside Ln to end of main at #18 Hazel Ter.	NG-GPP-10 line 372
741079	Arlington	25-42 MT VERNON ST, ARL, & GLOUCESTER ST	As part of the FY16/17 CIMNRPL<10 Program, Main and Service Replacement recommends the relay of: --> aprx 300 feet of 4 inch, LP cast iron (1911) with 8 Inch plastic, in Mt. Vernon St, from # 25 to # 29 Mt. Vernon St. & the relay of --> aprx 325 feet of 4 inch, LP cast iron (1914) with 8 inch plastic, in Gloucester St, from the intersection of Mt. Vernon to # 26 Gloucester St.	NG-GPP-10 line 367
1196307	Arlington	1-22 OLD COLONY RD, ARL	As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of: --> aprx 650 feet of 4 inch, LP bare steel (1956) with aprx 650 feet of 6 inch, LP plastic in Old Colony Rd from Windmill Ln to Old Middlesex Path, -->aprx 45 feet of 4 inch, LP bare steel (1955) with aprx 15 feet of 6 inch LP plastic in the intersection of Windmill Ln and Old Colony Rd, -->aprx 30 feet of 4 inch, LP plastic (2002) with aprx 30 feet of 4 inch, LP plastic in the intersection of Old Colony Rd and Arrowhead Ln, --> aprx 515 feet of 6 inch, LP bare steel (1956) with aprx 515 feet of 6 inch, LP plastic in Old Middlesex Path from Old Colony Rd to Longmeadow Rd, and -->aprx 60 feet of 6 inch, LP bare steel (1956) and aprx 185 feet of 6 inch, LP cast iron (1900) with aprx 245 feet of 6 inch, LP plastic in Longmeadow Rd from Old Middlesex Path to the exst 6 inch, LP plastic at #28 Longmeadow Rd.	NG-GPP-4 line 89
1197133	Arlington	117-201 LAKE ST, ARL, & 1-17 WILSON AV	-->aprx 1635 feet of 10 inch LP cast iron (1928) with aprx 1635 feet of 12 inch LP plastic in Lake St. from Pondview Rd. to #201 Lake St, -->abandon aprx 20 feet of 6 inch, LP cast iron (1939) in the intersection of Colonial Dr and Lake St, --> aprx 360 feet of 6 inch LP cast iron (1930) with aprx 360 feet of 6 inch LP plastic in Wilson Av. from Lake St. to #22 Wilson Av, --> aprx 230 feet of 4 inch LP cast iron (1948) with aprx. 230 feet of 6 inch LP plastic in Mary St. from Wilson Av. to #110 Mary St, and --> aprx 180 feet of 4 inch LP cast iron (1930) with aprx. 165 feet of 6 inch LP Plastic in Mary St. from Wilson Av. to #155 Mary St.	NG-GPP-4 line 88
1343767	Arlington	8-64 LANSDOWNE RD, ARL, HEMLOCK ST & 4-53 PINE ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 460 feet of 4 inch, LP cast iron (1931), aprx 15 feet of 4 inch, LP plastic (2006) and aprx 255 feet of 4 inch, LP bare steel (1940) with aprx 730 feet of 6 inch, LP plastic in Lansdowne Rd from Hemlock St to end of main at 64 Lansdowne Rd, -->aprx 20 feet of 4 inch, LP cast iron (1926) with aprx 20 feet of 6 inch, LP plastic in the intersection Pine St and Hemlock St, and -->aprx 10 feet of 6 inch, LP plastic (2010), aprx 15 feet of 6 inch, LP plastic (2012) and aprx 550 feet of 6 inch, LP cast iron (1926) with aprx 575 feet of 6 inch, LP plastic in Hemlock St from #58 Hemlock St to #2 Hemlock St.	NG-GPP-4 line 94

Street Segments from "Exhibit NG-GPP-15.xlsx"

Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1429088	Arlington	27-75 RANDOLPH ST, ARL, FREEMAN ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 930 feet of 4 inch, LP cast iron (1912) with aprx 955 feet of 4 inch, 25 psig plastic in Randolph St from the exist 6 inch, 25 psig plastic main (installed under WO#1427469) in Lake St to end of main at #72 Randolph St, -->aprx 540 feet of 6 inch, LP cast iron (1911) with aprx 525 feet of 4 inch, 25 psig plastic in Orvis Rd from Randolph St to Massachusetts Av, (Cut and cap the LP main in Massachusetts Av) and -->aprx 940 feet of 4 inch, LP cast iron (1911) and aprx 10 feet of 4 inch, LP plastic (2018) with aprx 950 feet of 4 inch, 25 psig plastic in Freeman St from #3 Freeman St to end of main at #71 Freeman St, (Cut and cap the coated steel main. Note Reg Station #212 is within 150 feet of cut and cap) Added to scope of wo#1429088 due to branch services, 11/12/2024: --> the installation of aprx 40 feet of 2 inch, 25 psig plastic from Freeman St to #70 Freeman St (existing branch service to garage; relay branch services as individual services) --> the installation of aprx 40 feet of 2 inch, 25 psig plastic from Randolph St to #53-55 Orvis Rd (existing branch service to #57-59 Orvis Rd; relay branch services as individual services) --> the installation of aprx 40 feet of 2 inch, 25 psig plastic from Randolph St to #54-56 Orvis Rd (existing branch service to #58-60 Orvis Rd; relay branch services as individual services)	NG-GPP-4 line 93
1429118	Arlington	1-67 NEWCOMB ST, ARL, BROOKS AV	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: -->aprx 145 feet of 4 inch, LP cast iron (1925) and aprx 120 feet of 6 inch, LP cast iron (1919) with aprx 265 feet of 4 inch, 25 psig plastic in Orvis Rd from the exist 6 inch, LP cast iron in the intersection of Orvis Rd and Newcomb St to Brooks Av, (Do not connect to the LP main in Brooks Av), --> aprx 620 feet of 4 inch, LP cast iron (1912) and aprx 15 feet of 4 inch, LP plastic (2000) with aprx 635 feet of 4 inch, 25 psig plastic in Newcomb St from the exist 8 inch, 25 psig bare steel (DARL0002) in Lake St to #47 Newcomb St, -->the installation of 30 feet of 4 inch, 25 psig plastic in the gap in Newcomb St from #51 Newcomb St to # 47 Newcomb St, and -->aprx 210 feet of 4 inch, LP cast iron (1916) with aprx 210 feet of 4 inch, 25 psig plastic in Newcomb St. from #67 Newcomb St to #51 Newcomb St.	NG-GPP-4 line 92
1508347	Arlington	1-53 KILSYTHE RD, ARL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 640 feet of 4 inch, LP cast iron (1923) with aprx 640 feet of 2 inch, 25 psig plastic in Kilsythe Rd from Inverness Rd to end of main at #53 Kilsythe Rd, --> abandon aprx 20 feet of 4 inch, LP cast iron (1923) in the intersection of Roslin Rd and Kilsythe Rd, --> aprx 390 feet of 4 inch, LP cast iron (1938) with aprx 460 feet of 2 inch, 25 psig plastic in Lanark Rd from Kilsythe Rd to the exist 2 inch, 25 psig plastic in Peck Av, -->aprx 110 feet of 2 inch, LP plastic (2005) with aprx 110 feet of 2 inch, 25 psig plastic off #17 Lanark Rd, and --> aprx 390 feet of 4 inch, LP cast iron (1925) and aprx 25 feet of 4 inch, LP plastic (2000) with aprx 415 feet of 2 inch, 25 psig plastic in Inverness Rd from #3 Inverness Rd to #39 Inverness Rd (Do not connect to LP main in Aberdeen Rd).	NG-GPP-4 line 91
1508700	Arlington	1-52 KENILWORTH RD, ARL, & 24-65 HAWTHORNE AV	Project Scope: As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 645 feet of 6 inch, LP cast iron (1930) and aprx 10 feet of 6 inch, LP plastic (1991) with aprx 655 feet of 8 inch, LP plastic in Grandview Rd from the exist 6 inch, LP plastic in Grandview Rd from Eastern Av to Hawthorne Av, --> aprx 10 feet of 4 inch, LP plastic (2001) and aprx 485 feet of 6 inch, LP cast iron (1930) with aprx 495 feet of 6 inch, LP plastic in Hawthorne Av from #21 Hawthorne Av to #32 Hawthorne Av, and -->aprx 590 feet of 6 inch, LP bare steel (1950) and aprx 625 feet of 6 inch, LP cast iron (1932/1934/1935) with aprx 1215 feet of 6 inch, LP plastic in Kenilworth Rd from Hawthorne Av to Gray St.	NG-GPP-4 line 90
1516751	Arlington	351-385 MYSTIC ST, ARL	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: -->aprx 405 feet of 12 inch, 25 psig cast iron (1920) and aprx 405 feet of 6 inch, LP cast iron (1906) in parallel with aprx 405 feet of 12 inch, 25 psig plastic in Mystic St from Robinhood Rd to the exist 12 inch, 25 psig cast iron at #355 Mystic St, (Cut and cap the 8 inch, LP plastic at #355 Mystic St), Note:Reg Sta 209 is within 400 feet at #344 Mystic St -->aprx 1070 feet of 6 inch, LP cast iron (1919/1922) and aprx 5 feet of 4 inch, LP plastic (1999) with aprx 1070 feet of 6 inch, 25 psig plastic in Robinhood Rd from Mystic St to Lake Shore Dr, -->aprx 340 feet of 3 inch, LP bare steel (1951) with aprx 340 feet of 4 inch, 25 psig plastic from Robinhood Rd to end of main at #18 Parker Rd, -->aprx 325 feet of 4 inch, LP cast iron (1926) and aprx 65 feet of 4 inch, LP plastic with aprx 390 feet of 4 inch, 25 psig plastic in Cheviot Rd from Robinhood Rd to Intervale Rd, -->aprx 195 feet of 4 inch, LP plastic (2005) with aprx 195 feet of 4 inch, 25 psig plastic in Intervale Rd from Cheviot Rd to #11 Intervale Rd, and -->aprx 205 feet of 4 inch, LP plastic (1999) and aprx 440 feet of 4 inch, LP cast iron (1926) with aprx 645 feet of 4 inch, 25 psig plastic in Lake Shore Dr from #2 Lake Shore Dr connecting to Robinhood Rd and through end of main at #32 Lake Shore Dr.	NG-GPP-10 line 369
1585265	Arlington	190-246 PLEASANT ST, ARL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 1150 feet of 8 inch, LP cast iron (1909), aprx 1170 feet of 6 inch, LP wrought iron (1905), aprx 15 feet of 4 inch, LP plastic (1984) and aprx 15 feet of 4 inch, LP coated steel (1984) - UARL0014 with aprx 1180 feet of 12 inch, LP plastic in Pleasant St from the 12 inch, LP plastic installed under wo#1509902 at Gould Rd to #246 Pleasant St, and --> aprx 160 feet of 3 inch, LP bare steel (1954) with aprx 160 feet of 4 inch, LP plastic in private way off #216 Pleasant St	NG-GPP-10 line 365

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
13357813	Arlington	1-112 BROOKS AV, ARL	<p>> aprx 1340 feet of 6 inch, LP cast iron (1924/1925) with aprx 1340 feet of 6 inch, 25 psig plastic in Brooks Av from the exst 8 inch, 25 psig in Lake St to Varnum,</p> <p>--> aprx 130 feet of 6 inch, LP bare steel (1962), aprx 25 feet of 6 inch, LP plastic (2003), 475 feet of 6 inch, LP cast iron (1925/1926) with aprx 630 feet of 4 inch, 25 psig plastic in Varnum from the new 6 inch, 25 psig plastic in Herbert Rd to Brooks Av,</p> <p>--> aprx 555 feet of 4 inch, LP cast iron (1925) with aprx 555 4 inch, 22 psig plastic in Milton St from the new 6 inch, 25 psig plastic in Herbert Rd to Brooks Av,</p> <p>--> aprx 565 feet of 4 inch, LP cast iron (1925) with aprx 565 of 4 of inch, 25 psig plastic in Melrose St from the new 6 inch, 25 psig plastic in Herbert Rd to Brooks Av,</p> <p>--> aprx 30 feet of 6 inch, LP plastic (1991), aprx 205 feet of 6 inch, LP cast iron (1924) and aprx 345 feet of 4 inch, LP cast iron (1924) with aprx 580 feet of 4 inch, 25 psig plastic in Egerton Rd from the new 6 inch, 25 psig plastic in Herbert Rd to Brooks Av, and</p> <p>--> aprx 510 feet of 6 inch, LP cast iron (1924) with aprx 510 feet of 4 inch, 25 psig plastic in Chandler St from the new 25 psig plastic in Herbert Rd to Brooks Av.</p>	NG-GPP-4 line 87
13187113	Ayer	30-41 LITTLETON RD, AYE, & HATCH ST	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the:</p> <p>--> relay of aprx 1040 feet of 4 inch, 60 psig coated steel (1964/1965/1967-DAYE0001) and aprx 115 feet of 6 inch, 60 psig coated steel (1965 - DAYE0001) with aprx 1155 feet of 4 inch, 60 psig plastic in Littleton Rd from #1 Willard St to Hatch St,</p> <p>--> abandonment of aprx 25 feet of 4 inch, 60 psig coated steel (1965 - DAYE0001) at #2 Willard St,</p> <p>--> relay of aprx 45 feet of 4 inch, 60 psig coated steel (1971 - MAYE0039) with aprx 35 feet of 4 inch, 60 psig plastic across Littleton Rd from #2 Willard St to the existing 4 inch, 60 psig coated steel (1930 - MAYE0039) at #34 Littleton Rd,</p> <p>--> abandonment of aprx 5 feet of 3 inch, 60 psig coated steel (1965 - DAYE0001) at #35 Littleton Rd,</p> <p>--> abandonment of aprx 40 feet of 4 inch, 60 psig coated steel (1965 - DAYE0001) in Atherton St at #2 Atherton St,</p> <p>--> relay of aprx 10 feet of 2 inch, 60 psig coated steel (1965 - DAYE0001) with aprx 25 feet of 2 inch, 60 psig plastic in between #2 Atherton St and #190 Willard St,</p> <p>--> relay of aprx 10 feet of 2 inch, 60 psig coated steel (1965 - DAYE0001) with aprx 25 feet of 2 inch, 60 psig plastic in between #191 Willard St and #41 Littleton Rd,</p> <p>--> relay of aprx 330 feet of 4 inch, 60 psig coated steel (1965 - DAYE0001) and aprx 100 feet of 2 inch, 60 psig coated steel (1964 - DAYE0001) with aprx 430 feet of 4 inch, 60 psig plastic in Hatch St from Littleton Rd to the end of main at #29 Hatch St, and</p> <p>--> abandonment of aprx 30 feet of 1 inch, 60 psig coated steel (1965 - DAYE0001) and aprx 115 feet of 1 inch, 60 psig plastic (1996) in Hatch St from #7 Hatch St to #16 Hatch St. Ensure all services are transferred to the new 4 inch, 60 psig plastic in Hatch St</p>	NG-GPP-4 line 56
1456607	Belmont	1-95 WATSON RD, BEL	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 975 feet of 6 inch, LP cast iron (1926) with aprx 975 feet of 4 inch, 25 psig plastic in Watson Rd from the exst 12 inch, 25 psig plastic in Concord Av to #95 Watson Rd (cut and cap the exst 6 inch, LP cast iron in Watson Rd),</p> <p>--> aprx 395 feet of 4 inch, LP cast iron (1927) with aprx 395 feet of 4 inch, 25 psig plastic in Clyde St from the new 4 inch, 25 psig plastic in Watson Rd to Becket Rd (cut and cap the exst 6 inch, LP plastic in Becket Rd),</p> <p>--> abandon aprx 15 feet of 4 inch, LP cast iron (1929) in the intersection of Becket Rd and Watson Rd (cut and cap the exst 6 inch, LP plastic in Becket Rd), and</p> <p>--> aprx 615 feet of 4 inch, LP cast iron (1927) with aprx 615 feet of 4 inch, 25 psig plastic in Douglas Rd from the new 4 inch, 25 psig plastic in Watson Rd to #51 Douglas Rd (cut and cup the exst 6 inch, LP plastic in the intersection of Gale Rd and Douglas Rd).</p>	NG-GPP-4 line 95
15281911	Belmont	687-748 BELMONT ST, BEL, & 1-54 VINCENT AV	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends:</p> <p>--> the relay of aprx 230 feet of 4 inch, LP cast iron (1927) with aprx 230 feet of 6 inch, LP plastic in Belmont St from the Alma Av to Jeanette Av,</p> <p>--> the abandonment aprx 340 feet of 4 inch, LP cast iron (1927) in Belmont St from Alma Av to end of main at #687-697 Belmont St, and</p> <p>--> the relay of aprx 775 feet of 4 inch, LP cast iron (1915/1925) with aprx 775 feet of 6 inch, LP plastic in Vincent Av from Belmont St to the exst 6 inch, LP plastic in Bartlett Av.</p>	NG-GPP-4 line 96

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
12876880	Beverly	4-33 RIVER ST, BEV, & 20-25 SCHOOL ST	As part of the CIMNRPL Program, LPP Integrity Management recommends the abandonment of: --> aprx 50 feet of 4 inch, LP cast iron (1909) in School St. from School St./River St. int. to the end of the bridge at #20 School St.--> aprx 20 feet of 4 inch, LP cast iron (1914) in River St./Webber Av int. at #21 River St.--> aprx 125 feet of 6 inch, LP cast iron (1915) and aprx 140 feet of 4 inch, LP cast iron (1914) in River St. from exst. 6 inch, LP coated steel (1981 - MBEV0022) at #33 River St. to the River St./Webber Av int. at #17 River St. And the relay of: --> aprx 515 feet of 4 inch, LP cast iron (1910/14) and 15 feet of 4 inch, LP plastic (2002) - with aprx 530 feet of 4 inch, 60 psig plastic in River St. from #17 River St. to River St./School St. int.--> aprx 255 feet of 4 inch, LP cast iron (1909) and 50 feet of 6 inch, LP plastic (2022) and 30 feet of 4 inch, LP plastic (2020/2022) - with aprx 365 feet of 4 inch, 60 psig plastic in School St. from exst. 12 inch, 60 psig coated steel (1997) in School St./Wellman St. int. to School St./River St. int.--> aprx 105 feet of 2 inch, LP bare steel (1913) - with aprx 105 feet of 4 inch, 60 psig plastic in Ellingwood Ct. from School St./Ellingwood Ct. int. to #22 Ellingwood Ct.	NG-GPP-4 line 2
13505845	Beverly	4-24 MYRTLE ST, BEV	As part of the _ Program, LPP Integrity Management recommends the relay of: --> aprx 285 feet of 2 inch, LP bare steel (1916) and 230 feet of 4 inch, LP cast iron (1906) and 50 feet of 2 inch, LP coated steel (1916) (NBEV0000) and 20 feet of 2/4 inch, LP plastic (2014/2020) - with aprx 585 feet of 6 inch, LP plastic in Myrtle St. from exst. 6 inch, LP plastic (2014) at the Myrtle St. / Rantoul St. int. to the exst. 6 inch, LP plastic (2020) at #4 Myrtle St.	NG-GPP-4 line 1
753586	Boston	5-63 YAWKEY WY, BOS	Field Ops Request - As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 740 feet of 8 inch, LP cast iron (1927) with aprx 400 feet of 12 inch, LP coated steel in Yawkey Wy, from Brookline Av to #57 Yawkey Wy, & aprx 340 feet of 12 inch, LP plastic from #57 Yawkey Wy to Boylston St	NG-GPP-4 line 24
989329	Boston	106-242 CAMBRIDGE ST, BOS, & 1-30 GARDEN ST	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: --> aprx 1045 feet of 12 inch, LP cast iron (1925), aprx 25 feet of 12 inch, LP plastic (2016/2022), and aprx 10 feet of 12 inch, LP coated steel (1984) ? MBOS0005 with aprx 1080 feet of 12 inch, LP coated steel in Cambridge St from the existing 12 inch, LP coated steel (1987) - UBOS0075 in the intersection of Garden St to the existing 12 inch, LP coated steel (1967) - DBOS0041 in the intersection of Bowdoin St, --> aprx 30 feet of 6 inch, LP cast iron (1894) with aprx 30 feet of 8 inch, LP plastic in the intersection of Hancock St and Cambridge St, --> aprx 20 feet of 6 inch, LP coated steel (1952) - GOPB506 with aprx 20 feet of 8 inch, LP plastic in the intersection of S Russell St and Cambridge St, and --> aprx 10 feet of 6 inch, LP coated steel (1987) ? UBOS0075 with aprx 10 feet of 8 inch, LP plastic in the intersection of Garden St and Cambridge St.	NG-GPP-10 line 69
1066040	Boston	261-327 CAMBRIDGE ST, BOS, 4-36 N GROVE ST & PARKM	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: --> aprx 600 feet of 12 inch, LP cast iron (1925), aprx 25 feet of 12 inch, LP coated steel (1969) - GOPB506 and aprx 10 feet of 6 inch, LP plastic (2018) with aprx 635 feet of 12 inch, LP plastic in Cambridge St from N Anderson St to the exst 12 inch, LP coated steel (2003) - MBOS0282 at Charles St, --> aprx 50 feet of 12 inch, LP cast iron (1931) with aprx 50 feet of 12 inch, LP plastic in the intersection of Cambridge St and W Cedar St, --> aprx 35 feet of 6 inch, LP plastic (2018), aprx 385 feet of 6 inch, LP cast iron (1911) and aprx 10 feet of 6 inch, LP plastic (1989) with aprx 430 feet of 8 inch, LP plastic in N Grove St from Cambridge St to the exst 6 inch, LP coated steel (1970) - MBOS0094 at Fruit St, --> aprx 370 feet of 4 inch, LP cast iron (1895), aprx 5 feet of 6 inch, LP plastic (1989), aprx 10 feet of 4 inch, LP coated steel (1968) - GOPB506 , aprx 10 feet of 4 inch, LP coated steel (1971) - UBOS0564 and aprx 10 feet of 4 inch, LP bare steel (1938) with aprx 405 feet of 6 inch, LP steel in Parkman St from N Grove St to the exst 4 inch, LP steel - MBOS0029 in Blossom St, and --> aprx 100 feet of 6 inch, LP coated steel (1952) - DBOS0059 with aprx 100 feet of 6 inch, LP steel in N Anderson St from Parkman St to the entrance of Mass General Hospital.	NG-GPP-4 line 20
1215307	Boston	266-376 COMMERCIAL ST, BOS	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 685 feet of 6 inch, LP cast iron (1880) and aprx 40 feet of 6 inch, LP plastic (2006) with aprx 725 feet of 8 inch, LP plastic in Commercial St from the exst 6 inch, LP coated steel (1988) - MBOS0131 at Battery St to the exst 6 inch, LP plastic (2016) at Eastern Av, --> aprx 15 feet of 6 inch, LP cast iron (1921) and aprx 55 feet of 6 inch, LP bare steel (1936) with aprx 70 feet of 6 inch, LP plastic in North St from Commercial St to the exst 6 inch, LP plastic at #382 North St. --> aprx 185 feet of 10 inch, LP cast iron (1880), aprx 365 feet of 8 inch, LP cast iron (1880), aprx 20 feet of 10 inch, LP coated steel (1968) - UBOS0256 and aprx 210 feet of 10 inch, LP cast iron (1880) with aprx 780 feet of 12 inch, LP plastic in Commercial St from the exst 12 inch, LP plastic (2014) at Battery St to the exst 8 inch, LP coated steel (1975) - MBOS0028 at #266 Commercial St.	NG-GPP-4 line 21

