

#153-13

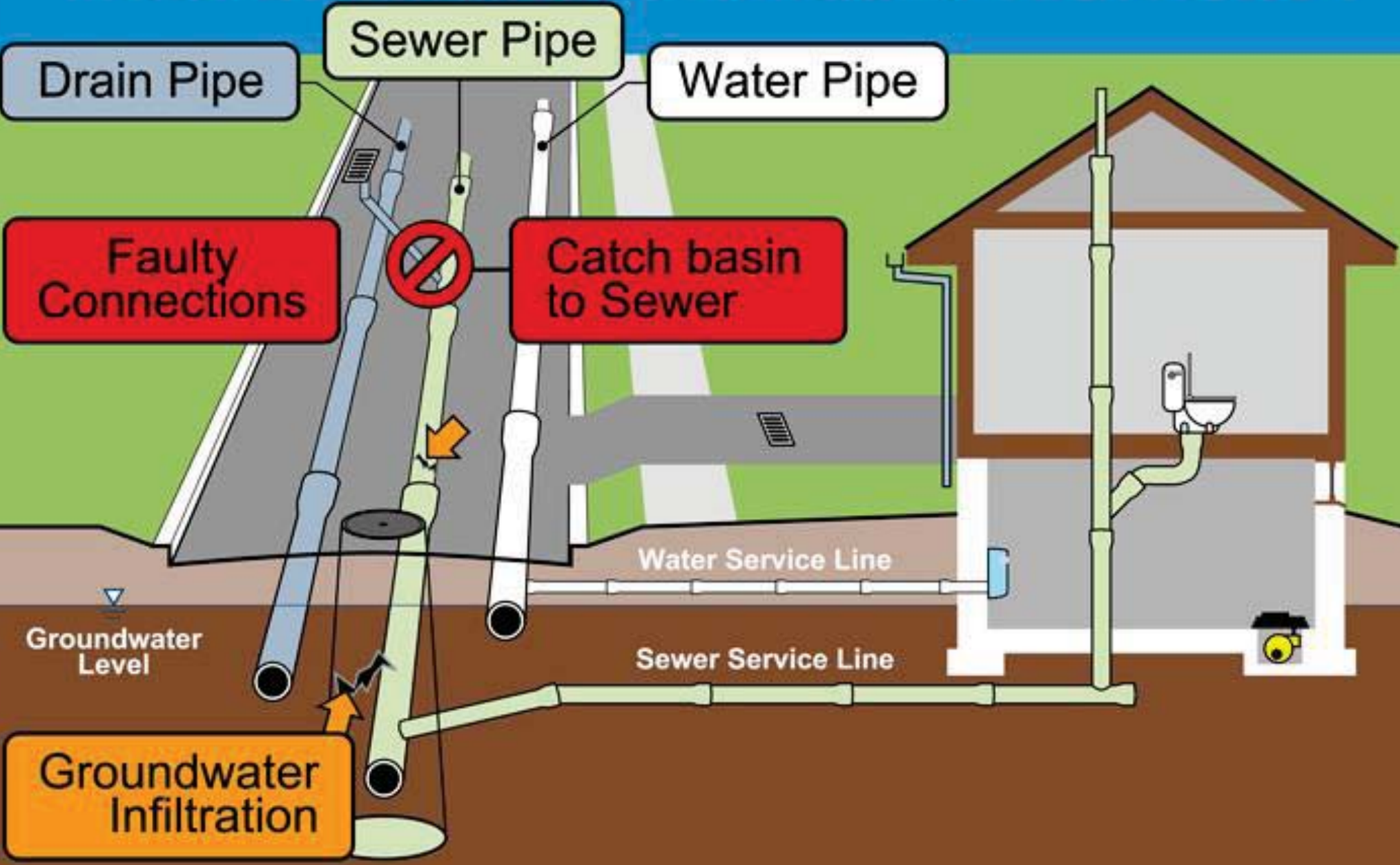
#131-13

Water, Sewer and Stormwater Infrastructure

Overview

December 4, 2013

Public Infiltration/Inflow Sources



#153-13

#131-13

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Goals of Sewer Work

- **Remove superfluous water sources: which increase costs by MWRA**
- **Improve Sewer System Performance**
- **Update Aging Infrastructure: reduce costly emergency repairs**
- **Reduce Energy Consumption**