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1227259	Boston	1-47 CHATHAM ST, BOS, MERCHANTS & BUTLER ROW	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 515 feet of 6 inch, LP cast iron (1903) with aprx 515 feet of 8 inch, LP plastic in Chatham St from the exst 6 inch, LP steel (1985) - MBOS0027 at Commercial St to Merchants Row, --> aprx 115 feet of 1.5 inch, LP bare steel (1902) and aprx 75 feet of 1.5 inch, LP wrought iron (1905) with aprx 190 feet of 4 inch, LP plastic in Butler Row from Chatham St to the end of main at the rear of #100 State St, --> aprx 155 feet of 6 inch, LP cast iron (1874) with aprx 155 feet of 8 inch, LP plastic in Merchants Row from State St to Chatham St, --> aprx 145 feet of 6 inch, LP plastic (1988) with aprx 145 feet of 6 inch, LP plastic off Merchants Row to the exst 6 inch, LP coated steel (1988) - UBOS0129 in S Market St, and --> aprx 125 feet of 6 inch, LP cast iron (1902) with aprx 125 feet of 6 inch, LP plastic in Chatham Row from State St to Chatham St.	NG-GPP-4 line 19
1426012	Boston	170-182 TREMONT ST, BOS	Relay approx. 450 feet of 10 inch, LP cast iron (1883), aprx 8 feet of 10 inch, LP coated steel (1987) - MBOS0168, aprx 7 feet of 10 inch, LP coated steel (1986) - UBOS0382, aprx 10 feet of 10 inch, LP coated steel (1960/1970) - GOPB506 and aprx 5 feet of 10 inch, LP coated steel (1999) - MBOS0253 with aprx 480 feet of 8 inch, LP steel in Tremont St from the exst 8 inch, LP coated steel (1999) - MBOS0253 at Boylston St to the exst 6 inch, LP coated steel (1987) - MBOS0168 at #171-172 Tremont St.	NG-GPP-10 line 74
1426402	Boston	50-134 CAMDEN ST, BOS, & NORTHFIELD ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 910 feet of 12 inch, LP cast iron (1864), aprx 20 feet of 12 inch, LP coated steel (1954) - GOPB506 and aprx 20 feet of 12 inch, LP coated steel (1973) - UBOS0500 with aprx 950 feet of 12 inch, LP plastic in Camden St from Shawmut Av to Tremont St, --> aprx 40 feet of 4 inch, LP coated steel (1969) - GOPB506 and aprx 120 feet of 4 inch, LP cast iron (1893) with aprx 160 feet of 6 inch, LP plastic in Northfield St from Camden St to the end of main at Brannon Harris Wy, and --> aprx 240 feet of 6 inch, LP cast iron (1885), aprx 60 feet of 6 inch, LP bare steel (1940) and aprx 25 feet of 6 and 8 inch, LP plastic with aprx 325 feet of 12 inch, LP plastic in Tremont St from the exst 6 inch, LP plastic at Northampton St to the exst 12 inch, LP plastic at Camden St.	NG-GPP-4 line 22
1474384	Boston	1-19 ARLINGTON ST, BOS	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1235 feet of 8 inch, LP cast iron (1894), aprx 25 feet of 8 inch, LP plastic (2005), aprx 10 feet of 10 inch, LP coated steel (1986) - UBOS0387, aprx 5 feet of 10 inch, LP coated steel (1980) - UBOS0388, aprx 5 feet of 10 inch, LP coated steel (1980) - UBOS0428, aprx 10 feet of 10 inch, LP coated steel (1973) - UBOS0230 and aprx 1245 feet of 10 inch, LP cast iron (1883) with aprx 1275 feet of 12 inch, LP plastic in Arlington St from Beacon St (see PWNONREIM wo#1401785) to the exst 8 inch, LP coated steel (2007) - MBO0290 at Boylston St, (steam in Boylston St thru intersection of Arlington St) --> aprx 30 feet of 6 inch, LP cast iron (1893) with aprx 30 feet of 8 inch, LP plastic in the intersection of Marlborough St and Arlington St, --> aprx 30 feet of 8 inch, LP cast iron (1893) with aprx 30 feet of 8 inch, LP plastic in the intersection of Commonwealth Av (north/odd) and Arlington St, --> aprx 30 feet of 6 inch, LP cast iron (1893) with aprx 30 feet of 8 inch, LP plastic in the intersection of Commonwealth Av (south/even) and Arlington St, and --> aprx 30 feet of 12 inch, LP cast iron (1893) with aprx 30 feet of 12 inch, LP steel in the intersection of Newbury St and Arlington St. (steam in Newbury St to intersection of Arlington St)	NG-GPP-4 line 18
15430289	Boston	52-226 BAY STATE RD, BOS, & SILBER WAY	As part of the CIRE101214 Program, LPP Integrity Management recommends the CISBOT seal of: --> aprx 830 feet of 12 inch, LP cast iron (1893) in Bay State Rd from the existing 12 inch, LP coated steel (2002) - MBOS0270 in Grandy St to Sherborn St. Duplicated from Maximo- NE wo# 1560455 for CY26 GSEP Proactive work plan.	NG-GPP-4 line 23
1460627	Braintree	4-72 ANDERSEN RD, BRA	As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of: --> aprx 850 feet of 2 inch, 60 psig coated steel (1958) (DBRA0017), aprx 20 feet of 2 inch, 60 psig Aldyl-A plastic (1973), & aprx 20 feet of 2 inch, 60 psig plastic (2018), with aprx 890 feet of 2 inch, 60 psig plastic in Andersen Rd, from the 6 inch, 60 psig coated steel (1964) in Granite St, to the end of main at #72 Andersen Rd --> aprx 50 feet of 2 inch, 60 psig coated steel (1958) (DBRA0017), with aprx 50 feet of 2 inch, 60 psig plastic in the driveway of #57 Andersen Rd	NG-GPP-4 line 41
1553138	Braintree	12-26 RANDALL AV, BRA	Relay aprx 345 feet of 2 inch, 60 psig coated steel (1956/1957 - DBRA0125) with aprx 345 feet of 2 inch, 60 psig plastic in Randall Av from the existing 2 inch, 60 psig plastic (1995) in Pearl St to the two ends of main at #12 Randall Av and #26 Randall Av.	NG-GPP-10 line 158
1556231	Braintree	11-14 STERLING PK, BRA	Relay aprx 215 feet of 2 inch, 60 psig bare steel (1928) with aprx 215 feet of 2 inch, 60 psig plastic in Sterling Pk from the existing 2 inch, 60 psig coated steel (1959) in Sterling St to the existing 2 inch, 60 psig plastic (1988) at #14 Sterling Pk.	NG-GPP-10 line 157

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
743111	Brighton	1-94 HARVARD AV, BRI	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 850 feet of 6 inch LP cast iron (1894) and aprx 35 feet of 6 inch, LP plastic with aprx 885 feet of 6 inch, LP plastic in Harvard Av from Cambridge St to Brighton Av, --> aprx 35 feet of 6 inch, LP cast iron (1930) with aprx 35 feet of 6 inch, LP plastic in the intersection of Farrington Av and Harvard Av, --> aprx 15 feet of 4 inch LP cast iron (1912) with aprx 15 feet of 6 inch, LP plastic in the intersection of Harvard Ter and Harvard Av, and --> aprx 35 feet of 6 inch, LP cast iron (1930) with aprx 35 feet of 6 inch, LP plastic in the intersection of Gardner St and Harvard Av.	NG-GPP-4 line 34
1385600	Brighton	102-125 MURDOCK ST, BRI	Field Ops Request - As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 335 feet of 4 inch, LP cast iron (1894/1921) and aprx 15 feet of 4 inch, LP plastic (2005/2020) with aprx 350 feet of 6 inch, LP plastic in Murdock St from the existing 6 inch, LP plastic (2020) at #125 Murdock St to the existing 6 inch, LP plastic (2005) at Gardena St, --> aprx 50 feet of 12 inch, LP cast iron (1915) with aprx 50 feet of 6 inch, LP plastic in the intersection of Murdock St and Saybrook St, and --> aprx 50 feet of 4 inch, LP cast iron (1895/1921) with aprx 50 feet of 6 inch, LP plastic in the intersection of Murdock St and Cushman Rd.	NG-GPP-4 line 33
9561420	Brookfield	1-10 MILL ST, BRK	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 340 feet of 4 inch, 58 psig plastic (1980/1981) and 665 feet of 4 inch, 58 psig bare steel (1960) with aprx 1005 feet of 4 inch, 58 psig plastic in Mill St from the existing 4 inch, 58 psig plastic (2001) at #1 Mill St to the existing 4 inch, 58 psig plastic (1989) at #10 Mill St.	NG-GPP-10 line 466
1506346	Brookline	16-77 WARREN ST, BRO, & 353-423 WALNUT ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 250 feet of 6 inch, LP bare steel (1944) and aprx 1020 feet of 8 inch, LP cast iron (1928/1929/1930) with aprx 1270 feet of 8 inch, LP plastic in Warren St from Boylston St to the exst 8 inch, LP coated steel (1989) - UBRO0003 at Dudley St, --> aprx 25 feet of 6 inch, LP cast iron (1906) with aprx 25 feet of 8 inch, LP plastic in the intersection of Boylston St and Warren St, --> aprx 85 feet of 6 inch, LP cast iron (1928) and aprx 625 feet of 4 inch, LP cast iron (1896) with aprx 710 feet of 12 inch, LP plastic in Walnut St from Warren St to the exst 12 inch, LP coated steel (1953) - DBRO0002 at Codman Rd, and --> aprx 25 feet of 6 inch, LP cast iron (1929) with aprx 25 feet of 6 inch, LP plastic in the intersection of Codman Rd and Walnut St.	NG-GPP-4 line 35
9630004	Charlestown	2-81 POLK ST, CHA	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 635 feet of 6 inch, LP bare steel (1940) with aprx 635 feet of 6 inch, LP plastic in Polk St from exst 6 inch, LP plastic (1997) at Bunker Hill St to exst 12 inch, LP cast iron (1906) in Medford St. --> aprx 5 feet of 1.25 inch, LP wrought iron (1923) and aprx 15 feet of 1.5 inch, LP bare steel (1923) with aprx 20 feet of 6 inch, LP plastic between #16 and #20 Polk St from Polk St to exst 1.25 inch, LP wrought iron (1923) at #16 Polk St.	NG-GPP-4 line 58
13298758	Charlestown	19-85 HIGH ST, CHA, GREEN ST	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 930 feet of 6 inch, LP coated steel (1967) - DCHA0112 with aprx 930 feet of 6 inch, LP plastic in High St from exst 6 inch, LP plastic (2024) (see wo#1545091) at Pleasant St to 6 inch, LP plastic (see wo#1583337) at School St. --> aprx 20 feet of 6 inch, LP coated steel (1970) - DCHA0112 with aprx 20 feet of 6 inch, LP plastic in Cordis St/High St intersection from High St to exst 6 inch, LP coated steel (1970) - DCHA0112 in Cordis St --> aprx 395 feet of 6 inch, LP cast iron (1902) with aprx 395 feet of 6 inch, LP plastic in Green St from High St to exst 6 inch, LP coated steel (1979) - MCHA0049 at Main St. --> aprx 20 feet of 4 inch, LP coated steel (1969) - DCHA0112 with aprx 20 feet of 6 inch, LP plastic in Wood St/High St intersection from High St to exst 4 inch, LP coated steel (1969) - DCHA0112 in Wood St --> aprx 15 feet of 4 inch, LP coated steel (1967) - DCHA0112 and aprx 10 feet of 4 inch, LP plastic (2017) with aprx 25 feet of 6 inch, LP plastic in High St/Cedar St intersection from High St to exst 6 inch, LP plastic (2017) in Cedar St. --> aprx 30 feet of 6 inch, LP coated steel (1967) with aprx 30 feet of 6 inch, LP plastic in High St/Cross St intersection from High St to exst 6 inch, LP coated steel (1967) - DCHA0112 in Cross St. --> aprx 45 feet of 3 inch, LP coated steel (1967) - DCHA0112 with aprx 45 feet of 6 inch, LP plastic in High St/Green St intersection from High St to exst 4 inch, LP coated steel (1967) - DCHA0112 in Green St. --> aprx 40 feet of 6 inch, LP coated steel (1965) - DCHA0112 with aprx 40 feet of 6 inch, LP plastic in High St/Elm St intersection from High St to exst 6 inch, LP coated steel (1965) - DCHA0112 in Elm St.	NG-GPP-4 line 57

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
15014434	Chelsea	170-220 REVERE BEACH PKWY, CHE, 331-350 WASHINGTON,	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 740 feet of 6 inch, LP cast iron (1912) and aprx 55 feet of 4 inch, LP bare steel (1912) with aprx 795 feet of 6 inch, LP plastic in Revere Beach Pkwy from Washington Av to exst 6 inch, LP plastic (1999) at Murray St. --> aprx 300 feet of 6 inch, LP cast iron (1901) and aprx 10 feet of 6 inch, LP plastic (2011) with aprx 310 feet of 8 inch, LP plastic in Washington Av from exst 8 inch, LP plastic (2011) at #331 Washington Av to exst 6 inch, LP plastic (1996) at #350 Washington Av. --> aprx 475 feet of 6 inch, LP cast iron (1901) with aprx 475 feet of 6 inch, LP plastic in Union St from exst 6 inch, LP plastic (2000) at Revere Beach Pkwy to Washington Av.	NG-GPP-4 line 59
9502720	Concord	11 -242 ELSINORE ST, CON	As part of the BSMNRPL program, LPP Intevity Management recommends the relay of: --> aprx 1215 feet of 2 inch, 60 psig coated steel (1968 - DCON0151), aprx 15 feet of 2 inch, 60 psig plastic (2015/2016), aprx 420 feet of 4 inch, 60 psig plastic (1995), and aprx 750 feet of 2 inch, 60 psig coated steel (1930 - NCON0000) with aprx 2400 feet of 2 inch, 60 psig plastic in Elsinore St from exst 2 inch, 60 psig plastic (2015) at #235 Elsinore St to Grant St,	NG-GPP-4 line 117
1238267	Danvers	166-200 MAPLE ST, DAN, & 2-7 POPULAR ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1175 feet of 6 inch, LP cast iron (1913) with aprx 1175 feet of 8 inch, LP plastic in Maple St from the proposed 8 inch, LP plastic (wo# 1460728 - INPRG) at #166 Maple St to the existing 6 inch, LP plastic (1992) at #197 Maple St, --> aprx 380 feet of 4 inch, LP cast iron (1907) with aprx 380 feet of 8 inch, LP plastic in Popular St from Maple St to Winthrop St, and --> aprx 140 feet of 4 inch, LP cast iron (1912) with aprx 140 feet of 4 inch, LP plastic onsite of #187-189 Maple St from Maple St to the end of main.	NG-GPP-4 line 3
769356	Dorchester	2-73 CLARKSON ST, DOR, & 457-491 QUINCY ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 305 feet of 3 inch, LP cast iron (1885), aprx 20 feet of 4 inch, LP plastic (2005) and aprx 595 feet of 4 inch, LP cast iron (1885) with aprx 920 feet of 6 inch, LP plastic in Clarkson St from Hendry St to the exst 6 inch, LP plastic at #70-72 Clarkson St, --> aprx 125 feet of 4 inch, LP cast iron (1913) with aprx 125 feet of 4 inch, LP plastic in Hendry St from Clarkson St to the end of main at #37 Hendry St, --> aprx 525 feet of 12 inch, LP cast iron (1900) with aprx 525 feet of 12 inch, LP plastic in Quincy St from Clarkson St to the exst 12 inch, LP plastic at Bowdoin St, --> aprx 490 feet of 4 inch, LP cast iron (1900/1901/1932), aprx 15 feet of 4 inch, LP plastic (2003) aprx 10 feet of 4 inch, LP coated steel (1964) - GOPB506 and aprx 10 feet of 4 inch, LP plastic (2006) with aprx 525 feet of 6 inch, LP plastic in Coleman St from Hendry St to the exst 6 inch, LP plastic at #38 Coleman St, --> aprx 180 feet of 4 inch, LP cast iron (1902) with aprx 180 feet of 6 inch, LP plastic in Trent St from Coleman St to the end of main at #6 Trent St, and --> aprx 40 feet of 4 inch, LP plastic (2003) and aprx 90 feet of 4 inch, LP cast iron (1900) with aprx 130 feet of 4 inch, LP plastic in Hendry St from the exst 4 inch, LP plastic at Coleman St to the end of main at #368 Bowdoin St.	NG-GPP-10 line 96
1249204	Dorchester	4-108 COLUMBIA RD, DOR, SEAVER ST & SUPPLE RD	As part of the CIMNRPL<10 Program, LPP Integrity Management ecommends the replacement of: --> aprx 1440 feet of 6 inch, LP cast iron (1898) and aprx 25 feet of 6 inch, LP plastic with aprx 1465 feet of 12 inch, LP plastic in Columbia Rd from Blue Hill Ave to Washington St, --> aprx 730 feet of 6 inch, LP cast iron (1900/1904/1906) with aprx 730 feet of 6 inch, LP plastic in Seaver St from Blue Hill Ave to the exst 6 inch, LP plastic in Columbia Rd, and --> aprx 545 feet of 6 inch, LP cast iron (1898/1926) with aprx 545 feet of 6 inch, LP plastic in Supple Rd from Columbia Rd to Normandy St.	NG-GPP-4 line 27
1423996	Dorchester	521-605 WASHINGTON ST, DOR	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: --> aprx 1055 feet of 12 inch, LP cast iron (1901) and aprx 870 feet of parallel 4 inch, LP cast iron (1894) with aprx 1055 feet of 12 inch, LP plastic in Washington St from Melville Av to Talbot Ave, --> aprx 50 feet of 4 inch, LP cast iron (1895/1901) with aprx 50 feet of 6 inch, LP plastic in the intersection of Rosedale St and Washington St, --> aprx 50 feet of 4 inch, LP cast iron (1891) with aprx 50 feet of 8 inch, LP plastic in the intersection of Lyndhurst St and Washington St, --> aprx 50 feet of 4 inch, LP cast iron (1892) with aprx 50 feet of 6 inch, LP plastic in the intersection of Aspinwall Rd and Washington St, --> aprx 35 feet of 4 inch, LP cast iron (1895) with aprx 35 feet of 6 inch, LP plastic in the intersection of Kenwood St and Washington St, and --> aprx 50 feet of 4 inch, LP cast iron (1896) with aprx 50 feet of 6 inch, LP plastic in the intersection of Southern Av and Washington St.	NG-GPP-4 line 28
1507113	Dorchester	12-74 EAST ST, DOR	Revised Scope: As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1065 feet of 12 inch, LP cast iron (1893) and aprx 10 feet of 12 inch, LP plastic (2021) with aprx 1075 feet of 12 inch, LP plastic in East St from Dorchester Av to Adams St, and --> aprx 25 feet of 3 inch, LP bare steel (1944) with aprx 25 feet of 4 inch, LP plastic in the intersection of Wilkinson Pk and East St.	NG-GPP-4 line 25

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1507225	Dorchester	75-111 HARVARD ST, DOR	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: --> aprx 570 feet of 12 inch, LP cast iron (1911/1927) with aprx 570 feet of 12 inch, LP plastic in Harvard St from Thane St to Norwell St, --> aprx 50 feet of 4 inch, LP cast iron (1907) with aprx 50 feet of 6 inch, LP plastic in the intersection of Waterlow St and Harvard St, --> aprx 305 feet of 4 inch, LP cast iron (1895) with aprx 305 feet of 6 inch, LP plastic in Spencer St from Harvard St to Athelwold St (see wo#1249247), --> aprx 295 feet of 4 inch, LP cast iron (1899) with aprx 295 feet of 6 inch, LP plastic in Millett St from Harvard St to Athelwold St (see wo#1249247), and --> aprx 195 feet of 4 inch, LP cast iron (1896) with aprx 195 feet of 6 inch, LP plastic in Radcliffe St from Harvard St to the exst 4 inch, LP plasticat #118 Radcliffe St.	NG-GPP-10 line 109
14918351	Dorchester	1-60 WINSTON RD, DOR	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 185 feet of 4 inch, LP cast iron (1902), aprx 665 feet of 4 inch, LP wrought iron (1916), and aprx 20 feet of 4 inch, LP plastic (2006) with aprx 870 feet of 6 inch, LP plastic in Winston Rd from the existing 8 inch, LP plastic (2020) at Willowood St to Lucenre St.	NG-GPP-4 line 26
1459980	East Boston	2-132 CHELSEA ST, EBO, 1-13 EMMONS, 1-4 ELBOW ST	As part of the CIRE101214 program, LPP Intergrity Management recommneds: --> the relay of aprx 895 feet of 12 inch, LP cast iron (1891) and aprx 20 feet of 12 inch, LP coated steel (1958) - NEBO0000 with aprx 915 feet of 12 inch, LP plastic in Chelsea St from exst 12 inch, LP cast iron (1949) at #52 Chelsea St to exst 12 inch, LP cast iron (1891) at #132 Chelsea St. --> the relay of aprx 50 feet of 12 inch, LP coated steel (1956) - NEBO0000 with aprx 50 feet of 12 inch, LP plastic in Porter St from exst 12 inch, LP coated steel (2004) - MEBO0051 in Porter St to Chelsea St. --> the relay of aprx 180 feet of 12 inch, LP coated steel (1958) - DEBO0029 with aprx 180 feet of 12 inch, LP plastic in Porter St from exst 8 inch, LP plastic at #119 Porter St to Chelsea St. --> the relay of aprx 20 feet of 3 inch, LP coated steel (1961) - DEBO0001 with aprx 20 feet of 6 inch, LP plastic in Chelsea St/Anthony J Grieco Ter from Chelsea St to exst 3 inch, LP coated steel (1961) - DEBO0001 in Anthony J Grieco Ter.	NG-GPP-10 line 251
1482052	East Boston	162-348 BREMEN ST, EBO, 119-155 PORTER ST	As part of the CIRE101214 program, LPP Integrity Management recommends the relay of: --> aprx 2520 feet of 12 inch, 22 psig cast iron (1913) with aprx 2520 feet of 12 inch, 22 psig plastic in Bremen St from Gove St to exst 12 inch, 22 psig coated steel (2020) - MEBO0058 at Prescott St. --> aprx 100 feet of 12 inch, 22 psig coated steel (1956) - NEBO0000, aprx 125 feet of 12 inch, 22 psig cast iron (1913), and aprx 55 feet of 12 inch, 22 psig bare steel (1948) with aprx 280 feet of 12 inch, 22 psig plastic in Porter St from exst 12 inch 22 psig coated steel (2004) - MEBO0051 (Inlet to Reg Station FD-102) at #119 Porter St to exst 12 inch, 22 psig coated steel (1980) - IEBO0042 at #155 Porter St.	NG-GPP-10 line 250
12300348	East Boston	33-96 WORDSWORTH ST, EBO	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 725 feet of 4 inch, LP cast iron (1910/1933) and aprx 15 feet of 4 inch, LP plastic (2005/2008) with aprx 740 feet of 6 inch, LP plastic in Wordsworth St from exst 6 inch, LP plastic (2008) at #33 Wordsworth St to exst 8 inch, LP plastic (2019) at Saratoga St.	NG-GPP-4 line 61
12618193	East Boston	150-170 COTTAGE ST, EBO, 115-168 GOVE ST	As part of the BSMNRPL program, LPP Integrity Mangement recommends the relay of: --> aprx 215 feet of 6 inch, LP coated steel (1959) - DEBO0013 with aprx 215 feet of 6 inch, LP plastic in Cottage St from Gove St to exst 6 inch, LP plastic (2002). --> aprx 415 feet of 3 inch, LP plastic (1975), aprx 40 feet of 6 inch, LP coated steel (1975) - MEBO0012, and aprx 5 feet of 3 inch, 4 inch, and 6 inch, LP plastic (2012) with aprx 460 feet of 6 inch, LP plastic in Gove St from exst 8 inch, LP plastic (2012) at Frankfort St to exst 3 inch, LP plastic (1975) at #152 Gove St. --> aprx 15 feet of 4 inch, LP plastic (1975) with aprx 15 feet of 6 inch, LP plastic in Lubec St/Gove St intersection from Gove St to exst 4 inch, LP plastic (1986) in Lubec St.	NG-GPP-4 line 60
15108490	Everett	7-80 FOSTER ST, EVE, 10-40 PLEASANT VIEW AV	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 545 feet of 4 inch, LP cast iron (1910/1911), aprx 445 feet of 6 inch, LP cast iron (1911), and aprx 20 feet of 4 inch, LP plastic (2014/2015) with aprx 1010 feet of 6 inch, LP plastic in Foster St from exst 4 inch, LP plastic (2003) at High St to exst 6 inch, LP plastic (2014) at Chestnut St. --> aprx 295 feet of 4 inch, LP cast iron (1910/1912), aprx 305 feet of 6 inch, LP cast iron (1910), and aprx 35 feet of 4 inch, LP plastic (2016) with aprx 635 feet of 6 inch, LP plastic in Pleasant View Av from exst 12 inch, LP plastic (2016) in Ferry St to Foster St. --> aprx 15 feet of 4 inch, LP plastic (2015) with aprx 15 feet of 6 inch, LP plastic in Arlington St/Foster St intersection from Foster St to exst 6 inch, LP plastic (2016) in Arlington St.	NG-GPP-4 line 62

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1195413	Haverhill	2-56 NORTH ST, HAV, & NORTH ST, FRANKLIN, JOHN	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 410 feet of 6 inch, 60 psig bare steel (1931) with aprx 410 feet of 8 inch, 60 psig plastic in Charles St from the exst 8 inch, 60 psig plastic at Lewis St to exst 8 inch, 60 psig plastic stub (installed under wo#1459729) in Primrose St,</p> <p>--> aprx 350 feet of 6 inch, 60 psig wrought iron (1920), aprx 415 feet of 6 inch, 60 psig bare steel (1931) and aprx 890 feet of parallel 6 inch, LP cast iron (1910) with aprx 765 feet of 8 inch, 60 psig plastic in Charles St from exst 8 inch, 60 psig plastic stub (installed under wo#1459729) in Primrose St to North St,</p> <p>--> aprx 540 feet of 4 inch, LP cast iron (1910) with aprx 540 feet of 2 inch, 60 psig plastic in New St from Charles St to John St,</p> <p>--> aprx 330 feet of 2 inch, LP wrought iron (1913) with aprx 330 feet of 2 inch, 60 psig plastic in Rose St from New St to Primrose St,</p> <p>--> aprx 150 feet of 2 inch, LP wrought iron (1921) with aprx 150 feet of 2 inch, 60 psig plastic in Rose Av from Rose St to the end of main at #3 Rose Av,</p> <p>--> aprx 790 feet of 3 inch, LP cast iron (1910) with aprx 790 feet of 2 inch, 60 psig plastic in John St from North St to Primrose St,</p> <p>--> aprx 1190 feet of 4 inch, LP cast iron (1911) and aprx 40 feet of 4 inch, LP plastic (2019) with aprx 1230 feet of 2 inch, 60 psig plastic in Franklin St from Fifth Av to Charles St,</p> <p>--> aprx 175 feet of 6 inch, 60 psig bare steel (1913), aprx 680 feet of 6 inch, 60 psig wrought iron (1920) and aprx 1015 feet of parallel 4 inch, LP cast iron (1911) with aprx 850 feet of 8 inch, 60 psig plastic main between 2-48 North St and aprx 165 feet of 2 inch, 60 psig plastic main between 48-56 North St,</p> <p>--> aprx 415 feet of 6 inch, 60 psig bare steel (1913) and aprx 105 feet of parallel 1 inch, LP wrought iron (1912) with aprx 415 feet of 8 inch, 60 psig plastic in Fourth Av from North St to Cedar St.</p>	NG-GPP-4 line 54
1423168	Haverhill	308-480 HILDALE AV, HAV, ALBERT ST, JEFFREY LN	<p>As part of the CIRE101214 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 2780 feet of 10 inch, LP cast iron (1910) with aprx 2820 feet of 6 inch, 30 psig HD plastic in Hilldale Av from exst 6 inch, 30 psig coated steel (1970 - IHAV0204) in Hilldale Av/Monument St intersection to exst 6 inch, 30 psig plastic in Hilldale Av/Jeffrey Ln intersection installed under WO#1465639 (tie into 30 psig stubs in Dartmouth St & St Botolph St installed under WO#1465653 and 30 psig stub in Acorn St installed under WO#1465663),</p> <p>--> aprx 125 feet of 2 inch, LP wrought iron (1944) with aprx 125 feet of 2 inch, 30 psig HD plastic in Hanover St from Hilldale Av to end of main at #3 Hanover St,</p> <p>--> aprx 200 feet of 2 inch, LP plastic (1985) with aprx 200 feet of 2 inch, 30 psig HD plastic in Orange St from Hilldale Av to end of main at #16 Orange St,</p> <p>--> aprx 270 feet of 4 inch, LP cast iron (1913) and aprx 240 feet of 4 inch, LP plastic (1986) with aprx 510 feet of 2 inch, 30 psig HD plastic in Albert St from Hilldale Av to end of main at #8 Albert St,</p> <p>--> aprx 180 feet of 4 inch, LP cast iron (1916) with aprx 180 feet of 2 inch, 30 psig HD plastic in Marlon St from Hilldale Av to end of main at #4 Marlon St, and</p> <p>--> aprx 770 feet of 4 inch, LP plastic (1986) with aprx 770 feet of 2 inch, 30 psig HD plastic in Jeffrey Ln from Hilldale Av to end of main at #30 Jeffrey Ln</p>	NG-GPP-4 line 55
1232844	amaica Plai	6-100 WYMAN ST, JPL, & 80-114 CHESTNUT AV	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1400 feet of 6 inch, LP cast iron (1920) and aprx 85 feet of 6 inch, LP plastic (2003/2007) with aprx 1485 feet of 8 inch, LP plastic in Wyman St from the exst 6 inch, LP plastic in Centre St to the exst 8 inch, LP coated steel (1982) - MJPL0038 at Lamartine St,</p> <p>--> aprx 505 feet of 6 inch, LP cast iron (1894) with aprx 505 feet of 8 inch, LP plastic in Chestnut Av from the exst 6 inch, LP coated steel (1982) - MJPL0037 at Mozart St to the exst 6 inch, LP plastic at #114 Chestnut Av, and</p> <p>--> aprx 20 feet of 6 inch, LP cast iron (1927) with aprx 20 feet of 6 inch, LP plastic in the intersection of Wyman St and Danforth St.</p>	NG-GPP-4 line 37
9676596	amaica Plai	10-36 OPHIR ST, JPL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 555 feet of 4 inch, LP cast iron (1905), aprx 10 feet of 4 inch, LP coated steel (1960) - GOPB506, aprx 45 feet of 4 inch, LP plastic (1994), and aprx 10 feet of 3 inch, LP plastic (1994), with aprx 620 feet of 6 inch, LP plastic in Ophir St, from the existing 12 inch, LP plastic (1994) in Washington St, to the existing 6 inch, LP plastic (1994) in Brookside Av</p>	NG-GPP-4 line 36
14956284	Leominster	2-74 BLOSSOM ST, LEO, & 163-190 WALNUT ST, 202-206 MERRIAM AV	<p>As part of the CIMNRPL<10 program, LPP Interity Management recommends the relay of:</p> <p>--> aprx 470 feet of 3 inch, LP cast iron (1902), aprx 775 feet of 4 inch, LP cast iron (1902), aprx 1125 feet of 6 inch, LP cast iron (1902), aprx 20 feet of 6 inch, LP coated steel (1976 -ULEO0004), and aprx 15 feet of 4 inch, LP plastic (2010) with aprx 1245 feet of 8 inch, LP plastic in Blossom St from the existing 4 inch, cast iron (1907) in West St to the existing 4 inch, LP plastic (2000) at the Blossom St / George St intersection,</p> <p>--> aprx 200 feet of 4 inch, LP cast iron (1911) and aprx 35 feet of 4 inch, LP plastic (2010) with aprx 235 feet of 6 inch, LP plastic in Merriam Av from Blossom St to the existing 6 inch, LP plastic (2010) in Vine St,</p> <p>--> aprx 50 feet of 4 inch, LP cast iron (1911) with aprx 50 feet of 6 inch, LP plastic in the west side of the Merriam Av / Blossom St intersection, and</p> <p>--> aprx 405 feet of 4 inch, LP cast iron (1915), aprx 415 feet of 10 inch, LP cast iron (1922) and aprx 15 feet of 10 and 12 inch, LP coated steel (2019 - XLEO0000) with aprx 420 feet of 12 inch, LP plastic in Walnut St from Blossom St to the existing 12 inch, LP plastic (2019) at #163 Walnut St.</p>	NG-GPP-10 line 238

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1598169	Lowell	24-360 GORHAM ST, LOW	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1575 feet of 6 inch, LP cast iron (1899/1901) and aprx 135 feet of 6 inch, LP plastic (1996/1999/2007) with aprx 1710 feet of 6 inch, LP plastic in Gorham St from Middlesex St to Elm St, --> aprx 65 feet of 8 inch, LP cast iron (1904) with aprx 65 feet of 8 inch, LP plastic in Charles St from Gorham St to the existing 8 inch, LP plastic (2010) at # 15 Charles St.	NG-GPP-5 line 3
1263572	Lynn	8-63 LINWOOD RD, LNN, MOULTON, AMORY,SALEM ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 30 feet of 3 inch, LP cast iron (1893) with aprx 45 feet of 4 inch, 60 psig plastic in Grove St from the existing 4 inch, 60 psig plastic (2013) at #127 Grove St to Linwood Rd --> aprx 1100 feet of 4 inch, LP cast iron (1904/1910/1939) with aprx 1100 feet of 4 inch, 60 psig plastic in Linwood Rd from New Park St to the end of main at # 63 Linwood Rd --> aprx 515 feet of 6 inch, LP bare steel with aprx 515 feet of 4 inch, 60 psig plastic in Moulton St from Linwood Rd to Walnut St --> aprx 360 feet of 4 inch, LP cast iron (1901) with aprx 370 feet of 2 inch, 60 psig plastic in Amory St from Moulton St to the existing 4 inch, 60 psig plastic (2013) in Grove St --> aprx 265 feet of 3 inch, LP bare steel (1964) and aprx 275 feet of 4 inch, LP plastic (1987/2005) with aprx 540 feet of 2 inch, 60 psig plastic in Gayron Way from Linwood Rd to the end of main at #38 Gayron Way.	NG-GPP-10 line 33
1488478	Lynn	82-112 DARTMOUTH ST, LNN	As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of: --> aprx 385 feet of 2 inch, 60 psig bare steel (1950) with aprx 385 feet of 2 inch, 60 psig plastic in Dartmouth St from the existing 2 inch, 60 psig plastic (2009) at #82 Dartmouth St to the existing 2 inch, 60 psig plastic (2017) at #118 Dartmouth St.	NG-GPP-4 line 11
1533494	Lynn	7-24 BROWNS AV, LNN	As part of the CIMNRPL Program, LPP Integrity Management recommends: --> the relay of aprx 285 feet of 2.5 inch, LP wrought iron (1905) and 45 feet of 4 inch, LP cast iron (1900) and 10 feet of 4 inch, LP Aldyl-A plastic (1984) - with aprx 350 feet of 6 inch, LP plastic in Browns Av from exst 12 inch, LP cast iron (1916) at the Browns Av / Boston St int to the end of main at #24 Browns Av	NG-GPP-10 line 24
1597813	Lynn	50-169 CENTRAL AV, LNN, & SUTTON ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 915 feet of 8 inch, LP cast iron (1900) and aprx 70 feet of 8 inch, LP bare steel (1939/1940) with aprx 985 feet of 8 inch, LP plastic in Central Av from Essex St to the existing 8 inch, LP plastic (1994) at Washington St, --> aprx 215 feet of 4 inch, LP cast iron (1896), aprx 30 feet of 4 inch, LP bare steel (1939), and aprx 20 feet of 4 inch, LP plastic (2021) with aprx 265 feet of 6 inch, LP plastic in Sutton St from Central Av to the existing 6 inch, LP plastic (2021) at Essex St, --> aprx 180 feet of 6 inch, LP cast iron (1908) and aprx 5 feet of 6 inch, LP plastic (1995) with aprx 185 feet of 8 inch, LP plastic in Liberty St from Central Av to the existing 8 inch, LP plastic (1995) at Washington St, --> aprx 95 feet of 6 inch, LP cast iron (1905) with aprx 95 feet of 6 inch, LP plastic in Andrew St from Central Av to the existing 6 inch, LP plastic (2015) at #13 Andrew St, and --> aprx 85 feet of 2 inch, LP bare steel (1956) and aprx 60 feet of 3 inch, LP bare steel (1956) with aprx 145 feet of 6 inch, LP plastic in Washington St from Central Av to the end of main at #376 Washington St.	NG-GPP-4 line 9
12157524	Lynn	425-443 UNION ST, LNN	As part of the CIRE101214 program, LPP Integrity Management recommends the relay of: --> aprx 565 feet of 12 inch, LP cast iron (1920), aprx 40 feet of 10 inch, LP cast iron (1922), aprx 15 feet of 12 inch, LP plastic (2015), and aprx 10 feet of 10 & 12 inch, LP coated steel (1989) - ULNN0036 with aprx 630 feet of 12 inch, LP plastic in Union St from exst 12 inch, LP cast iron (1920) at Exchange St to exst 12 inch, LP cast iron (1920) at Broad St. --> aprx 55 feet of 6 inch, LP cast iron (1922) with aprx 55 feet of 6 inch, LP plastic in Washington St/Union St intersection from exst 6 inch, LP plastic (1989) at #545 Washington St to exst 6 inch, LP plastic (2005) at #590 Washington St.	NG-GPP-4 line 8
12243536	Lynn	19-140 UNION ST, LNN, & 5-30 UNION CT	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 455 feet of 12 inch, LP cast iron (1923), 775 feet of 8 inch, LP cast iron (1903), and 15 feet of 8 inch, LP plastic (2004) - with aprx 1,245 feet of 12 inch, LP plastic in Union St. from exst (8 inch, LP plastic [2012]) at the Lincoln St./Union St. int. to the exst 12 inch cast iron (1923) at #174 Union St.--> aprx 20 feet of 4 inch, LP cast iron (1899) and aprx 10 feet of 4 inch, LP plastic (2016) - with aprx 30 feet of 6 inch, LP plastic in Smith St. from the Union St./Smith St. int. to the exst 6 inch, LP plastic (2016) at the Union St./Smith St. int. --> aprx 60 feet of 6 inch, LP cast iron (1902) - with aprx 60 feet of 8 inch, LP plastic in Union St./W Green St. int. from Union St. to exst 6 inch, LP plastic (2006) at #42 W Green St. --> aprx 485 feet of 4 inch, LP cast iron (1905) - with aprx 485 feet of 6 inch, LP plastic from Union St. to exst (4 inch, LP plastic [2003]) in Union Ct.--> aprx 30 feet of 6 inch, LP cast iron (1900) - with aprx 30 feet of 8 inch, LP plastic in Union St./Joyce St. int. from Union St. to #42 Joyce St. --> aprx 15 feet of 6 inch, LP cast iron (1898) - with aprx 15 feet of 6 inch, LP plastic in Union St./Green St. int. from Union St. to #4 Green St.--> aprx 20 feet of 4 inch, LP cast iron (1904) - with aprx 20 feet of 6 inch, LP plastic in Union St./Shorey St. int. from Union St. to #3 Shorey St.--> aprx 15 feet of 4 inch, LP cast iron (1902) - with aprx 15 feet of 6 inch, LP plastic in Union St./Pinkham St. int. from Union St. to #4 Pinkham St.	NG-GPP-4 line 5