#153-13

#131-13



Joint Infiltration

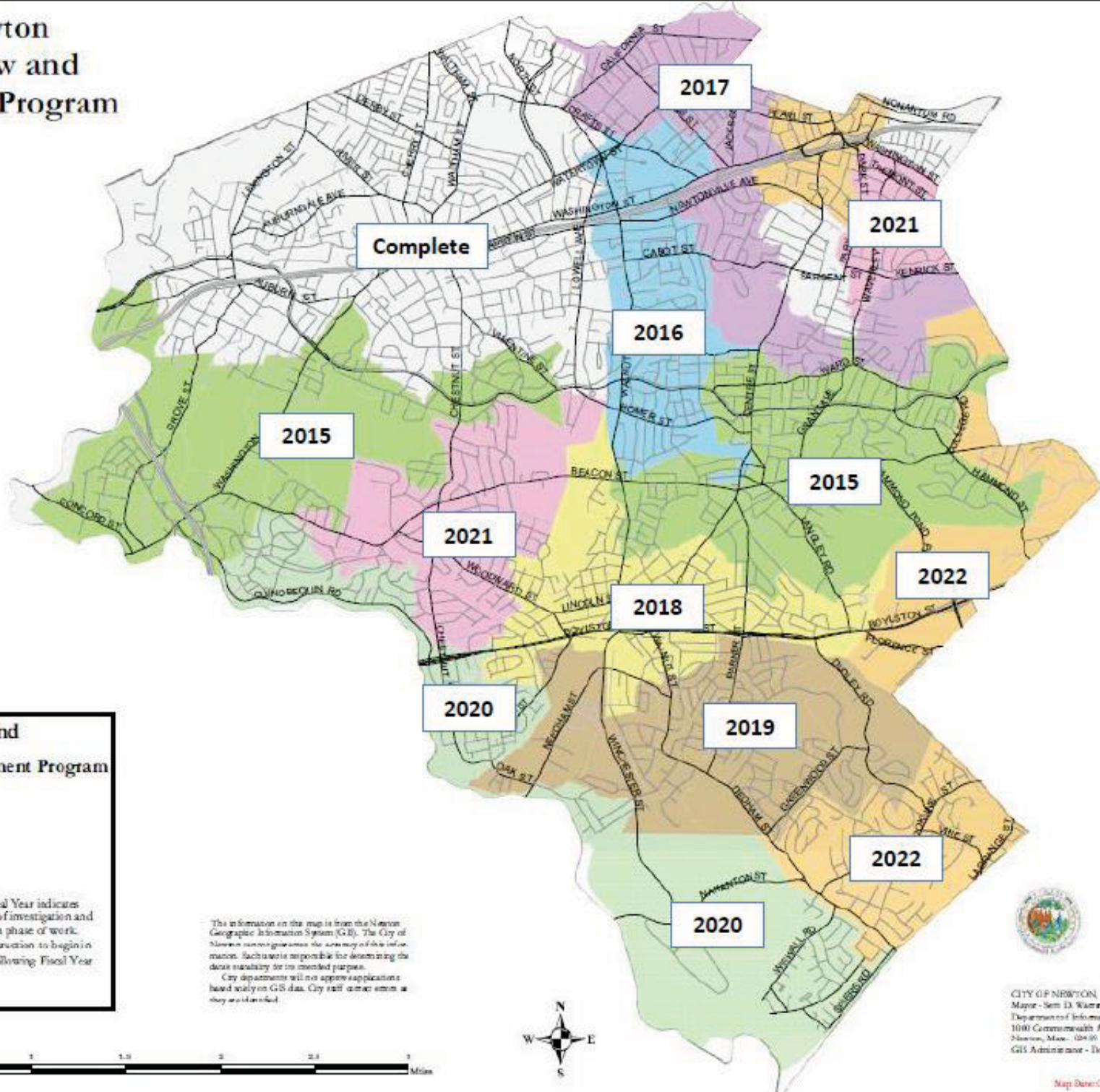
BEFORE MAINTENANCE

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AFTER MAINTENANCE

City of Newton Sewer Inflow and Infiltration Program 2015-2022

#153-13
#131-13



Legend

Capital Improvement Program

Fiscal Year*

- 2015
- 2016
- 2017
- 2018
- 2019
- 2020
- 2021
- 2022

* Fiscal Year indicates start of investigation and design phase of work. Construction to begin in the following Fiscal Year.

This information on the map is from the Newton Geographic Information System (GIS). The City of Newton cannot guarantee the accuracy of this information. Each user is responsible for determining the data suitability for its intended purpose. City departments will not approve applications based solely on GIS data. City staff cannot enter a street name if it is not identified.