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
12310670	Lynn	8-88 FLINT ST, LNN, & WYMAN ST, BOWLEY AV	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1880 feet of 6 inch LP cast iron (1905) - with aprx 1880 feet of 8 inch LP plastic in Wyman St. from exst 8 inch LP plastic (1999) at #202 Wyman St. to exst. 6 inch LP plastic (2000) in Boston St.</p> <p>--> aprx 1085 feet of 6 inch LP cast iron (1904) - with aprx 1085 feet of 8 inch LP plastic in Flint St. from exst 6 inch LP plastic (1999) at #88 Flint St. to exst. 6 inch LP plastic (2000) in Boston St.</p> <p>--> aprx 250 feet of 6 inch LP cast iron (1936) - with aprx 250 feet of 6 inch LP plastic in Bowley Av. from Wyman St./Bowley Av. int. to Flint St./Bowley Av. int.</p>	NG-GPP-4 line 12
12431791	Lynn	24-57 SADLER ST, LNN, & 65-105 PERKINS ST	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 580 feet of 4 inch, LP cast iron (1908) and aprx 25 feet of 4 inch, LP plastic (2011/2021) - with aprx 605 feet of 6 inch, LP plastic in Sadler St. from #37 Reservoir Rd. to #24 Sadler St.</p> <p>--> aprx 460 feet of 4 inch, LP cast iron (1908) - with aprx 460 feet of 6 inch, LP plastic in Perkins St. from Sadler St./Perkins St. int. to #93 Perkins St.</p> <p>--> aprx 95 feet of 4 inch, LP cast iron (1908) and aprx 25 feet of 4 inch, LP plastic (2008) - with aprx 120 feet of 6 inch, LP plastic in Perkins St. from #93 Perkins St. to exst 6 inch, LP plastic (2008) at #11 Preston St.</p>	NG-GPP-10 line 13
13200769	Lynn	132-182 MYRTLE ST, LNN, & 4-16 POPLAR ST	<p>As part of the CIMNRPL Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 825 feet of 6 inch, LP cast iron (1903) and aprx 160 feet of 4 inch, LP cast iron (1902) and aprx 90 feet of 4 inch, LP plastic (2010, wo#749680) - with aprx 1075 feet of 6 inch, LP plastic in Myrtle St. from exst. 4 inch, LP cast iron (1902) in Myrtle St./Holyoke St. int. to exst. 6 inch, LP cast iron (1901) at #312 Myrtle St.</p> <p>--> aprx 390 feet of 4 inch, LP bare steel (1938) - with aprx 390 feet of 6 inch, LP plastic in Poplar St. from Myrtle St. to Walnut St.</p>	NG-GPP-4 line 4
13202321	Lynn	255-354 BOSTON ST, LNN, & RHODES AV	<p>As part of the CIMNRPL Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1330 feet of 12 inch, LP cast iron (1916) and 65 feet of 16 inch, LP cast iron (1913) - with aprx 1395 feet of 8 inch, LP plastic in Boston St. from #258 Boston St. to #354 Boston St.</p> <p>--> aprx 35 feet of 4 inch, LP cast iron (1905) - with aprx 35 feet of 6 inch, LP plastic in Strawberry Av. from Boston St./Strawberry Av. int. to #282 Boston St.</p> <p>--> aprx 50 feet of 4 inch, LP cast iron (1896) - with aprx 50 feet of 6 inch, LP plastic in Waverly St. from Boston St./Waverly St. int. to #279 Boston St.</p> <p>--> aprx 325 feet of 4 inch, LP cast iron (1901) - with aprx 325 feet of 6 inch, LP plastic in Rhodes Av. from #21 Rhodes Av. to Rhodes Av./ Boston St. int.</p> <p>--> aprx 150 feet of 2.5 inch, LP bare steel (1910) - with aprx 150 feet of 6 inch, LP plastic in Dinneen Ter. from #12 Dinneen Ter. to Dinneen Ter./Boston St. int.</p> <p>--> aprx 35 feet of 6 inch, LP cast iron (1928) - with aprx 35 feet of 6 inch, LP plastic in Park St. from #110 Park St. to Park St./Boston St. int.</p> <p>--> aprx 50 feet of 4 inch, LP cast iron (1898) - with aprx 50 feet of 6 inch, LP plastic in New Park St. from #319 Boston St. to New Park St./Boston St. int.</p> <p>--> aprx 35 feet of 4 inch, LP cast iron (1907) - with aprx 35 feet of 6 inch, LP plastic in Barrett St. from #334 Boston St. to #Barrett St./Boston St. int.</p> <p>--> aprx 35 feet of 4 inch, LP cast iron (1920) - with aprx 35 feet of 6 inch, LP plastic in Barrett Ct. from #344 Boston St. to Barrett Ct./Boston St. int.</p>	NG-GPP-4 line 6
13396125	Lynn	4-19 AUBREY TER, LNN	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 235 feet of 2 inch, LP bare steel (1906) and aprx 20 feet of 2 inch, LP plastic (2020) with aprx 255 feet of 4 inch, LP plastic in Aubrey Ter from the existing 16 inch, LP cast iron (1901) in Lewis St to the end of main at #19 Aubrey Ter.</p>	NG-GPP-4 line 7
14805814	Lynn	7-79 HANOVER ST, LNN, & HANOVER CIR, CHASE ST	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends:</p> <p>--> the relay of aprx 1320 feet of 8 inch, 60 psig bare steel (1913) and 55 feet of 8 inch, 60 psig plastic (2016/2017/2019/2020) - with aprx 1380 feet of 8 inch, 60 psig plastic in Hanover St. from Hanover St. / Johnson St. int. at #79 Hanover St. to ext. 8 inch, 60 psig coated steel (1997 / MLNN0027) in Blossom St. / S Common St. int.</p> <p>--> the relay of aprx 440 feet of 4 inch, LP cast iron (1913) and 25 feet of 4 inch, LP plastic (2020) - with aprx 465 feet of 8 inch, 60 psig plastic in Chase St. from Hanover St. / Chase St. int. to Chase St. / Baker St. int. at #75 Baker St.</p> <p>--> the relay of aprx 210 feet of 2 inch, LP plastic (2017) - with aprx 210 feet of 8 inch, 60 psig plastic in Chase St. from in between #12 and #16 Chase St. to #14 Chase St.</p> <p>--> the relay of aprx 250 feet of 6 inch, LP cast iron (1926) - with aprx 250 feet of 8 inch, 60 psig plastic in Hanover Cir. from Hanover Cir. / Hanover St. int. at #30 Hanover St. to # 24 Hanover Cir.</p> <p>--> the abandonment of aprx 630 feet of 6 inch, LP cast iron (1902), 300 feet of 6 inch, LP cast iron (1903), 175 feet of 4 inch, LP cast iron (1906), and 5 feet of 6 inch, LP coated steel (1967) in Hanover St. from Hanover St. / Johnson St. int. at #79 Hanover St. to ext. 8 inch plastic at #63 Hanover St.</p>	NG-GPP-4 line 10

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1597628	Malden	9-94 RUSSELL ST, MAL	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 630 feet of 6 inch, LP cast iron (1910/1911/1926/1928), aprx 300 feet of 4 inch, LP cast iron (1922), and aprx 30 feet of 6 inch, LP plastic (2002/2011) with aprx 960 feet of 6 inch, LP plastic in Russell St from exst 6 inch, LP plastic (2016) at Hubbard St to 4 inch, LP cast iron (1922) at Pleasant St. --> aprx 155 feet of 4 inch, LP cast iron (1922) and aprx 10 feet of 4 inch, LP plastic (2003/2016) with aprx 165 feet of 6 inch, LP plastic in Russel St from exst 4 inch, LP cast iron (1922) at Charles St to exst 6 inch, LP plastic (2016) at Hubbard St. --> aprx 20 feet of 4 inch, LP cast iron (1912) with aprx 20 feet of 6 inch, LP plastic in Russell St/Sterling St intersection from Russell St to exst 4 inch, LP cast iron (1912) in Sterling St. --> aprx 15 feet of 4 inch, LP cast iron (1922) with aprx 15 feet of 6 inch, LP plastic in Russell St/Wentworth St intersection from Russell St to exst 6 inch, LP plastic (2024) in Wentworth St.	NG-GPP-4 line 69
9020128	Malden	15-43 STARBIRD ST, MAL, WOLCOTT ST & BALDWIN ST	As part of the CIMNRPL<10 Program, Main and Service Replacement recommends the relay of: --> aprx 345 feet of 4 inch, LP cast iron (1911) and aprx 10 feet of 4 inch, LP plastic (2000) with aprx 355 feet of 6 inch, LP plastic in Starbird St from the exst 6 inch, LP plastic at Mt Vernon St to the end of main at #43 Starbird St. --> aprx 240 feet of 4 inch, LP cast iron (1927), aprx 65 feet of 4 inch, LP coated steel (1700?), and aprx 20 feet of 4 inch, LP plastic (2014) with aprx 325 feet of 6 inch, LP plastic in Wolcott St from Starbird St to the exst 6 inch, LP plastic at #63-65 Wolcott St. --> aprx 330 feet of 4 inch, LP cast iron (1929) with aprx 330 feet of 6 inch, LP plastic in Baldwin St from the exst 4 inch, LP plastic at Mt Vernon St to Wolcott St.	NG-GPP-4 line 65
11711825	Malden	124-200 CENTRE ST, MAL	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 1385 feet of 12 inch, LP cast iron (1910) with aprx 1385 feet of 12 inch, LP plastic in Centre St from exst 12 inch, LP cast iron (1910) at Main St to end of main at #200 Centre St. --> the relay of aprx 45 feet of 8 inch, LP coated steel (1966) - DMAL0009 with aprx 45 feet of 12 inch, LP plastic in Canal St/Centre St intersection from Centre St to exst 8 inch, LP coated steel (1966) - DMAL0009 in Canal St. --> aprx 25 feet of 2 inch, LP bare steel (1920) with aprx 25 feet of 6 inch, LP plastic in Middlesex St/Centre St intersection from Centre St to exst 2 inch, LP bare steel (1920) in Middlesex St. --> the abandonment of aprx 10 feet of 6 inch, LP cast iron (1910) at Centre St/Jackson St intersection. Transfer any exst services to new, 12 inch, LP plastic in Centre St.	NG-GPP-4 line 64
14078832	Malden	8-80 HOLYOKE ST, MAL, PHILLIPS ST	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 905 feet of 4 inch, LP cast iron (1911/1922/1932), aprx 15 feet of 4 inch, LP plastic (2017), and aprx 15 feet of 6 inch, LP plastic (2017) with aprx 935 feet of 6 inch, LP plastic in Holyoke St from exst 4 inch, LP cast iron (1932) at Ferry St to exst 6 inch, LP plastic (2021) at Warren Av. --> aprx 330 feet of 4 inch, LP cast iron (1897), aprx 245 feet of 3 inch, LP cast iron (1897), aprx 10 feet of 4 inch, LP plastic (2004), and aprx 5 feet of 3 inch, LP plastic (2015) with aprx 590 feet of 6 inch, LP plastic in Phillips St from exst 16 inch, LP cast iron (1931) in Eastern Av to Holyoke St. --> aprx 5 feet of 4 inch, LP cast iron (1911) and aprx 5 feet of 4 inch, LP plastic (2013) with aprx 10 feet of 6 inch, LP plastic in Holyoke St/Stearns St intersection from Holyoke St to exst 6 inch, LP plastic (2013) in Stearns St.	NG-GPP-4 line 68
15015195	Malden	378-446 CHARLES ST, MAL, 89-133 WEST ST, WATTS ST	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 700 feet of 4 inch, LP cast iron (1911), aprx 330 feet of 6 inch, LP cast iron (1912), and aprx 10 feet of 6 inch, LP plastic (2012) with aprx 1040 feet of 8 inch, LP plastic in Charles St from exst 8 inch, LP plastic (2012) at West St to exst 4 inch, LP cast iron (1911) at Fellsway. --> aprx 305 feet of 6 inch, LP cast iron (1911) with aprx 305 feet of 6 inch, LP plastic in Townsend St from Charles St to Watts St. --> aprx 280 feet of 6 inch, LP cast iron (1950) with aprx 280 feet of 6 inch, LP plastic in Watts St from West St to exst 6 inch, LP cast iron (1910) at #20 Watts St. --> aprx 525 feet of 6 inch, LP cast iron (1909/1910/1924/1926) and aprx 20 feet of 6 inch, LP plastic (2012/2017) with aprx 545 feet of 8 inch, LP plastic in West St from exst 8 inch, LP plastic at Charles St to exst 8 inch, LP plastic at Adams St. --> aprx 40 feet of 6 inch, LP cast iron (1913) with aprx 40 feet of 6 inch, LP plastic in Welsh St/Charles St intersection from Charles St to exst 6 inch, LP cast iron (1913) in Welsh St. --> aprx 40 feet of 4 inch, LP cast iron (1911) with aprx 40 feet of 6 inch, LP plastic in Charles Pl/Charles St intersection from Charles St to exst 4 inch, LP cast iron (1911) in Charles Pl. --> aprx 40 feet of 4 inch, LP cast iron (1910) with aprx 40 feet of 6 inch, LP plastic in Gale St/Charles St intersection from Charles St to exst 6 inch, LP plastic (2022) in Gale St. --> aprx 40 feet of 6 inch, LP cast iron (1910) with aprx 40 feet of 6 inch, LP plastic in Presley St/Charles St intersection from Charles St to exst 6 inch, LP plastic (2022) in Presley St. --> aprx 40 feet of 6 inch, LP cast iron (1910) with aprx 40 feet of 8 inch, LP plastic in Whitman St/West St intersection from West St to exst 8 inch, LP plastic (2022) in Whitman St.	NG-GPP-4 line 66

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
15018577	Malden	12-100 BOWERS AV, MAL	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 370 feet of 4 inch, LP cast iron (1913), aprx 345 feet of 6 inch, LP cast iron (1909,1926,1929), and aprx 135 feet of 4 inch, LP bare steel (1964) with aprx 850 feet of 6 inch, LP plastic in Bowers Av from exst 2 inch, LP plastic (1992) at #12 Bowers Av to Rutland St. --> aprx 55 feet of 6 inch, LP cast iron (1909) with aprx 55 feet of 6 inch, LP plastic in Bowers Av/Rutland St intersection from Bowers Av to exst 6 inch, LP plastic (2017) in Rutland St.	NG-GPP-4 line 63
15173545	Malden	678-841 SALEM ST, MAL, 3-41 LAUREL ST, MAL	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 1365 feet of 6 inch, LP cast iron (1921) and aprx 10 feet of 6 inch, LP plastic (1999) with aprx 1375 feet of 8 inch, LP plastic in Salem St from exst 6 inch, LP cast iron (1921) at Maplewood St to exst 6 inch, LP plastic (2015) at Milton St. --> aprx 345 feet of 6 inch, LP cast iron (1921) and aprx 165 feet of 4 inch, LP cast iron (1921) with aprx 510 feet of 6 inch, LP plastic in Laurel St from exst 6 inch, LP plastic (2013) at #70 Laurel St to end of main at #3 Laurel St. --> aprx 15 feet of 4 inch, LP cast iron (1898) and aprx 20 feet of 4 inch, LP plastic (2014) with aprx 35 feet of 6 inch, LP plastic in Laurel St/Hartshorn St intersection from Laurel St to exst 6 inch, LP plastic (2014) in Hartshorn St. --> aprx 40 feet of 6 inch, LP cast iron (1921) with aprx 40 feet of 6 inch, LP plastic in Salem St/Myrtle St intersection from Salem St to exst 3 inch, LP cast iron (1914) in Myrtle St. --> aprx 40 feet of 6 inch, LP cast iron (1921) with aprx 40 feet of 6 inch, LP plastic in Salem St/Spruce St intersection from Salem St to exst 4 inch, LP cast iron (1932) in Spruce St. --> aprx 10 feet of 6 inch, LP cast iron (1921) with aprx 10 feet of 6 inch, LP plastic in Salem St/Stanton St intersection from Salem St to exst 6 inch, LP plastic (2022) in Stanton St. --> aprx 20 feet of 2 inch, LP bare steel (1957) with aprx 20 feet of 6 inch, LP plastic in between #820 and #828 Salem St from Salem St to exst 2 inch, LP bare steel (1957) at #820 Salem St.	NG-GPP-4 line 67
15260109	Malden	1236-1556 EASTERN AV, MAL	As part of the BSMNRPL program, LPP Integrity Management recommends: --> the relay of aprx 2600 feet of 6 inch, 60 psig bare steel (1911/1928) and aprx 100 feet of 6 inch, 60 psig plastic (1992/2011/2017) with aprx 2700 feet of 8 inch, 60 psig plastic in Eastern Av from exst 8 inch, 60 psig plastic (2011) at #1236 Eastern Av to exst 8 inch, 60 psig coated steel (1962) - DMAL0006 in Lynn St.	NG-GPP-10 line 266
15380855	Malden	197-303 COMMERCIAL ST, MAL	As part of the CISBOTPRO program, LPP Integrity Management recommends: --> the CISBOT sealing of aprx 1185 feet of 16 inch, LP cast iron (1910) in Commercial St from exst 16 inch, LP coated steel (1977) - MMAL0011 at #197 Commerical St to Medford St.	NG-GPP-6 line 2
12201137	Marblehead	20-25 STANLEY RD, MAR, & NEPTUNE RD, BAYVIEW RD	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 370 feet of 2 inch, LP bare steel (1948/1963/1964) with aprx 395 feet of 2 inch, 60 psig plastic in Neptune Rd from exst 2 inch, 60 psig plastic (2013) at #21 Neptune Rd to #7 Neptune Rd (additional 25 feet of 2 inch, 60 psig to account for gap between exst LP and 60 psig mains) --> aprx 80 feet of 6 inch, LP cast iron (1929) and aprx 35 feet of 2 inch, LP bare steel (1964) with aprx 115 feet of 2 inch, 60 psig plastic in Stanley Rd from Neptune Rd to end of main at #20 Stanley Rd	NG-GPP-4 line 13
1426263	Medford	275-368 SALEM ST, MED	As part of the CIRE101214 program, LPP Integrity Management recommends the relay of: --> aprx 1070 feet of 10 inch, LP cast iron (1920) with aprx 1070 feet of 12 inch, LP plastic in Salem St from exst 10 inch, LP cast iron (1920) at #275 Salem St to exst 10 inch, LP plastic (2012) at Garfield Av. --> aprx 35 feet of 6 inch, LP cast iron (1910) and aprx 10 feet of 2 and 4 inch, LP plastic (2007) with aprx 45 feet of 6 inch, LP plastic in Salem St/Park St intersection from exst 6 inch, LP cast iron (1910) in Park St to exst 6 inch, LP plastic (2007) in Park St. --> aprx 10 feet of 6 inch, LP cast iron (1913) with aprx 10 feet of 6 inch, LP plastic in Salem St/Paris St intersection from Salem St to exst 6 inch, LP plastic (2014). --> aprx 50 feet of 6 inch, LP cast iron (1920) with aprx 50 feet of 6 inch, LP plastic in Salem St/Dudley St intersection from Salem St to exst 4 inch, LP plastic (2005). --> aprx 50 feet of 6 inch, LP cast iron (1920) with aprx 50 feet fo 6 inch, LP plastic in Salem St/Otis St intersection from Salem St to exst 3 inch, LP cast iron (1910) in Otis St. --> aprx 20 feet of 4 inch, LP cast iron (1924) with aprx 20 feet of 6 inch, LP plastic in Salem St/Almont St intersection from Salem St to exst 4 inch, LP cast iron (1924) in Almont St.	NG-GPP-4 line 72
1458659	Medford	429-504 BOSTON AV, MED	As part of the CIRE101214 program, LPP Integrity Management recommends the relay of: --> aprx 1145 feet of 12 inch, 25 psig cast iron (1910) and aprx 5 feet of 12 inch, 25 psig coated steel (1997) - XMED0000 with aprx 1150 feet of 12 inch, 25 psig plastic in Boston Av from exst 12 inch, 25 psig cast iron (1910) at #429 Boston Av to exst 12 inch, 25 psig cast iron (1910) at #504 Boston Av.	NG-GPP-4 line 74

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1459835	Medford	246-273 HIGH ST, MED	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 645 feet of 6 inch, LP cast iron (1910) and aprx 30 feet of 6 inch, LP plastic (2001/2003/2020) with aprx 675 feet of 8 inch, LP plastic in High St from exst 6 inch, LP plastic (2008) at Essex St to exst 8 inch, LP plastic (2020) at #273 High St. --> aprx 40 feet of 6 inch, LP cast iron (1948) with aprx 40 feet of 6 inch, LP plastic in Daly Rd/High St intersection from High St to exst 6 inch, LP cast iron (1948) in Daly Rd.	NG-GPP-4 line 71
1552084	Medford	117-220 CENTRAL AV, MED	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 1535 feet of 6 inch, LP cast iron (1910/1913), and aprx 40 feet of 6 inch, LP plastic (2002/2006/2008) with aprx 1150 feet of 6 inch, LP plastic in Central Av from exst 6 inch, LP cast iron (1913) at Spring St to exst 6 inch, LP plastic (2013) at #220 Central Av. (aprx 425 feet of parallel 6" LP cast iron/plastic to be relayed with single main). --> the abandonment of aprx 50 feet of 6 inch, LP plastic (2013) in Perkins St/Central Av intersection. Relay services to exst, parallel 8 inch, LP plastic (2013). --> aprx 40 feet of 6 inch, LP cast iron (1909) with aprx 40 feet of 6 inch, LP plastic in Poole St/Central Av intersection from Central Av to exst 6 inch, LP cast iron (1909) in Poole St. --> aprx 35 feet of 6 inch, LP cast iron (1915) with aprx 35 feet of 6 inch, LP plastic in Chipman St/Central Av intersection from Central Av to exst 6 inch, LP cast iron (1915) in Chipman St. --> aprx 15 feet of 4 inch, LP cast iron (1913) and aprx 10 feet of 4 inch, LP plastic (2014) with aprx 25 feet of 6 inch, LP plastic in Evans St/Central Av intersection from Central Av to exst 6 inch, LP plastic (2014) in Evans St. --> aprx 35 feet of 4 inch, LP cast iron (1914) with aprx 35 feet of 6 inch, LP plastic in Burnside St/Central Av intersection from Central Av to exst 4 inch, LP cast iron (1914) in Burnside St. --> aprx 15 feet of 6 inch, LP cast iron (1927) with aprx 15 feet of 6 inch, LP plastic in Yeomans Av/Central Av intersection from Central Av to exst 6 inch, LP cast iron (1927) in Yeomans Av.	NG-GPP-4 line 70
15006062	Medford	2-85 GREENLEAF AV, MED	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 870 feet of 6 inch, LP cast iron (1910/1923) and aprx 140 feet of 4 inch, LP cast iron (1910) with aprx 1010 feet of 6 inch, LP plastic in Greenleaf Av from exst 4 inch, LP cast iron (1910) at Winthrop St to exst 6 inch, LP cast iron (1929) at Burget Av. --> aprx 15 feet of 6 inch, LP cast iron (1925) with aprx 15 feet of 6 inch, LP plastic in Benham St/Greenleaf Av intersection from Greenleaf Av to exst 6 inch, LP cast iron (1926) in Benham St. --> aprx 55 feet of 6 inch, LP cast iron (1915/1916) with aprx 55 feet of 6 inch, LP plastic in Brookings St/Greenleaf Av intersection from exst 6 inch LP cast iron (1915) in Brookings St to exst 6 inch, LP cast iron (1916) in Brookings St.	NG-GPP-4 line 73
15380534	Medford	5-148 MYRTLE ST, MED	As part of the CISBOTPRO program, LPP Integrity Management recommends: --> the CISBOT sealing of aprx 2500 feet of 16 inch, LP cast iron in Myrtle St from Spring St to MAL/MED town line.	NG-GPP-6 line 3
13354735	Melrose	1-39 UPHAM ST, MEL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 430 feet of 4 inch, LP cast iron (1911/1920), aprx 10 feet of 4 inch, LP plastic (2019), and aprx 5 feet of 4 inch, LP coated steel (1978) - XMEL0000 with aprx 445 feet of 6 inch, LP plastic in Upham St from exst 8 inch, LP cast iron (1913) at Main St to exst 6 inch, LP plastic (2019) at #39 Upham St. --> aprx 50 feet of 4 inch, LP cast iron (1912) with aprx 50 feet of 6 inch, LP plastic in Stevens Pl/Upham St intersection from Upham St to exst 4 inch, LP cast iron (1912) in Stevens Pl.	NG-GPP-4 line 75
14551207	Melrose	208-300 GROVE ST, MEL, FAXON ST	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 940 feet of 6 inch, LP cast iron (1912), aprx 410 feet of 4 inch, LP cast iron (1912), and aprx 45 feet of 4 inch, LP plastic (1991/2003) with aprx 1395 feet of 8 inch, LP plastic in Grove St from exst 6 inch, LP plastic (2003) at Lebanon St to exst 6 inch, LP plastic (2013) at #300 Grove St. --> aprx 30 feet of 4 inch, LP cast iron (1898) with aprx 30 feet of 6 inch, LP plastic in Radcliff Rd/Grove St intersection from Grove St to exst 4 inch, LP cast iron (1898) in Radcliff Rd. --> aprx 425 feet of 4 inch, LP cast iron (1912), aprx 30 feet of 6 inch, LP plastic (2003), and aprx 5 feet of 4 inch, LP plastic (2003) with aprx 460 feet of 8 inch, LP plastic in Faxon St from Grove St to exst 12 inch, LP coated steel (2003) - MMEL0013. --> aprx 35 feet of 4 inch, LP cast iron (1915) with aprx 35 feet of 6 inch, LP plastic in Gooch St/Grove St intersection from Grove St to exst 6 inch, LP plastic (2015) in Gooch St. --> aprx 25 feet of 6 inch, LP cast iron (1900) with aprx 25 feet of 6 inch, LP plastic in Meridian St/Grove St intersection from Grove St to exst 6 inch, LP cast iron (1900) in Meridian St. --> aprx 30 feet of 4 inch, LP cast iron (1913) with aprx 30 feet of 6 inch, LP plastic in Argyle St/Grove St intersection from Grove St to exst 4 inch, LP cast iron (1913) in Argyle St.	NG-GPP-4 line 76

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1460578	Milton	222-370 BLUE HILL AV, MIL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>-->aprx 1535 feet of 8 inch, LP cast iron (1915/1927), aprx 355 feet of 6 inch, LP cast iron (1906), & 40 feet of 8 inch, LP plastic (2016), with aprx 1930 feet of 12 inch, LP plastic in Blue Hill Av, from the existing 12 inch, LP plastic (2016) (WO#1007221) at #370 Blue Hill Av, to the existing 6 inch, LP plastic (2003) at #222 Blue Hill Av</p> <p>-->aprx 55 feet of 6 inch, LP coated steel (1956) (DMIL0046), with aprx 55 feet of 6 inch, LP plastic in Hollingsworth Rd, from the LP plastic relay in Bue Hill Av, to a tie in point outside the intersection of Hollingsworth Rd and Blue Hill Av</p> <p>-->aprx 55 feet of 6 inch, LP coated steel (1955) (DMIL0046), with aprx 55 feet of 6 inch, LP plastic in Valentine Rd, from the LP plastic relay in Blue Hill Av, to a tie in point outside the intersection of Valentine Rd and Blue Hill Av</p> <p>-->aprx 15 feet of 6 inch, LP cast iron (1913), with aprx 15 feet of 6 inch, LP plastic in Blue Hill Ter. from Blue Hill Av to a tie in point outside Blue Hill Av</p> <p>-->aprx 15 feet of 6 inch, LP cast iron (1925), with aprx 15 feet of 6 inch, LP plastic in Hudson St from Blue Hill Av to a tie in point outside Blue Hill Av</p> <p>-->aprx 15 feet of 6 inch, LP cast iron (1915), with aprx 15 feet of 6 inch, LP plastic in Pagoda St from Blue Hill Av to a tie in point outside Blue Hill Av</p> <p>-->aprx 15 feet of 6 inch, LP cast iron (1915), with aprx 15 feet of 6 inch, LP plastic in Victoria St from Blue Hill Av to a tie in point outside Blue Hill Av</p> <p>-->aprx 15 feet of 6 inch, LP cast iron (1927), with aprx 15 feet of 6 inch, LP plastic in Norman St from Blue Hill Av to a tie in point outside Blue Hill Av</p>	NG-GPP-4 line 42
12599032	Jewburyport	3-26 OAK ST, NWP	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 710 feet of 4 inch, LP cast iron (1900/1931) and aprx 10 feet of 4 inch, LP plastic (2019) with aprx 720 feet of 6 inch, LP plastic in Oak St from 12 inch, LP plastic (see wo#1535688) in Marlboro St to exst 6 inch, LP plastic (2019) at #26 Oak St.</p>	NG-GPP-10 line 234
1087439	Newton	42-51 ROCKLAND ST, NEW	Field Request - As part of the FY16/17 REANONLEAK Program, Main and Service Replacement recommends the relay of aprx 245 feet of 8 inch, 22 psig cast iron (1929) with aprx 245 feet of 22 psig plastic in Rockland St from Needham St to the exst 6 inch, 22 psig plastic at Kenneth St.	NG-GPP-10 line 412
1421116	Newton	229-344 WATERTOWN ST, NEW	<p>As part of the CIMNRPL<10, LPP Integrity Management recommends:</p> <p>--> the relay of aprx 1190 feet of 4 inch, LP cast iron (1899/1902), aprx 20 feet of 4 inch, LP plastic (2002), aprx 20 feet of 4 inch, LP plastic (2005), aprx 20 feet of 4 inch, LP plastic (2002), aprx 5 feet of 4 inch, LP plastic (2002), aprx 5 feet of 4 inch, LP plastic (1993) and aprx 5 feet of 4 inch, LP coated steel (1986) with aprx 1265 feet of 6 inch, LP plastic in Watertown St from #344 Watertown St to the exst 6 inch, LP plastic at #229 Watertown St,</p> <p>-->the relay of aprx 550 feet of 6 inch, LP cast iron (1910) with aprx 550 feet of 8 inch LP plastic in Chapel St from the exst 6 inch, LP plastic at #92 Chapel St to the exst 6 inch, LP plastic in the intersection of Chapel St and #133 Watertown St,</p> <p>--> the relay of aprx 30 feet of 4 inch, LP cast iron (1903) with aprx 30 feet of 6 inch LP plastic in the intersection of Dalby St and Watertown St,</p> <p>--> the relay of aprx 40 feet of 4 inch, LP cast iron (1911) and aprx 10 feet of 4 inch, LP plastic (2020) with aprx 50 feet of 6 inch, LP plastic in the intersection of Cook St and Watertown St,</p> <p>--> the relay of aprx 85 feet of 4 inch, LP cast iron (1908) with aprx 85 feet of 6 inch, LP plastic in Faxon St from Watertown St to the exst 4 inch, LP plastic at #97 Faxon St,</p> <p>--> the relay of aprx 5 feet of 4 inch, LP plastic (2005) with aprx 5 feet of 4 inch, LP plastic in intersection of private way off #273 Watertown St,</p> <p>--> the relay of aprx 605 feet of 4 inch, LP cast iron (1899/1902) and aprx 70 feet of 4 inch, LP plastic (2002/2019/2021) with aprx 675 feet of 6 inch, LP plastic in Pearl St from Watertown St to the exst 6 inch, LP plastic at #227 Pearl St,</p> <p>---->the relay of aprx 5 feet of 4 inch, LP plastic (2002) with aprx 5 feet if 4 inch, LP plastic in the intersection of Watertown St and private way off #251 Watertown St,</p> <p>--> aprx 50 feet of 4 inch, LP cast iron (1994) with aprx 50 feet of 6 inch, LP plastic in the intersection of Capital St and Watertown St, and</p> <p>----> the relay of 15 feet of 4 inch, LP coated steel (1986) with 15 feet of 4 inch, LP plastic in the intersection of #268 Watertown St and the private roadway.</p>	NG-GPP-10 line 405

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
13297486	Newton	700-757 CHESTNUT ST, NEW	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 20 feet of 4 inch, LP cast iron (1905) with aprx 20 feet of 6 inch, LP plastic in the intersection of Wyman St and Chestnut St, -->aprx 60 feet of 6 inch, LP cast iron (1926) with aprx 60 feet of 6 inch, LP plastic in the intersection of #726 Larchmont Av and Chestnut St, -->aprx 60 feet of 6 inch, LP cast iron (1926) with aprx 60 feet of 6 inch, LP plastic in the intersection of #750 Larchmont Av and Chestnut St, and -->aprx 780 feet of 8 inch, LP cast iron (1914/1907) and aprx 5 feet of 8 inch, LP plastic (2007) with aprx 785 feet of 8 inch, LP plastic in Chestnut St from the overhead railroad crossing at #757 Chestnut St to Woodward St.	NG-GPP-4 line 102
14215288	Newton	1-62 OAKWOOD RD, NEW, & VIRGINIA RD	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 295 feet of 4 inch, LP cast iron (1912) and aprx 425 feet of 6 inch, LP cast iron (1909) with aprx 720 feet of 6 inch, LP plastic in Oakwood Rd from Leighton Rd to end of main at #62 Oakwood Rd, and -->aprx 160 feet of 4 inch, LP cast iron (1939) with aprx 160 feet of 6 inch, LP plastic in Virginia Rd from Oakwood Rd to Williston Rd.	NG-GPP-4 line 99
15082759	Newton	167-367 ALBEMARLE RD, NEW	As part of the CIMNLINING Program, LPP Integrity Management recommends: -->the lining of aprx 2310 feet of 12 inch, 22, psig cast iron (1922) from #167 Albermarle Rd (south of Reg Station #167) to Watertown St.	NG-GPP-4 line 100
12350869	Norwood	7-35 MCKINLEY RD, NOR	As part of the BSMNRPL Program, LPP Integrity Mangement recommends the relay of: --> aprx 1040 feet of 4 inch, 60 psig bare steel (1916), with aprx 1040 feet of 4 inch, 60 psig plastic in McKinley Rd, from the existing 8 inch, 60 psig coated steel (1972) in Neponset St, to the existing 4 inch, 60 psig plastic at #35 McKinley Rd *RNM from Brian Drummey, 06/12/2024. 'See Grade 1 WO#1599813. 50 FT of 4 I BS RELAYED WITH PLASTIC DUE TO MAIN IN POOR CONDITION.'	NG-GPP-4 line 38
12311954	Peabody	6-91 ENDICOTT ST, PEA	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1615 feet of 4 inch, LP cast iron (1898/1920) and aprx 10 feet of 4 inch, LP plastic (2023) - with aprx 1565 feet of 6 inch, LP plastic in Endicott St. from exst 6 inch, LP plastic (2024) at #6 Endicott St. to exst 6 inch, LP plastic (2023) at #73 Endicott St. and aprx 60 feet of 6 inch, coated steel for the bridge at #24 Endicott St. --> aprx 380 feet of 4 inch, LP cast iron (1898/1920) and aprx 15 feet of 4 inch, LP plastic (2023) and aprx 20 feet of 4 inch, LP plastic (2019) - with aprx 415 feet of 6 inch, LP plastic in Endicott St. from exst 6 inch, LP plastic (2023) at #79 Endicott St. to exst 6 inch, LP plastic (2019) at #137 Lowell St. --> aprx 10 feet of 4 inch, LP cast iron (1906) - with aprx 10 feet of 6 inch, LP plastic in Endicott St./Berry St. int. from Endicott St. to #25 Berry St. --> aprx 25 feet of 4 inch, LP cast iron (1898) and aprx 10 feet of 4 inch, LP plastic (2011) - with aprx 35 feet of 6 inch, LP plastic in Endicott St./Warren St. int from Endicott St. to #49 Warren St.	NG-GPP-4 line 14
1421186	Quincy	139-235 E SQUANTUM ST, QUI, & APPLETON ST, WEBSTER	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 1140 feet of 6 inch, LP cast iron (1908), with aprx 1140 feet of 8 inch, LP plastic in E Squantum St from Billings St to Faxon Rd -->aprx 970 feet of 4 inch, LP cast iron (1907), with aprx 970 feet of 6 inch, LP plastic in Appleton St from E Squantum St to the exst 4 inch, LP plastic (2006) at #77 Appleton St -->aprx 820 feet of 6 inch, LP cast iron (1906), with aprx 820 feet of 6 inch, LP plastic in Webster St from E Squantum St to the exst 6 inch, LP plastic (2005) at #65 Webster St	NG-GPP-4 line 44
1426708	Quincy	9-164 S WALNUT ST, QUI, & OAK ST, HITCHCOCK TER.	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 2030 feet of 6 inch, LP cast iron (1907/1908/1909/1915), & aprx 35 feet of 6 inch, LP plastic (2007/2016), with aprx 2065 feet of 6 inch, LP plastic in S. Walnut Street, from the existing 6 inch, LP plastic (2006) at #164 S. Walnut Street, to Elm Street - tie into the 6 inch, cast iron in S. Walnut Street before entering into Elm Street --> 20 feet of 4 inch, LP cast iron (1907) and aprx 5 feet of 4 inch, LP coated steel (1974-XQUI0000) with aprx 25 feet of 6 inch, LP plastic at the Union St / S Walnut St intersection, --> aprx 20 feet of 3 inch, LP wrought iron (1912), with aprx 20 feet of 4 inch, LP plastic at the Hitchcock Ter / S Walnut St intersection, --> aprx 20 feet of 4 inch, LP cast iron (1908), with aprx 20 feet of 4 inch, LP plastic at the Taft St / S Walnut St intersection, and --> aprx 20 feet of 4 inch, LP cast iron (1912) with aprx 20 feet of 6 inch, LP plastic at the Atherton St / S Walnut St intersection.	NG-GPP-4 line 49

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
12976524	Quincy	7-51 HARVARD ST, QUI & 239-285 HOLBROOK RD	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 385 feet of 6 inch, LP cast iron (1914) with aprx 385 feet of 4 inch, 22 psig plastic in Harvard St from the existing 12 inch, 22 psig cast iron (1929) in W Squantum St to Holbrook Rd,</p> <p>--> aprx 285 feet of 6 inch, LP cast iron (1914) with aprx 315 feet of 4 inch, 22 psig plastic in Harvard St from Holbrook Rd to the existing 4 inch, 22 psig plastic (2024) in Elliot Av,</p> <p>--> aprx 580 feet of 6 inch, LP cast iron (1912/1922/1924) with aprx 605 feet of 4 inch, 22 psig plastic in Holbrook Rd from the existing 4 inch, 22 psig plastic (2022) at #285 Holbrook Rd to #239 Holbrook Rd (cut and cap the existing 6 inch, LP cast iron (1912) at #239 Holbrook Rd), and</p> <p>--> aprx 15 feet of 3 inch, LP cast iron (1924) with aprx 15 feet of 4 inch, 22 psig plastic at the Holbrook Rd / Clement Ter intersection (tie into the existing 4 inch, 22 psig plastic (2022) in Clement Ter)</p>	NG-GPP-4 line 46
13020470	Quincy	83-182 HARVARD ST, QUI	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the:</p> <p>--> relay of aprx 200 feet of 6 inch, LP cast iron (1925) with aprx 200 feet of 8 inch, LP plastic in Harvard St from the existing 8 inch, LP plastic (2021) at #83 Harvard St to the existing 8 inch, LP plastic (2023) in Wilson Av,</p> <p>--> relay of aprx 690 feet of 8 inch, LP cast iron (1926/1928) with aprx 690 feet of 8 inch, LP plastic in Harvard St and Piermont St from the existing 8 inch, LP plastic (2023) in Wilson Av to the existing 8 inch, LP cast iron (1928) at #11 Piermont St,</p> <p>--> abandonment of aprx 20 feet of 8 inch, LP cast iron (1928) at the Harvard St / Hobart St intersection,</p> <p>--> relay of aprx 425 feet of 6 inch, LP cast iron (1930) and 10 feet of 6 inch, LP plastic (2020) with aprx 435 feet of 8 inch, LP plastic in Harvard St from Piermont St to the existing 8 inch, LP plastic (2020) at the Harvard St / Sherman St intersection</p>	NG-GPP-4 line 47
13784927	Quincy	1-105 SEA ST, QUI	<p>As part of the CIRE101214 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1380 feet of 12 inch, 22 psig critical cast iron (1930) with aprx 1380 feet of 12 inch, 22 psig plastic in Sea St from the existing 16 inch, 22 psig critical cast iron (1930) in Southern Ar to the existing 12 inch, 22 psig critical cast iron (1930) at #105 Sea St.</p>	NG-GPP-4 line 43
9824728	Reading	8-110 GROVE ST, RDG	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1315 feet of 6 inch, LP cast iron (1929), aprx 620 feet of 6 inch, LP coated steel (1965) - DRDG0010, and aprx 20 feet of 6 inch, LP plastic (2017/2019) with aprx 1955 feet of 8 inch, LP plastic in Grove St from exst 8 inch, LP plastic (2019) at Lowell St to exst 8 inch, LP plastic (2017) at #110 Grove St.</p> <p>--> aprx 25 feet of 6 inch, LP cast iron (1929) with aprx 25 feet of 6 inch, LP plastic in Henzie St/Grove St intersection from Grove St to exst 6 inch, LP cast iron (1929) in Henzie St.</p>	NG-GPP-4 line 78
12230018	Reading	6-71 MIDDLESEX AV, RDG, 25-86 BANCROFT AV	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1220 feet of 6 inch, LP cast iron (1913) with aprx 1220 feet of 8 inch, LP plastic in Middlesex Av from exst 6 inch, LP plastic (1998) at Lowell St to exst 6 inch, LP cast iron (1913) at Deering St.</p> <p>--> aprx 965 feet of 4 inch, LP cast iron (1913/1917), aprx 170 feet of 6 inch, LP cast iron (1919), and aprx 5 feet of 4 inch, LP plastic (2016) with aprx 1140 feet of 6 inch, LP plastic in Bancroft Av from exst 6 inch, LP plastic (2016) at Mt Vernon St to end of main at #86 Bancroft Av.</p> <p>--> aprx 20 feet of 6 inch, LP cast iron (1947) with aprx 20 feet of 6 inch, LP plastic in Cape Cod Av/Middlesex Av intersection from Middlesex Av to exst 6 inch, LP cast iron (1947) in Cape Cod Av.</p> <p>--> aprx 25 feet of 4 inch, LP cast iron (1913) and aprx 10 feet of 4 inch, LP plastic (2016) with aprx 35 feet of 6 inch, LP plastic in Kingston St/Middlesex Av intersection from Middlesex Av to exst 6 inch, LP plastic (2016) in Kingston St.</p>	NG-GPP-4 line 77
12151130	Revere	12-309 CRESCENT AV, REV	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends:</p> <p>--> the abandonment of aprx 3020 feet of 4 inch, LP cast iron (1909/1951) and aprx 40 feet of 4 inch, LP plastic (1994) in Crescent Av from #15 Crescent Av to Winthrop Pkwy. Upgrade and transfer services to exst parallel 8 inch, 60 psig plastic (2003) in Crescent Av.</p> <p>--> the abandonment of aprx 25 feet of 4 inch, LP cast iron (1909) in Crescent Av/Belle Isle Av intersection. Upgrade and transfer services to 8 inch, 60 psig plastic (2003) in Crescent Av.</p> <p>--> the abandonment of aprx 180 feet of 2 inch, LP bare steel (1911) in Crescent Av from #12 Crescent Av to #19 Crescent Av. Upgrade and transfer services to parallel 12 inch, 60 psig coated steel (1993) - MREV0034.</p>	NG-GPP-4 line 79