CITY OF NEWTON, MASSACHUSETTS
Mayor - Sam D. Warner
Department of Information Technology
100 Commonwealth Avenue
Newton, Mass. 02459
GIS Administrator - Douglas Greenfield

Map Date: October 16, 2015

Goals of Water Work

- **Fire Flow: affects public safety and insurance rates**
- **Lining of unlined cast iron pipe to improve water quality**
- **Water storage tank analysis**
- **Coordination with roadwork**

Water Quality degradation



Fire Flow Restriction

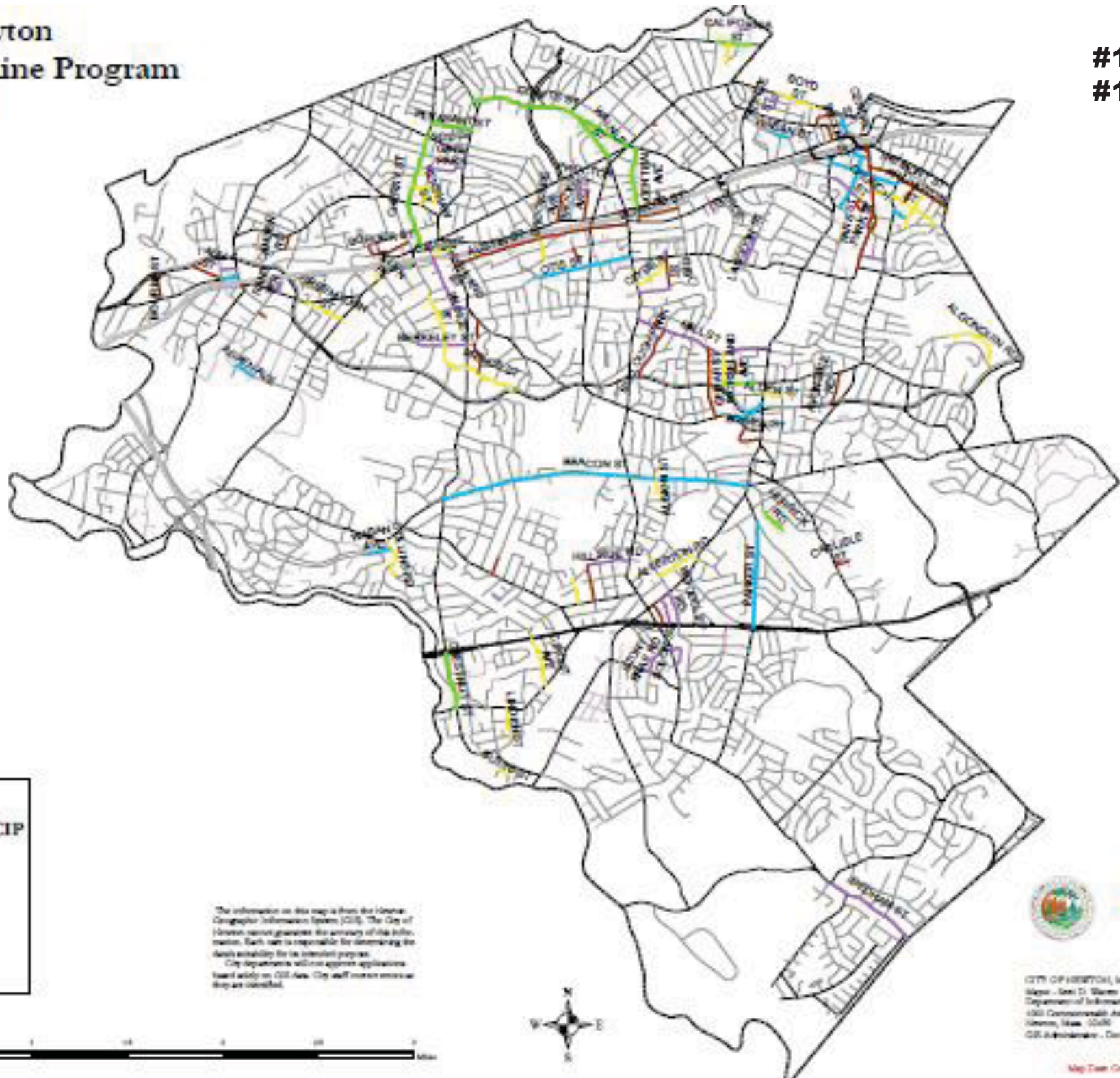
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City of Newton
Water Pipeline Program
2015 - 2019

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#131-13



Legend

Water Pipelines CIP

Fiscal Year

- 2015
- 2016
- 2017
- 2018
- 2019

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CITY OF NEWTON, MASSACHUSETTS
 Mayor - Scott D. Warren
 Department of Information Technology
 100 Commonwealth Avenue
 Newton, Mass. 02459
 GIS Administrator - Douglas Greenfield

Map Date: October 14, 2014

Goals of Stormwater Work

- **Conduct an assessment to develop a Capital Program to maintain drain system**
- **Development of Stormwater Pollution Prevention Plan**
- **Update Stormwater Management Plan**
- **Reevaluate Stormwater Fee**

Sewer Enterprise Budget