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
13316773	Revere	56-104 SUMMER ST, REV, CRYSTAL AV, ORCHARD ST	<p>As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 495 feet of 4 inch, LP cast iron (1907), aprx 25 feet of 4 inch, LP plastic (1993/1994), and aprx 125 feet of 2 inch, LP bare steel (1907) with aprx 645 feet of 4 inch, 60 psig plastic in Summer St from exst 8 inch, 60 psig plastic (2003) in Crescent Av to end of main at #102 Summer St.</p> <p>--> aprx 240 feet of 2 inch, LP coated steel (1966) - DREV0008, aprx 155 feet of 2 inch, LP bare steel (1927), and aprx 155 feet of 2 inch, LP plastic (2018) with aprx 550 feet of 2 inch, 60 psig plastic in Crystal Av from end of main at #81 Crystal Av to end of main at #131 Crystal Av.</p> <p>--> aprx 165 feet of 2 inch, LP plastic (1998) with aprx 165 feet of 2 inch, 60 psig plastic in between #282 and #284 Crescent Av from Crescent Av to end of main at #1001 Winthrop Av.</p> <p>--> aprx 270 feet of 4 inch, LP cast iron (1909) with aprx 270 feet of 4 inch, 60 psig plastic in Orchard St from exst 8 inch, 60 psig plastic (2003) in Crescent Av to exst 4 inch, 60 psig plastic (2020) in Pearl Av.</p> <p>--> aprx 200 feet of 2 inch, LP bare steel (1909/1910) with aprx 200 feet of 2 inch, 60 psig plastic in Webster St from exst 8 inch, 60 psig plastic (2003) in Crescent Av to end of main at #37 Webster St.</p>	NG-GPP-4 line 80
13040702	Rockland	18-112 E WATER ST, ROC	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 355 feet of 2 inch, 60 psig coated steel (1957 - DROC0016), aprx 820 feet of 2 inch, 60 psig bare steel (1929/1936), aprx 5 feet of 2 inch, 60 psig plastic (2022), and aprx 15 feet of 2 inch, 60 psig coated steel (1968 - GOPB506) with aprx 1195 feet of 2 inch, 60 psig plastic in E Water St from the exst 2 inch, 60 psig plastic (1990) in Howard St to the exst 2 inch, 60 psig coated steel (1957 - DROC0016) at #197 Union St.</p>	NG-GPP-4 line 50
936949	Roslindale	1463-1702 CENTRE ST, ROS	<p>As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 3215 feet of 12 inch, 22 psig cast iron (1915/1923/1938) and aprx 10 feet of 12 inch, 22 psig coated steel (2003) - UWRO0044 with aprx 3225 feet of 12 inch, 22 psig coated steel in Centre St from Hewlett St to W Roxbury Pkwy.</p>	NG-GPP-10 line 148
13250729	Roslindale	8-171 NEWBURG ST, ROS	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1290 feet of 4 inch, LP cast iron (1904), & aprx 15 feet of 4 inch, LP plastic (2009), with aprx 1305 feet of 6 inch, LP plastic in Newburg St from the existing 4 inch, LP cast iron at #8 Newburg St outside the intersection with Belgrade Av, to the existing 8 inch, LP plastic (2009) at #106 Newburg St.</p> <p>--> aprx 575 feet of 4 inch, LP cast iron (1904), & aprx 25 feet of 4 inch, LP plastic (1997/2009), with aprx 600 feet of 6 inch, LP plastic in Newburg St, from the existing 8 inch LP plastic (2009) at #110 Newburg St, to the existing 4 inch, LP plastic (1997) at #190 Beech St</p> <p>--> aprx 430 feet of 4 inch, LP cast iron (1915/1921), & aprx 15 feet of 4 inch, LP plastic (1997), with aprx 445 feet of 6 inch, LP plastic in Newburg St, from the existing 4 inch, LP plastic (1997) at #197 Beech St, to the existing 4 inch, LP cast iron (1921) at #171 Newburg St</p>	NG-GPP-4 line 39
15379970	Roslindale	4121-4246 WASHINGTON ST, ROS, & 3850-3895 WASHINGTON ST	<p>As part of the Proactive CISBOT Program, LPP Integrity Management recommends the CISBOT seal of:</p> <p>--> aprx 1615 feet of 20 inch, LP cast iron (1904) in Washington St from #4121 Washington St to #4246 Washington St, and</p> <p>--> aprx 630 feet of 20 inch, LP cast iron (1910) in Washington St from #3850 Washington St to #3895 Washington St.</p>	NG-GPP-6 line 1
1455425	Roxbury	59-134 HAMPDEN ST, ROX	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 925 feet of 12 inch, LP cast iron (1893) and aprx 70 feet of 12 inch, LP plastic (2013/2014) with aprx 995 feet of 12 inch, LP plastic in Hampden St from the exst 12 inch, LP coated steel (1978) - MROX0040 at Melnea Cass Blvd to Howard St.</p>	NG-GPP-4 line 31
1506803	Roxbury	1578-1845 COLUMBUS AV, ROX, & 30-56 DIMOCK ST	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1020 feet of 6 inch, LP cast iron (1897), aprx 40 feet of 6 inch, LP plastic (2004/2005) and aprx 20 feet of 8 inch, LP coated steel (1965) - MROX0025 with aprx 1080 feet of 6 inch, LP plastic in Columbus Av (southbound) from the exst 6 inch, LP coated steel (1983) - MROX0116 at Centre St to the exst 8 inch, LP plastic (2004) at Dimock St,</p> <p>--> aprx 35 feet of 6 inch, LP plastic (2006), aprx 975 feet of 6 inch, LP cast iron (1897) and aprx 30 feet of 4 inch, LP plastic (1986) with aprx 1040 feet of 8 inch, LP plastic in Columbus Av (northbound) from the exst 12 inch, LP coated steel (1983) - MROX0116 at Centre St to the exst 8 inch, LP plastic (2004) at Dimock St,</p> <p>--> aprx 50 feet of 8 inch, LP coated steel (1965) - DROX0118 with aprx 50 feet of 8 inch, LP plastic in the intersection of Academy Rd and Columbus Av, and</p> <p>--> aprx 630 feet of 4 inch, LP cast iron (1894) with aprx 630 feet of 6 inch, LP plastic in Dimock St from Columbus Av to the exst 6 inch, LP plastic at Notre Dame St.</p>	NG-GPP-4 line 30
12097192	Roxbury	1-12 OSWALD ST, ROX	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 270 feet of 4 inch, LP cast iron (1895/1903), & aprx 35 feet of 4 inch, LP plastic (1998/2012), with aprx 305 feet of 6 inch, LP plastic in Oswald St, from the existing 6 inch, LP plastic (2001) in Hillside St, to the existing 6 inch, LP plastic (2012) at #1 Oswald St</p>	NG-GPP-4 line 29

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1195429	Salem	1-7 WILLOW AV, SAL, & 238-310 LAFAYETTE ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1495 feet of 4 and 6 inch, LP cast iron (1868/1888) and aprx 40 feet of 4 and 6 inch, LP plastic (2015/2022) with aprx 1535 feet of 8 inch, LP plastic in Lafayette St from the existing 6 inch, LP plastic (2016) at Holly St to the existing 8 inch, LP plastic (2015) at Clifton Av, --> aprx 370 feet of 4 and 6 inch, LP cast iron (1893/1901/1936) and aprx 20 feet of 6 inch, LP plastic (2018) with aprx 390 feet of 8 inch, LP plastic in Willow Av from the existing 8 inch, LP plastic (2020) in Laurel St to the existing 8 inch, LP plastic (2018) in Summit Av, and --> aprx 90 feet of 4 and 6 inch, LP plastic (2018/2022) with aprx 90 feet of 8 inch, LP plastic in Ocean Av from the existing 6 inch, LP plastic (2010) at #284 Lafayette St to the existing 8 inch, LP plastic (2018) at #285 Lafayette St.	NG-GPP-4 line 15
12431928	Salem	76-124 MARGIN ST, SAL, & SUMMER ST, PRESCOTT ST	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx. 780 feet of 6 inch, LP cast iron(1912/1925/1933) with aprx 780 feet of 8 inch, LP plastic in Margin St. from Summer to exst 8 inch, LP plastic(1998) at #87 Margin St.--> aprx. 125 feet of 3 inch, LP cast iron (1925) and aprx 20 feet of 4 inch, LP cast iron (1925) with aprx 145 feet of 6 inch, LP plastic in Margin from Summer St. to 124 Margin St. --> aprx 670 feet of 4 inch, LP cast iron (1911/1912) and aprx 30 feet 4 inch, LP plastic (2022) - with aprx 700 feet of 6 inch, LP plastic in Prescott St. from the exst 4 inch, LP plastic (2022) at #30 Prescott St. to Prescott St./Margin St. int--> aprx 390 feet of 6 inch, LP cast iron (1925) and aprx 50 feet of 4 inch, LP plastic (2006) - with aprx 440 feet of 8 inch, LP plastic in Jefferson Av. from exst 6 inch, LP plastic (2022) and exst 6 inch, LP cast iron (1939) at Jefferson Av./Winthrop St. int to Jefferson Av./Margin St. int--> aprx 250 feet of 6 inch, LP cast iron (1933) and aprx 35 feet of 6 inch, LP plastic (2021) - with aprx 285 feet of 6 inch, LP plastic in Summer St. from #81 Summer St. to Summer St./Margin St. int --> aprx 30 feet of 4 inch, LP cast iron (1935) - with aprx 30 feet of 6 inch, LP plastic in Downing St. from Prescott St./Downing St. int to #1 Downing St.	NG-GPP-4 line 16
13518832	Salem	211-245 NORTH ST, SAL, & WOODSIDE ST	As part of the CIMNRPL Program, LPP Integrity Management recommends: --> the lining of aprx 1225 feet of 10 inch, LP cast iron (1913/1922) and the relay of aprx 50 feet of 6 inch, LP cast iron (1922) - with aprx 1275 feet of 6 inch, LP plastic in North St. (on the even side) from Margin St. / Proctor St. int. to the exst 6 inch, LP plastic (2015) in the North St. / Oakland St. / Woodside St. int at #207 North St. --> the relay of aprx 25 feet of 4 inch, LP plastic (2003) in Highland St. from North St. / Highland St. int. to #2 Highland St. --> the abandonment of aprx 20 feet of 4 inch, LP cast iron (1922) in the North St. / Oakland St. / Woodside St. int at #209 North St. --> the abandonment of aprx 1160 feet of 4 inch, LP cast iron (1979) and aprx 45 feet of 4 inch, LP plastic (2017/2003/1992) from Margin St. / Proctor St. int. to the North St. / Oakland St. / Woodside St. int at #209 North St.	NG-GPP-10 line 55
1505386	Somerville	83-133 HEATH ST, SOM, EDGAR AV,CT, TER,5-22 BOND	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 400 feet of 6 inch, 1 psig cast iron (1908), aprx 335 feet of 4 inch, 1 psig cast iron (1903), aprx 10 feet of 4 inch, 1 psig coated steel (1961) - NSOM0000, and aprx 10 feet of 4 inch, 1 psig plastic (2012) with aprx 755 feet of 6 inch, 1 psig plastic in Heath St from Bond St to exst 6 inch, 1 psig plastic (2012) at Moreland St. --> aprx 335 feet of 6 inch, 1 psig cast iron (1917), aprx 10 feet of 6 inch, 1 psig coated steel (1959) - NSOM0000, and aprx 5 feet of 6 inch, 1 psig coated steel (1965) - MSOM0002 with aprx 350 feet of 6 inch, 1 psig plastic in Bond St from exst 6 inch, 1 psig plastic (2017) at Broadway to exst 6 inch, 1 psig coated steel (1965) - MSOM0002 at Heath St. --> aprx 25 feet of 6 inch, 1 psig coated steel (1959) - DSOM0013 with aprx 25 feet of 6 inch, 1 psig plastic in Bond St/Heath St intersection from Bond St to exst 6 inch, 1 psig coated steel (1959) - DSOM0013 at #81 Heath St. --> aprx 835 feet of 6 inch, 1 psig cast iron (1906/1909/1925) and aprx 10 feet of 6 inch, 1 psig plastic (1988) with aprx 845 feet of 6 inch, 1 psig plastic in Edgar Av from exst 6 inch, 1 psig plastic (2015) at Main St to 6 inch, 1 psig plastic (2023) (see wo#1427133) in Meacham St. --> aprx 120 feet of 6 inch, 1 psig cast iron (1912/1927) and 50 feet of 6 inch, 1 psig plastic (1996) with aprx 170 feet of 6 inch, 1 psig plastic in Douglas Av from Edgar Av to end of main at #14 Douglas Av. --> aprx 155 feet of 4 inch, 1 psig cast iron (1925) with aprx 155 feet of 6 inch, 1 psig plastic in Edgar Ct from Edgar Av to 6 inch, 1 psig plastic (see wo#1427133) in Century St. --> aprx 150 feet of 4 inch, 1 psig cast iron (1925) with aprx 150 feet of 6 inch, 1 psig plastic in Edgar Ter from Edgar Av to 6 inch, 1 psig plastic (see wo#1427133) in Century St.	NG-GPP-4 line 82
13934116	Somerville	3-30 OAKLAND AV, SOM	As part of the CIMNRPL<10 program, LPP Integrity Management recommend the relay of: --> aprx 410 feet of 3 inch, 1 psig cast iron (1903), aprx 30 feet of 3 inch, 1 psig plastic (1990/1995), and aprx 5 feet of 4 inch, 1 psig plastic (1990) with aprx 445 feet of 6 inch, 1 psig plastic in Oakland Av from exst 6 inch, 1 psig plastic (1990) in Marshall St to exst 6 inch, 1 psig plastic (1995) at School St.	NG-GPP-4 line 81
776473	outh Boston	267-345 OLD COLONY AV, SBO	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 1310 feet of 6 inch, LP cast iron (1911) with aprx 1310 feet of 6 inch, LP plastic in Old Colony Av from Dorchester St to the end of main at McDonough Wy, --> aprx 425 feet of 4 inch, LP cast iron (1906) with aprx 425 feet of 6 inch, LP plastic in Vinton St from Old Colony Av to the existng 4 inch, LP plastic (1987) at #17, and --> aprx 35 feet of 6 inch, LP cast iron (1911) with aprx 35 feet of 6 inch, LP plastic in Gen Devine Wy from Old Colony Av to the end of main.	NG-GPP-4 line 32

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
981614	Yarmouth	10-28 THEATER COLONY LN, SYA, 5-11 KAREN WY	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 630 feet of 2 inch, 60 psig bare steel (1960) with aprx 630 feet of 2 inch, 60 psig plastic in Theater Colony Ln from the proposed 2 inch, 60 psig plastic (wo# 1198310) to Karen Wy,</p> <p>--> aprx 210 feet of 2 inch, 60 psig bare steel (1960) with aprx 210 feet of 2 inch, 60 psig plastic in Karen Wy from Theater Colony Ln to the end of main at #11 Karen Wy, and</p> <p>--> aprx 170 feet of branch service piping with aprx 170 feet of 2 inch, 60 psig plastic onsite of #3 Karen Wy from Karen Wy to the end of main (install individual services off the onsite main),</p> <p>NOTE: If any other branch services are found, they should be remediated as part of the projec</p>	NG-GPP-5 line 1
1198310	Yarmouth	1006-1252 MAIN ST, SYA, & FOREST RD	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends:</p> <p>--> the relay of aprx 4715 feet of 8 inch, 60 psig bare steel (1900) and aprx 290 feet of 6 inch, 60 psig Aldyl-A plastic (1978) with aprx 5005 feet of 8 inch, 60 psig plastic in Main St (Route 28) from the proposed 6 inch, 60 psig plastic (wo# 1520146) at Old Main St to the existing 8 inch, 60 psig plastic at #1252 Main St,</p> <p>--> the relay of aprx 45 feet of 2 inch, 60 psig plastic (2005), 545 feet of 2 inch, 60 psig Aldyl-A plastic (1977), and aprx 50 feet of 8 inch, 60 psig bare steel (1900) with aprx 640 feet of 2 inch, 60 psig plastic in Forest Rd from Main St (Route 28) to the existing 2 inch, 60 psig plastic (1995) in Long Pond Dr,</p> <p>--> the relay of aprx 335 feet of 2 inch, 60 psig coated steel (1966) - DYAR0042 with aprx 335 feet of 2 inch, 60 psig plastic in Forest St from Main St (Route 28) to the end of main at #25 Forest St,</p> <p>--> the relay of aprx 180 feet of 2 inch, 60 psig coated steel (1966) - DYAR0042 with aprx 180 feet of 2 inch, 60 psig plastic in pathway to #1047-1061 Main St from Forest Rd to the end of main,</p> <p>--> the abandonment of aprx 180 feet of 2 inch, 60 psig coated steel (1966) - DYAR0042 in pathway to #1041 Main St from Forest Rd to the end of main (install new service to building off Forest Rd Main),</p> <p>--> the relay of aprx 170 feet of branch service piping with aprx 170 feet of 2 inch, 60 psig plastic onsite of #1067-1071 Main St from Main St (Route 28) to the end of main (install individual services off the onsite main),</p> <p>--> the relay of aprx 85 feet of branch service piping with aprx 85 feet of 2 inch, 60 psig plastic onsite of #1085 Main St from Main St (Route 28) to the end of main (install individual services off the onsite main),</p> <p>--> the relay of aprx 55 feet of branch service piping with aprx 55 feet of 2 inch, 60 psig plastic onsite of #1093 Main St from Main St (Route 28) to the end of main (install individual services off the onsite main),</p> <p>--> the relay of aprx 80 feet of 2 inch, 60 psig bare steel (1957) with aprx 80 feet of 2 inch, 60 psig plastic in Lyman Ln from Main St (Route 28) to the existing 2 inch, 60 psig plastic (2014) at #4 Lyman Ln,</p> <p>--> the relay of aprx 80 feet of 2 inch, 60 psig coated steel (1978) - USYA0001 with aprx 80 feet of 2 inch, 60 psig plastic in Wood Rd from Main St (Route 28) to the existing 2 inch, 60 psig plastic (1994) at Davis Rd,</p> <p>--> the relay of aprx 170 feet of branch service piping with aprx 170 feet of 2 inch, 60 psig plastic onsite of #1196 Main St from Main St (Route 28) to the end of main (install individual services off the onsite main),</p> <p>--> the relay of aprx 100 feet of branch service piping with aprx 100 feet of 2 inch, 60 psig plastic onsite of #1199 Main St from Main St (Route 28) to the end of main (install individual services off the onsite main),</p> <p>--> the relay of aprx 20 feet of 2 inch, 60 psig plastic (1960) with aprx 20 feet of 2 inch, 60 psig plastic in Theater Colony Ln from Main St (Route 28) to the proposed 2 inch, 60 psig plastic (wo# 981614) at #5 Theater Colony Ln, and</p> <p>--> the relay of aprx 60 feet of 1.25 inch, 60 psig plastic (1988) with aprx 60 feet of 2 inch, 60 psig plastic in Pond St from Main St (Route 28) to the existing 2 inch, 60 psig plastic (2012) in Pond St.</p> <p>NOTE: If any other branch services are found, they should be remediated as part of the project.</p>	NG-GPP-5 line 2
1503129	Spencer	2-51 CHURCH ST, SPE, & 1-70 TEMPLE ST	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 605 feet of 6 inch, 1.25 psig bare steel (1958), aprx 275 feet of 3 inch, 1.25 psig bare steel (1921), & aprx 380 feet of 2 inch, 1.25 psig bare steel (1921), with aprx 880 feet of 6 inch, 1.25 psig plastic in Church St from the existing 6 inch, 1.25 psig plastic (2010) at #2 Church St to Temple St, & with aprx 380 feet of 4 inch, 1.25 psig plastic in Church St from Temple St to the existing 4 inch, 1.25 psig plastic (2018) at #52 Church St</p> <p>--> aprx 300 feet of 6 inch, 1.25 psig bare steel (1968), aprx 800 feet of 4 inch, 1.25 psig bare steel (1955), with aprx 485 feet of 6 inch, 1.25 psig plastic in Temple St from the existing 6 inch, 1.25 psig plastic (2014) at #2 Temple St, to the existing 6 inch, 1.25 psig plastic (2013) off of Prospect St, & aprx 615 feet of 4 inch, 1.25 psig plastic in Temple St from Prospect to the existing 2 inch, 1.25 psig plastic (1985)</p> <p>--> aprx 310 feet of 4 inch, 1.25 psig bare steel (1958), with aprx 310 feet of 4 inch, 1.25 psig plastic in Parent St from Temple St to the existing 4 inch, 1.25 psig plastic (2014) at #5 Parent St</p> <p>--> aprx 275 feet of 2 inch, 1.25 psig coated steel (1965) (DSPE0006), with aprx 275 feet of 2 inch, 1.25 psig plastic in Langevin St from Temple St to the end of main at #12 Langevin St</p> <p>--> aprx 515 feet of 3 inch, 1.25 psig plastic (1982/2014), & aprx 5 feet of 4 inch, 1.25 psig plastic (2014/2016), with aprx 520 feet of 6 inch, 1.25 psig plastic in Mechanic St from the existing 6 inch, 1.25 psig plastic (2014) at #54 Mechanic St to the existing 6 inch, 1.25 psig plastic (2016) at #86 Mechanic St</p>	NG-GPP-4 line 120
1597650	Stoneham	4-22 DANBY RD, STO	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1130 feet of 4 inch, 25 psig bare steel (1962) with aprx 1130 feet of 4 inch, 25 psig plastic in Danby Rd from exst 4 inch, 25 psig plastic (2010) in Forest St to exst 6 inch, 25 psig bare steel (1965) in North St.</p>	NG-GPP-10 line 329

Street Segments from "Exhibit NG-GPP-15.xlsx"

Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
12023507	Stoneham	6-140 COLLINCOTE ST, STO	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 1455 feet of 6 inch, LP cast iron (1927/1956), aprx 245 feet of 4 inch, LP cast iron (1918), and aprx 10 feet of 4 inch, LP plastic (2020) with aprx 1710 feet of 6 inch, LP plastic in Collincote St from exst 6 inch, LP plastic (2020) at Elm St to end of main at #140 Collincote St. --> aprx 60 feet of 6 inch, LP cast iron (1927) with aprx 60 feet of 6 inch, LP plastic in Collincote St/Endicott Rd intersection from Collincote St to exst 6 inch, LP cast iron (1927) in Endicott Rd.	NG-GPP-4 line 83
14366115	Stoneham	75-87 SUMMER ST, STO, 107-117 FRANKLIN ST	As part of the BSMNRPL program, LPP Integrity Management recommends: --> the relay of aprx 405 feet of 6 inch, 25 psig bare steel (1967) - MSTO0016 RECLASSIFIED and aprx 10 feet of 6 inch, 25 psig plastic (2024) with aprx 415 feet of 6 inch, 25 psig plastic in Franklin St from exst 6 inch, 25 psig plastic (1998) at #117 Franklin St to Summer St. --> the relay of aprx 415 feet of 6 inch, 25 psig bare steel (1967) - MSTO0016 RECLASSIFIED with aprx 540 feet of 6 inch, 25 psig plastic in Summer St from Franklin St to #75 Summer St. --> the abandonment of aprx 435 feet of 4 inch, 2 psig cast iron (1913), aprx 100 feet of 6 inch, 2 psig cast iron (1915), and aprx 50 feet of 6 inch, 2 psig bare steel (1967) - MSTO0016 RECLASSIFIED in Summer St from Franklin St to #75 Summer St. Upgrade and transfer 2 psig services to new, 6 inch, 25 psig plastic main in Summer St.	NG-GPP-4 line 84
14458700	Stoneham	1-31 WASHINGTON ST, STO	As part of the CIRE101214 program, LPP Integrity Management recommends the relay of: --> aprx 950 feet of 12 inch, 25 psig cast iron (1924) with aprx 950 feet of 12 inch, 25 psig plastic in Washington St from exst 12 inch, 25 psig cast iron (1924) at Spring St to Pomeworth St. --> aprx 45 feet of 12 inch, 25 psig cast iron (1924) with aprx 45 feet of 12 inch, 25 psig plastic in Washington St/Pomeworth St intersection from Washington St to exst 12 inch, 25 psig cast iron (1924) in Pomeworth St.	NG-GPP-10 line 326
14932198	Sudbury	3-41 OLD MEADOW RD, SUD	As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of: --> aprx 1045 feet of 2 inch, 60 psig coated steel (1958) - DSUD9803 in Old Meadow Rd with aprx 655 feet of 4 inch, 60 psig plastic from Jarman Rd to Bent Rd and aprx 390 feet of 2 inch, 60 psig plastic from Bent Rd to the end of main at #41 Old Meadow Rd, and --> aprx 50 feet of 2 inch, 60 psig coated steel (1958) - DSUD9803 with aprx 50 feet of 2 inch, 60 psig plastic in the intersection of Bent Rd and Old Meadow Rd.	NG-GPP-4 line 118
14934629	Sudbury	193-277 CONCORD RD, SUD	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 2055 feet of 4 inch, 60 psig coated steel (1930 - NSUD0000), aprx 35 feet of 4 inch, 60 psig plastic (1998/2016), and aprx 5 feet of 6 inch, 60 psig plastic (1998) with aprx 2095 feet of 8 inch, 60 psig plastic in Concord Rd from exst 8 inch, 60 psig plastic (1998) at #277 Concord Rd to exst 8 inch, 60 psig plastic (installed under WO#1506583) at #193 Concord Rd, and --> aprx 30 feet of 2 inch, 60 psig coated steel (1955 - DSUD0087) with aprx 30 feet of 2 inch, 60 psig plastic at the Concord Rd / Pennymeadow Rd intersection	NG-GPP-10 line 460
1195675	Swampscot	324-443 ESSEX ST, SWA, &DUKE, EASTMAN, BRISTOL	As part of the CIMNRPL<10 Program, Main and Service Replacement recommends the relay of: --> 980 feet of 6 inch, 60 psig bare steel (1966) - DSWA0002 and 150 feet of 6 inch, LP cast iron (1896) - with aprx 1130 feet of 4 inch, 60 psig plastic in Essex/Stetson Av from Dory Wy to Eastman Av. Int at #355 Essex St. --> 110 feet of 6 inch, LP cast iron (1905) with aprx 110 feet of 2 inch, 60 psig plastic in Danvers Rd from Essex Av to end of main. --> 95 feet of 4 inch, LP cast iron (1913) and 290 feet of 2 inch, LP bare steel (1961) with aprx 385 feet of 2 inch, 60 psig plastic in Ryan Pl from Essex Av to end of main. --> 205 feet of 4 inch, LP plastic (2003) with aprx 205 feet of 2 inch, 60 psig plastic in Alvin Rd from Essex Av to end of main. --> 520 feet of 6 inch, LP plastic (2002) and 145 feet of 6 inch, LP cast iron (1905) and 110 feet of 4 inch, LP plastic (1984) and 700 feet of 6 inch, LP cast iron (1921/1928) and 85 feet of 4 inch, LP plastic (1986) with aprx 1560 feet of 4 inch, 60 psig plastic in Eastman Av from Essex Av to end of main. --> 540 feet of 6 inch, LP cast iron (1915) and 115 feet of 6 inch, LP bare steel (1959) and 55 feet of 4 inch, LP plastic (1980) with aprx 710 feet of 2 inch, 60 psig plastic in Fairview Av from Eastman to end of main. --> 265 feet 4 inch, LP cast iron (1905) and 120 feet of 4 inch, LP plastic (1987/2007) with aprx 385 feet of 2 inch, 60 psig plastic in Minerva St from Eastman Av to end of main	NG-GPP-4 line 17
13461612	Swampscot	141 - 298 HUMPHREY ST, SWA	As part of the CIMNRPL Program, LPP Integrity Management recommends the relay of: --> aprx 235 feet of 6 inch, LP bare steel (1956) - with aprx 235 feet of 8 inch, LP plastic in Redington St. from the int. of Humphrey St./Redington St. to the exst. 4 inch, LP cast iron (1896) at #23 Redington St. --> aprx 1250 feet of 4 inch, LP cast iron (1914) and 95 feet of 4 inch, LP plastic (1991/2004) - with aprx 1345 feet of 6 inch, LP plastic in Humphrey St. (on the odd side) from #134 Humphrey St. to #293 Humphrey St. --> aprx 1250 feet of 12 inch, LP psig cast iron (1914) - with aprx 1250 feet of LP, 8 inch plastic in Humphrey St. (on the even side) from #128 Humphrey St. to #304 Humphrey St.	NG-GPP-10 line 64

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
13503757	Swampscot	9-93 PINE ST, SWA & 1-23 RAILROAD AV	As part of the CIMNRPL Program, LPP Integrity Management recommends the relay of: --> aprx 125 feet of 6 inch, LP cast iron (1905) and 1525 feet of 4 inch, LP cast iron (1899/1895) and 10 feet of 4 inch, LP plastic (2005) - with aprx 1660 feet of 6 inch, LP plastic in Pine St. / Railroad Av. from exst. 6 inch, LP plastic (2005) at #199 Burrill St. to #29 New Ocean St. --> aprx 400 feet of 4 inch, LP cast iron (1911) - with aprx 400 feet of 6 inch, LP plastic in Huron St. from Pine St. / Huron St. int. to SWA / LYNN border --> aprx 40 feet of 4 inch, LP cast iron (1893) - with aprx 40 feet of 6 inch, LP plastic in Boynton St. from Pine St. / Boynton St. int. to #3 Boynton St. --> aprx 310 feet of 6 inch, LP cast iron (1925) and 5 feet of 6 inch, LP coated steel (1978 XSWA0000) - with aprx 315 feet of 6 inch, LP plastic in Erie St. from Pine St. / Erie St. int. to SWA / LYNN border	NG-GPP-10 line 67
13506341	Swampscot	1-67 SALEM ST, SWA	As part of the 2013 Cast Iron Replacement Program, Gas Main and Services recommends the relay of: --> aprx 830 Feet of 4 & 6 inch LP cast iron (1912) with aprox 6 inch plastic in Salem St from Humphrey St to # 67 Salem St.	NG-GPP-10 line 65
915958	Waltham	475-515 SOUTH ST, WAL	As part of the FY20/21 CIRE101214 Program, Main and Service Replacement recommends the relay of: --> aprx 540 feet of 10 inch, 2 psig cast iron (1916) with 8 inch, 2 psig plastic in South St from the exst 6 inch, 2 psig coated steel (1959) at Old South St to Sawyer Rd, and --> aprx 610 feet of 6 inch, 2 psig cast iron (1916) with 8 inch, 2 psig plastic in Sawyer Rd from South St to the exst 6 inch plastic at #51.	NG-GPP-10 line 436
1220131	Waltham	7-56 FELTON ST, WAL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: --> aprx 770 feet of 6 inch, LP cast iron (1914) and aprx 20 feet of 6 inch, LP plastic (2016) with aprx 790 feet of 8 inch, LP plastic in Felton St from Moody St to #56 Felton St, and --> aprx 15 feet of 4 inch, LP cast iron (1914) with aprx 15 feet of 4 inch, LP plastic in the intersection of Mechanic St and Felton St.	NG-GPP-4 line 111
1223781	Waltham	789-937 MAIN ST, WAL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends: In Main, North: --> relay aprx 1,460 feet of 8 inch, LP cast iron (1921), aprx 270 feet of 6 inch, LP cast iron (1916), aprx 275 feet of 4 inch, LP cast iron (1913/1916), aprx 15 feet of 4 inch, LP plastic (2012/2013), and aprx 50 feet of 8 inch, LP plastic (1992/2000/2004) and aprx 35 feet of 8 inch, LP plastic (2018) with aprx 2105 feet of 8 inch, LP plastic in north of Main St from the existing 8 inch, LP plastic (2013) at #775 Main St to the existing 8 inch, LP plastic (2016) at Banks St, In Main, South: --> abandon aprx 1,270 feet of 4 inch, LP cast iron (1912), aprx 435 feet of 6 inch, LP cast iron (1912/1916), aprx 215 feet of 6 inch, LP coated steel (1965/1966), aprx 55 feet of 5 inch, LP bare steel (1935), aprx 35 feet of 2 inch, LP wrought iron (1935), aprx 25 feet of 4 inch, LP plastic (2012/2021/2025), aprx 10 feet 4 inch, LP coated steel (1955) and aprx 20 feet of 6 inch, LP plastic (2019) in south of Main St from existing 8 inch, LP plastic at #775 Main St to #934 Main St, Side Streets, North: --> relay aprx 10 feet of 6 inch, LP plastic (1992) with aprx 10 feet of 8 inch, LP plastic in the intersection of Rich St and Main St, --> relay aprx 5 feet of 8 inch, LP plastic (2018) with aprx 5 feet of 8 inch, LP plastic in the intersection of Francis St and Main St, --> relay aprx 5 feet of 8 inch, LP plastic (2018) with aprx 5 feet of 6 inch, LP plastic in the intersection of Fiske St and Main St, --> relay aprx 20 feet of 8 inch, LP cast iron (1915) with aprx 20 feet of 8 inch, LP plastic at #821 Main St, --> relay aprx 10 feet of 6 inch, LP cast iron (1904) with aprx 10 feet of 8 inch, LP plastic in the intersection of Hammond St and Main St, --> relay aprx 25 feet of 3 inch, LP cast iron (1906) with aprx 25 feet of 6 inch, LP plastic in the intersection of Howard St and Main St, Side Streets, South: --> relay aprx 65 feet of 6 inch, LP cast iron (1921) and aprx 5 feet of 6 inch, LP coated steel (1966) with aprx 70 feet of 8 inch, LP plastic in the intersection of Main St and Prospect St, Jumpers: --> abandon aprx 35 feet of 6 inch, LP coated steel (1966) jumper across parallel cast iron mains at #841 Main St.	NG-GPP-4 line 112

		Street Segments from "Exhibit NG-GPP-15.xlsx"		
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1458391	Waltham	107-225 ADAMS ST, WAL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>-->aprx 600 feet of 6 inch, LP cast iron (1914) with aprx 600 feet of 6 inch, LP plastic in Cherry St from Crescent St to exst 6 inch, LP plastic at #48 Cherry St,</p> <p>-->abandon aprx 315 feet of 3 inch, LP cast iron (1906) in Adams St from Cherry St to Ash St,</p> <p>-->aprx 1180 feet of 3 inch, LP cast iron (1906), aprx 10 feet of 3 inch, LP plastic (2010) and aprx 25 feet of 6 inch, LP plastic (2009) with aprx 1215 feet of 6 inch, 60 psig plastic in Adams St from Ash St to Chester Av,</p> <p>-->aprx 235 feet of 4 inch, LP cast iron (1914) with aprx 235 feet of 4 inch, 60 psig plastic in Ash St from #28 Ash St to Adams St [cut and cap exst 4 inch, LP plastic], and</p> <p>-->aprx 605 feet of 3 inch, LP cast iron (1902), aprx 100 feet of 4 inch, LP plastic (2006), aprx 10 feet of 3 inch, LP coated steel (1977/1978)-UWAL0017 and aprx 50 feet of 3 inch, LP plastic (2003) with aprx 765 feet of 4 inch, 60 psig plastic in Robbins St from Crescent St to #64 Robbins St.</p>	NG-GPP-4 line 104
1507604	Waltham	82-145 SOUTH ST, WAL & 44-84 BEDFORD ST	<p>As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 590 feet of 12 inch, LP cast iron (1927) and aprx 660 feet of 6 inch, LP cast iron (1905) with aprx 1250 feet of 12 inch, LP plastic in South St from #53 South St to #145 South St,</p> <p>-->aprx 5 feet of 6 inch, LP cast iron (1925), aprx 15 feet of 8 inch, LP cast iron (1988) and aprx 35 feet of 16 inch, LP cast iron (1925) with aprx 15 feet of 12 inch, LP plastic in intersection of Charles St and South St,</p> <p>-->aprx 5 feet of 6 inch, LP cast iron (1905), aprx 40 feet of 4 inch and 6 inch, LP plastic (2019) and aprx 25 feet of 4 inch, LP plastic (2017) with aprx 70 feet of 8 inch, LP plastic in the intersection of Winthrop St and South St, and</p> <p>-->aprx 65 feet of 6 inch, LP cast iron (1923), aprx 300 feet of 3 inch, LP cast iron (1913), aprx 110 feet of 4 inch, LP cast iron (1913) and aprx 25 feet of 4 inch, LP plastic (2009) with aprx 500 feet of 6 inch, LP plastic in Bedford St from the exst 6 inch, LP plastic at #87 Bedford St to the exst 6 inch, LP plastic at #44 Bedford St.</p>	NG-GPP-4 line 113
1544865	Waltham	122-146 BACON ST, WAL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>-->aprx 420 feet of 4 inch, LP cast iron (1915), aprx 15 feet of 4 inch, LP coated steel (1963) -NWAL0000 and aprx 420 feet of 16 inch, cast iron (1926) with aprx 420 feet of 12 inch, LP plastic in Bacon St from #122 Bacon St to #146 Bacon St,</p> <p>-->aprx 25 feet of 4 inch, LP cast iron (1913) and aprx 390 feet of 6 inch, LP cast iron (1929) with aprx 415 feet of 6 inch, LP plastic in Athletic Field Rd from Bacon St to the exst 6 inch, LP coated steel - MWAL0008 at #45 Athletic Field Rd, and</p> <p>-->aprx 1155 feet of 6 inch, LP cast iron (1928) with aprx 1155 feet of 6 inch, LP plastic in Guinan St from Bacon St to Hammond St.</p>	NG-GPP-4 line 106

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1551239	Waltham	1-6200 STEARNS HILL RD, WAL	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends:</p> <p>-->the relay of aprx 245 feet of 2 inch, 60 psig coated steel (1969) with aprx 245 feet of 2 inch, 60 psig plastic in Stearns Hill Rd from #301 Stearns Hill Road to end of main at #304 Stearns Hill Rd. The installation of aprx 165 feet of 2 inch, 60 psig plastic to #101 Stearns Hill Rd, aprx 235 feet of 2 inch, 60 psig plastic to #201 Stearns Hill Rd, and aprx 210 feet of 2 inch, 60 psig plastic to #401 Stearns Hill Rd, from the end of main at #304 Stearns Hill Rd,</p> <p>--> the relay of aprx 5 feet of 8 inch, 60 psig plastic (1998), aprx 5 feet of 6 inch, 60 psig plastic (1998), aprx 10 feet of 4 inch, 60 psig plastic (1998), aprx 760 feet of 3 inch, 60 psig coated steel (1969), aprx 490 feet of 4 inch, 60 psig coated steel (1969), and aprx 40 feet of 2 inch, 60 psig coated steel (1970) with aprx 1310 feet of 4 inch, 60 psig plastic in Stearns Hill Rd from Lexington St to #4214 Stearns Hill Rd. The installation of aprx 430 feet of 2 inch, 60 psig plastic from Stearns Hill Rd, going north between #3101 and #2301 then going west to #3004 Stearns Hill Rd,</p> <p>--> the relay of aprx 140 feet of 2 inch, 60 psig coated steel (1970) with aprx 140 feet of 2 inch, 60 psig plastic in pathway between #3212 Stearns Hill Rd and #2001 off Stearns Hill Rd. The installation of aprx 205 feet of 2 inch, 60 psig plastic from the end of proposed main between #3212 and #2001 to between #1901 and #2101 Stearns Hill Rd,</p> <p>--> the relay of aprx 555 feet of 2 inch, 60 psig coated steel (1970) with aprx 555 feet of 2 inch, 60 psig plastic in Stearns Hill Rd going north between #1409 Stearns Hill Rd and #806 Stearns Hill Rd and west towards end of main at #2201 Stearns Hill Rd. The installation of aprx 270 feet of 2 inch, 60 psig plastic from #1301 Stearns Hill Rd to #1001 Stearns Hill Rd. The installation of aprx 135 feet of 2 inch, 60 psig plastic from Stearns Hill Rd between #2201 and #1301 Stearns Hill Rd to #2301 Stearns Hill Rd,</p> <p>--> the relay of aprx 1480 feet of 2 inch, 60 psig coated steel (1970) with aprx 1480 feet of 2 inch, 60 psig plastic in walkway between #1211 Stearns Hill Rd and #1107 Stearns Hill Rd towards rear of buildings and westward towards walkway between #2901 Stearns Hill Rd and #2806 Stearns Hill Rd and continues south west to #3404 Stearns Hill Rd and south onto roadway at #3203 Stearns Hill Rd. The installation of aprx 140 feet of 2 inch, 60 psig plastic from Stearns Hill Rd between #2401 and #1101 to #2501 Stearns Hill Rd. The installation of 105 feet of 2 inch, 60 psig plastic from Stearns Hill Rd between #2601 and #3401 to #2507 Stearns Hill Rd. The installation of aprx 115 feet of 2 inch, 60 psig plastic from #2801 to #2901 Stearns Hill Rd,</p> <p>--> the relay of aprx 540 feet of 2 inch, 60 psig coated steel (1970) and aprx 50 feet of 2 inch, 60 psig plastic (2022) with aprx 590 feet of 2 inch, 60 psig plastic in walkway going west between #4411 Stearns Hill Rd and #4214 Stearns Hill Rd and down driveway south of #4101 Stearns Hill Rd to end of main at #4501 Stearns Hill Rd. The installation of aprx 280 feet of 2 inch, 60 psig plastic going north behind #4101 and continuing east to #4201 Stearns Hill Rd. The installation of aprx 115 feet of 2 inch, 60 psig plastic from between #4501 and #4301 to #4601 Stearns Hill Rd. The installation of aprx 65 feet of 2 inch, 60 psig plastic from end of main at #4501 to behind #5301 Stearns Hill Rd,</p> <p>--> the relay of aprx 1320 feet of 2 inch, 60 psig coated steel (1970) with aprx 1320 feet of 2 inch, 60 psig plastic in Stearns Hill Rd from #4214 Stearns Hill Rd towards #6207 Stearns Hill Rd continuing around and over the hill looping Rd to #3801 Stearns Hill Rd. The installation of aprx 160 feet of 2 inch, 60 psig plastic between #5701 and #5801 Stearns Hill Rd and the installation of aprx 215 feet of 2 inch, 60 psig plastic between #5701 and #6001 Stearns Hill Rd to Bldg #57 from Stearns Hill Rd. The installation of aprx 570 feet of 2 inch, 60 psig plastic from Stearns Hill Rd between #5601 and #5501, continuing behind building #5101 to #4801 Stearns Hill Rd,</p> <p>--> the relay of aprx 580 feet of 2 inch, 60 psig coated steel (1970) with aprx 580 feet of 2 inch, 60 psig plastic in Stearns Hill Rd from #3801 Stearns Hill Rd around and down driveway to #4106 Stearns Hill Rd. The installation of 180 feet of 2 inch, 60 psig plastic from Stearns Hill Rd between #4801 to #4001 to #4002 Stearns Hill Rd,</p> <p>--> the relay of aprx 715 feet of 2 inch, 60 psig coated steel (1970) with aprx 715 feet of 2 inch, 60 psig plastic in path between #3801 Stearns Hill Rd and #5004 Stearns Hill Rd towards #3601 Stearns Hill Rd and around roadway towards #3715 Stearns Hill Rd. The installation of aprx 290 feet of 2 inch, 60 psig plastic from #3601 to between #1701 and #1601 Stearns Hill Rd, and</p> <p>--> the relay of aprx 500 feet of 2 inch, 60 psig coated steel (1970) with aprx 500 feet of 2 inch, 60 psig plastic in walkway between buildings towards #2312 Stearns Hill Rd.</p>	NG-GPP-4 line 107
1567947	Waltham	1-106 CHURCH ST, WAL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>-->aprx 1270 feet of 4 inch, LP cast iron (1914), aprx 30 feet of 4 inch, LP plastic (2003), aprx 20 feet of 4 inch, LP plastic (2004) and aprx 10 feet of 4 inch, LP plastic (2006) with aprx 1330 feet of 8 inch, LP plastic in Church St from #106 Church St to Main St,</p> <p>--> aprx 480 feet of 8 inch, LP cast iron (1916) with aprx 215 feet of 8 inch, LP plastic in Park Pl from #23 Church St to School St,</p> <p>--> aprx 215 feet of 6 inch, LP cast iron (1929) and aprx 215 feet of 3 inch, LP cast iron (1922) with aprx 430 feet of 6 inch, LP plastic in Orchard Av from Church St to Warren Av, and</p> <p>--> aprx 170 feet of 8 inch, LP cast iron (1928), aprx 10 feet of 8 inch, LP plastic (2012) and aprx 185 feet of 6 inch, LP cast iron (1915) with aprx 365 feet of 8 inch, LP plastic in School St from #70 School St to #101 School St.</p>	NG-GPP-4 line 105

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
12133925	Waltham	441-540 LINCOLN ST, WAL & 1-35 HIBISCUS AV	As part of the CIRE101214 Program, LPP Integrity Management recommends: -->the CISBOT seal of aprx 1030 feet of 12 inch, LP cast iron (1929) (86 joints) in Lincoln St from #540 Lincoln St to #441 Lincoln St, and -->the relay of aprx 20 feet of 6 inch, LP plastic (2018), aprx 465 feet of 6 inch, LP cast iron (1929) and aprx 15 feet of 6 inch, LP coated steel (1965) NWAL0000 with aprx 500 feet of 6 inch, LP plastic in Hibiscus Av from Lincoln St to Lake St.	NG-GPP-4 line 108
12150614	Waltham	6-162 MASSASOIT ST, WAL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends: --> the relay of aprx 75 feet of 8 inch, LP cast iron (1928) with aprx 65 feet of 8 inch, LP plastic and aprx 10 feet of 8 inch, LP coated steel in the intersection of Bright St and Massasoit St, --> the relay of aprx 170 feet of 12 inch, LP cast iron (1928), aprx 85 feet of 12 inch, LP coated steel (1963) - NWAL0000 with aprx 255 feet of 12 inch, LP plastic in Massasoit St from #6 Massasoit St to the existing 12 inch, LP cast iron (1928) near #384 Main St east of the railroad tracks, --> the relay of aprx 50 feet of 8 inch, LP cast iron (1928), aprx 15 feet of 4 inch, LP plastic (2011), aprx 1230 feet of 4 inch, LP cast iron (1908) and aprx 5 feet of 4 inch, LP coated steel (1979) - XWAL0000 with aprx 1290 feet of 6 inch, LP plastic and aprx 10 feet of 6 inch, LP coated steel in Massasoit St from the existing 12 inch, LP cast iron (1928) near #384 Main St at the railroad tracks to Grove St, --> the relay of aprx 45 feet of 4 inch, LP cast iron (1914) with aprx 45 feet of 6 inch, LP plastic in Massasoit Ct at the intersection of Massasoit Ct and Massasoit St, --> the relay of aprx 10 feet of 4 inch, LP cast iron (1908) with aprx 10 feet of 6 inch, LP plastic in Centre St at the intersection of Centre St and Massasoit St, --> the relay of aprx 825 feet of 6 inch, LP plastic (1979) with aprx 825 feet of 6 inch, LP plastic in Grove St from Massasoit St to Newton St, --> the installation of aprx 185 feet of 4 inch, LP plastic from Grove St to #62 Newton St (relay branch services as individual services off the new 4 inch, LP plastic main), and --> the installation of aprx 180 feet of 4 inch, LP plastic from Grove St to #326-340 Grove St (relay branch services as individual services off the new 4 inch, LP plastic main).	NG-GPP-4 line 110
12203683	Waltham	55-215 FELTON ST, WAL, WILLIAMS ST & FOUNTAIN ST	As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of: -->aprx 750 feet of 12 inch, LP cast iron (1925), aprx 1265 feet of 6 inch, LP cast iron (1914), aprx 255 feet of 4 inch, LP cast iron (1914), aprx 20 feet of 6 inch, LP coated steel (1957) - NWAL0000, aprx 20 feet of 6 inch, LP coated steel (1978) & 6" MWAL0071, and aprx 30 feet of 6 inch, LP bare steel (1943) with aprx 2050 feet of 8 inch, LP plastic in Felton St from Water St to Prospect St, -->aprx 25 feet of 4 inch, LP cast iron (1914) with aprx 25 feet of 6 inch, LP plastic in the intersection of Water St and Felton St, -->aprx 30 feet of 4 inch, LP cast iron (1914) with aprx 30 feet of 6 inch, LP plastic in the intersection of Fountain St Felton St , -->aprx 350 feet of 6 inch, LP cast iron (1914), aprx 20 feet 6 inch, LP plastic (2020), aprx 25 feet of 6 inch, LP coated steel (1956)-NWAL0000 with aprx 395 feet of 6 inch, LP plastic in Williams St from Charles St to Felton St, -->aprx 15 feet of 6 inch, LP cast iron (1914) with aprx 15 feet of 6 inch, LP plastic in the intersection of Williams St (South) and Felton St, -->aprx 60 feet of 4 inch, LP cast iron (1900/1929) and aprx 10 feet of 4 inch, LP plastic (2010) with aprx 70 feet of 6 inch, LP plastic in the intersection of Felton St and Harvard St, -->aprx 15 feet of 6 inch, LP cast iron (1952) with aprx 15 feet of 6 inch, LP plastic in the intersection of Browns Av and Felton St, and -->aprx 20 feet of 6 inch, LP cast iron (1924) with aprx 20 feet of 6 inch, LP plastic in the intersection of Fern St and Felton St.	NG-GPP-4 line 109
14440194	Waltham	60-122 BACON ST, WAL	As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of: -->aprx 30 feet of 6 inch, LP plastic (2020), aprx 760 feet of 6 inch, LP cast iron (1915), and aprx 785 feet of 16 inch, cast iron (1926) with aprx 785 feet of 12 inch, LP plastic in Bacon St from the bike path at #115 Bacon St to School St, -->aprx 465 feet of 6 inch, LP cast iron (1928) with aprx 465 feet of 6 inch, LP plastic in Emery St from Bacon St to Castle St, and -->aprx 40 feet of 4 inch, LP cast iron (1913) with aprx 40 feet of 6 inch, LP plastic in the intersection of Pond St and Bacon St.	NG-GPP-10 line 438

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
13134150	Warren	717-764 MAIN ST, WAR	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the:</p> <p>--> relay of aprx 620 feet of 2 and 4 inch, 15 psig bare steel (1958/1966) with aprx 620 feet of 4 inch, 15 psig plastic in Main St from the existing 4 inch, 15 psig plastic (2005) at #764 Main St to the end of main at #717 Main St, and</p> <p>--> abandonment of aprx 130 feet of 2 inch, 15 psig bare steel (1958) off Main St running parallel to the west end of #764 Main St. Ensure no services are fed from this main.</p> <p>Note: Docuware main cards and service card for #750 indicate that main is 4-inch from #784 to the intersection with the driveway to #750, and 2-inch thereafter to end of main. ArcGIS shows the entire stretch of main as 2-inch.</p>	NG-GPP-4 line 121
764475	Watertown	294-414 PLEASANT ST, WAT	<p>As part of the CIRE101214 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 3300 feet of 12 inch, 22 psig cast iron (1921/1928) with aprx 3300 feet of 12 inch, 22 psig plastic in Pleasant St from Myrtle St to Bridge St.</p>	NG-GPP-10 line 448
14902136	Wayland	24-70 SCHOOL ST, WAY	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1100 feet of 2 inch, 60 psig coated steel (1930/1940 - IWAY0001- RECLASSED CY25), aprx 115 feet of 2 inch, 60 psig plastic (2025), and aprx 150 feet of 2 inch, 60 psig coated steel (1959 - DWAY0058), with aprx 1365 feet of 2 inch, 60 psig plastic in School St from the existing 2 inch, 60 psig coated steel (1930 - IWAY0001) in E Plain St to the existing 2 inch, 60 psig coated steel (1962 - DWAY0058) in Gregory Ln.</p>	NG-GPP-4 line 119
14935011	Wayland	3-35 SNAKE BROOK RD, WAY	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1810 feet of 2 inch, 60 psig coated steel (1954 - DWAY0025) with aprx 1810 feet of 2 inch, 60 psig plastic in Snake Brook Rd from the existing 4 inch, 60 psig coated steel (1954) - DWAY0025 in Old Tavern Rd to the existing 2 inch, 60 psig coated steel (1954) - DWAY0025 in Dean Rd.</p>	NG-GPP-10 line 463
1411572	Wellesley	4-84 LINDEN ST, WEL, & 1-31 CURVE ST	<p>Field Ops Request - As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1160 feet of 8 inch, 2 psig cast iron (1908) with aprx 1160 feet of 8 inch, 2 psig plastic in Linden St from Weston Rd to the exst 12 inch, 2 psig plastic at Howe St,</p> <p>--> aprx 165 feet of 1.5 inch, 2 psig branch service piping with aprx 165 feet of 4 inch, 2 psig plastic in #32-36 Linden St,</p> <p>--> aprx 35 feet of 6 inch, 2 psig cast iron (1927) and aprx 40 feet of 4 inch, 2 psig plastic (2010) with aprx 75 feet of 4 inch, 2 psig plastic to #50 Linden St,</p> <p>--> aprx 310 feet of 2 inch, 2 psig branch service piping with aprx 310 feet of 4 inch, 2 psig plastic to #35-45 Linden St,</p> <p>--> aprx 280 feet of 2 inch, 2 psig branch service piping with aprx 280 feet of 4 inch, 2 psig plastic to #63-71 Linden St, and</p> <p>--> aprx 400 feet of 4 inch, 2 psig cast iron (1910) with aprx 400 feet of 6 inch, 2 psig plastic in Curve St from Linden St to the exst 6 inch, 2 psig plastic at Howe St.</p>	NG-GPP-4 line 116
1425751	Wellesley	1-98 ATWOOD ST, WEL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1490 feet of 6 inch, 2 psig cast iron (1915/1923) with aprx 1490 feet of 6 inch, 2 psig plastic in Atwood St from State St to Wellesley Av,</p> <p>--> aprx 40 feet of 6 inch, 2 psig cast iron (1915) with aprx 40 feet of 6 inch, 2 psig plastic in the intersection of Sessions St and Atwood St, and</p> <p>--> aprx 410 feet of 6 inch, 2 psig cast iron (1915/1927) with aprx 410 feet of 6 inch, 2 psig plastic in Morton St from #8 Morton St to #49 Morton St.</p>	NG-GPP-4 line 115
12993177	Wellesley	1- 11 HARDY RD, WEL	<p>As part of the CIMNRPL<10 Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 330 feet of 6 inch, 2 psig cast iron (1927) with aprx 330 feet of 6 inch, 2 psig plastic in Hardy Rd.</p>	NG-GPP-4 line 114
14986298	West Brookfield	56-86 WICKABOAG VALLEY RD, WBR, & COUNCIL GROVE AV	<p>As part of the BSMNRPL program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 1395 feet of 2 inch, 58 psig bare steel (1963) with aprx 1395 feet of 2 inch, 58 psig plastic in Wickaboag Valley Rd from Birch Hill Rd to Council Grove Av,</p> <p>--> aprx 800 feet of 2 inch, 58 psig bare steel (1963/1964) with aprx 800 feet of 2 inch, 58 psig plastic in Council Grove Av from Wickaboag Valley Rd to Rodman St, and</p> <p>--> aprx 220 feet of 2 inch, 58 psig bare steel (1964) with aprx 220 feet of 2 inch, 58 psig plastic in Oak Dr from Council Grove Av to the existing 2 inch, 58 psig plastic (2005) at #9 Oak Dr.</p>	NG-GPP-10 line 472
1616209	West Roxbury	99-141 SALMAN ST, WRO	<p>As part of the BSMNRPL Program, LPP Integrity Management recommends the relay of:</p> <p>--> aprx 520 feet of 4 inch, LP coated steel (1960) (DWRO0097/DWRO0065), aprx 35 feet of 6 inch, LP coated steel (1961) (DWRO0097), and aprx 20 feet of 4 inch, LP plastic (2003/2012) with aprx 575 feet of 6 inch, LP plastic in Salman St from the existing 6 inch, LP plastic (2012) in Stimson St to Crosstown Av.</p>	NG-GPP-4 line 40

Street Segments from "Exhibit NG-GPP-15.xlsx"				
Work Order Number (WONUM)	Town	Description	Specific Street Segments	Reference
1428946	Weymouth	1545-1673 COMMERCIAL ST, WEY	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 1425 feet of 6 inch, 60 psig bare steel (1911), aprx 45 feet of 6 inch, 60 psig plastic (2009/2016/2019) and aprx 5 feet of 6 inch, 60 psig coated steel (1979 - UWEY0063) with aprx 1475 of 6 inch, 60 psig plastic from the existing 6 inch, 60 psig coated steel (1974 - MWEY0052) near the Hill St / Commercial St intersection to the existing 6 inch, 60 psig plastic (2006) at #1671 Commercial St, and --> aprx 10 feet of 2 inch, 60 psig coated steel (1969 - DWEY0154) and aprx 10 feet of 2 inch, 60 psig plastic (2019) with aprx 20 feet of 2 inch, 60 psig plastic at the Commercial St / Hwakins St intersection.	NG-GPP-4 line 52
1516034	Weymouth	15-273 RALPH TALBOT ST, WEY	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> 1300 feet of 4 inch, 60 psig coated steel (1952) - DWEY0242, 25 feet of 4 inch, 60 psig plastic (1989/2009/2025) and aprx 2095 feet of 4 inch, 60 psig bare steel (1947) with aprx 3420 feet of 6 inch, 60 psig plastic in Ralph Talbot St from Pleasant St to the existing 4 inch, 60 psig plastic (2005) at #273 Ralph Talbot St..	NG-GPP-4 line 51
14425503	Weymouth	448-655 UNION ST, WEY, PRESCOTT ST	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 2655 feet of 8 inch, 60 psig bare steel (1911) and aprx 10 feet of 8 inch, 60 psig plastic (2010) with aprx 2665 feet of 12 inch, 60 psig plastic in Union St from the existing 8 inch, 60 psig coated steel (1976) - MWEY0098 at #457 Union St to the existing 8 inch, 60 psig coated steel (1960) - MWEY0137 at #645 Union St, --> aprx 530 feet of 2 inch, 60 psig bare steel (1929/1938/1947) and aprx 5 feet of 2 inch, 60 psig plastic (1978) with aprx 535 feet of 2 inch, 60 psig plastic in Prescott St from Union St to the existing 2 inch, 60 psig plastic (2002) at #44 Prescott St, --> aprx 25 feet of 2 inch, 60 psig coated steel (1966) - DWEY0020 with aprx 25 feet of 2 inch, 60 psig plastic at the Atlanta St - Prescott St intersection, --> aprx 10 feet of 1.5 inch, 60 psig bare steel (1930) and aprx 10 feet of 2 inch, 60 psig plastic (1978) with aprx 20 feet of 2 inch, 60 psig plastic at the Prescott St - Dolphin St intersection, --> aprx 40 feet of 2 inch, 60 psig coated steel (1967) - DWEY0206 with aprx 40 feet of 2 inch, 60 psig plastic at the Union St - Marie Av intersection, and --> aprx 20 feet of 1.5 inch, 60 psig bare steel (1925) with aprx 20 feet of 2 inch, 60 psig plastic at the intersection of Union St and the right of way running in between #624 and #634 Union St.	NG-GPP-4 line 53
9684857	Winchester	8-85 OAK ST, WNC, HOLLAND ST, NELSON ST	As part of the CIMNRPL<10 program, LPP Integrity Management recommends: --> the relay of aprx 1275 feet of 4 inch, LP cast iron (1911) with aprx 1275 feet of 4 inch, 25 psig plastic in Oak St from Washington St to end of main at #85 Oak St. (Connection to exst 4 inch, 25 psig plastic (2010) in Spruce St). --> the relay of aprx 840 feet of 4 inch, LP cast iron (1924) and 20 feet of 4 inch, LP plastic (2014) with aprx 860 feet of 4 inch, 25 psig plastic in Holland St from Swanton St to end of main at #70 Holland St. --> the relay of aprx 595 feet of 4 inch, LP cast iron (1916) with aprx 595 feet of 4 inch, 25 psig plastic in Nelson St from Oak St to end of main at # 50 Nelson St. --> the abandonment of aprx 550 feet of 4 inch, LP cast iron (1924) and 225 feet of 4 inch, LP bare steel (1955) in Spruce St from end of main at #3 Spruce St to end of main at #51 Spruce St. Upgrade and transfer all services to exst parallel 4 inch, 25 psig plastic (2010) main.	NG-GPP-4 line 85
1425279	Winthrop	146-242 LINCOLN ST, WNT, 100-160 HERMON, CENTRE ST	As part of the CIMNRPL<10 program, LPP Integrity Management recommends the relay of: --> aprx 1135 feet of 4 inch, LP cast iron (1901) and 50 feet of 4 inch, LP plastic (1992/1994/2016) with aprx 1185 feet of 6 inch, LP plastic in Lincoln St from exst 6 inch, LP plastic (2012) at Walden St to exst 8 inch, LP plastic (2016) in Winthrop St. --> aprx 550 feet of 4 inch LP cast iron (1901) with aprx 550 feet of 6 inch, LP plastic in Hermon St from Lincoln St to exst 4 inch, LP cast iron (1901) at Atlantic St. --> aprx 910 feet of 4 inch, LP cast iron (1903) with aprx 910 feet of 6 inch, LP plastic in Centre St from Hermon St to exst 8 inch, LP plastic (2016) in Winthrop St.	NG-GPP-10 line 343
1516207	Woburn	100-131 PINE ST, WOB, 1-30 CENTRAL ST, PERRY ST	As part of the BSMNRPL program, LPP Integrity Management recommends the relay of: --> aprx 730 feet of 3 inch, 2 psig bare steel (1925), aprx 15 feet of 3 inch, 2 psig plastic (2012), and aprx 5 feet of 4 inch, 2 psig plastic (2012) with aprx 750 feet of 6 inch, 2 psig plastic in Pine St from exst 6 inch, 2 psig plastic (2012) at #100 Pine St to exst 4 inch, 2 psig plastic (1998) at Washington Cir. --> aprx 745 feet of 3 inch, 2 psig wrought iron (1927), aprx 100 feet of 3 inch, 2 psig bare steel (1951), aprx 20 feet of 3 inch, 2 psig plastic (1998), and aprx 5 feet of 4 inch, 2 psig plastic (2008) with aprx 870 feet of 6 inch, 2 psig plastic in Central St from exst 8 inch, 2 psig plastic (2008) at Utica St to Pine St. --> aprx 110 feet of 4 inch, 2 psig bare steel (1951) with aprx 110 feet of 6 inch, 2 psig plastic in Orange St from Central St to #35 Orange St. --> aprx 30 feet of 4 inch, 2 psig cast iron (1927) with aprx 30 feet of 6 inch, 2 psig plastic in Orange St from exst 4 inch, 2 psig cast iron (1927) at #36 Orange St to exst 4 inch, 2 psig plastic (2005) at #35 Orange St. --> aprx 145 feet of 3 inch, 2 psig coated steel (1962) - DWOB0033 and aprx 5 feet of 2 inch, 2 psig plastic (2012) with aprx 150 feet of 4 inch, 2 psig plastic in Perry St from Pine St to end of main at #2 Perry St.	NG-GPP-4 line 86