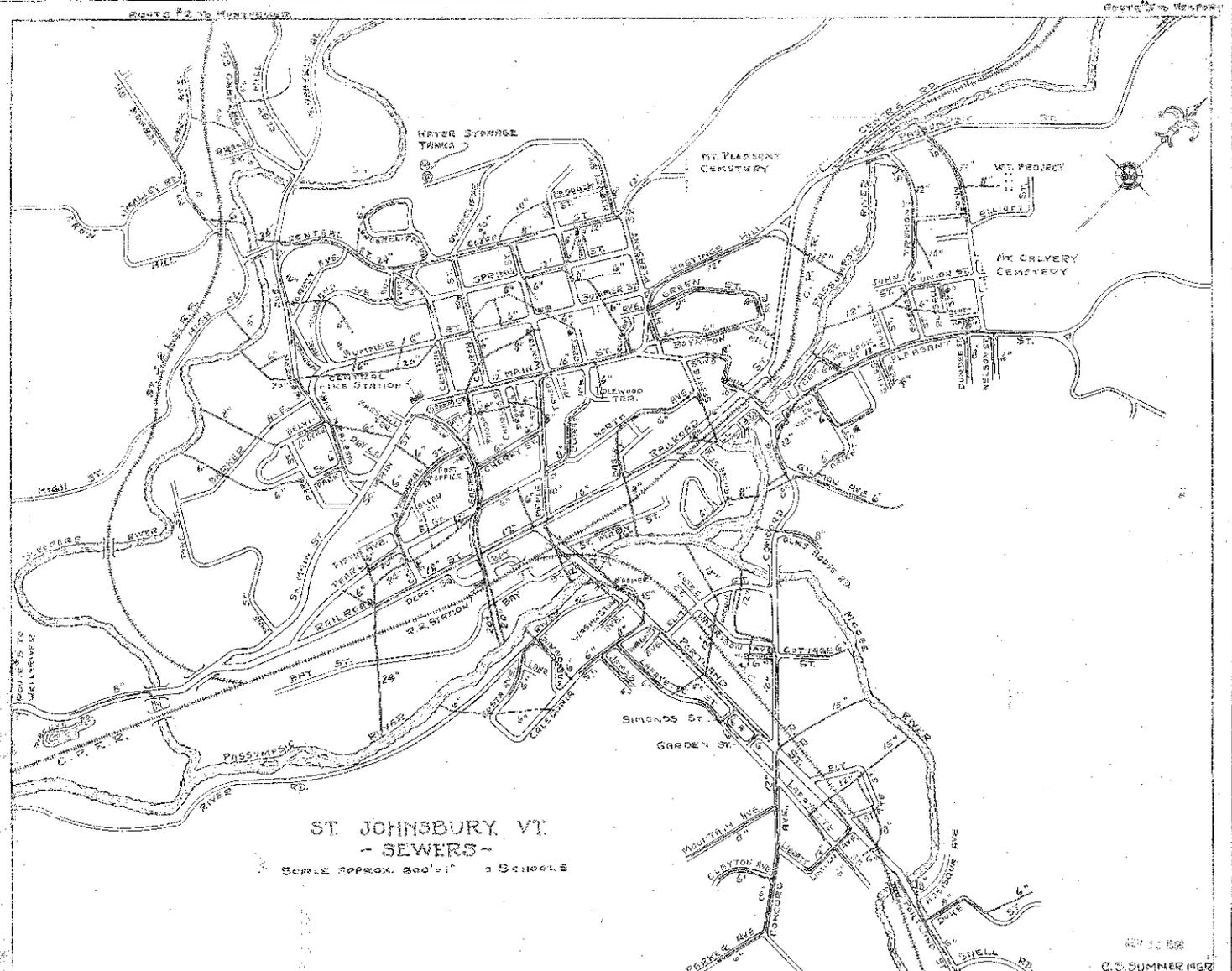


The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered in the middle of the slide.

# **COMBINED SEWER ABATEMENT PROJECT**

TOWN OF ST. JOHNSBURY, VERMONT

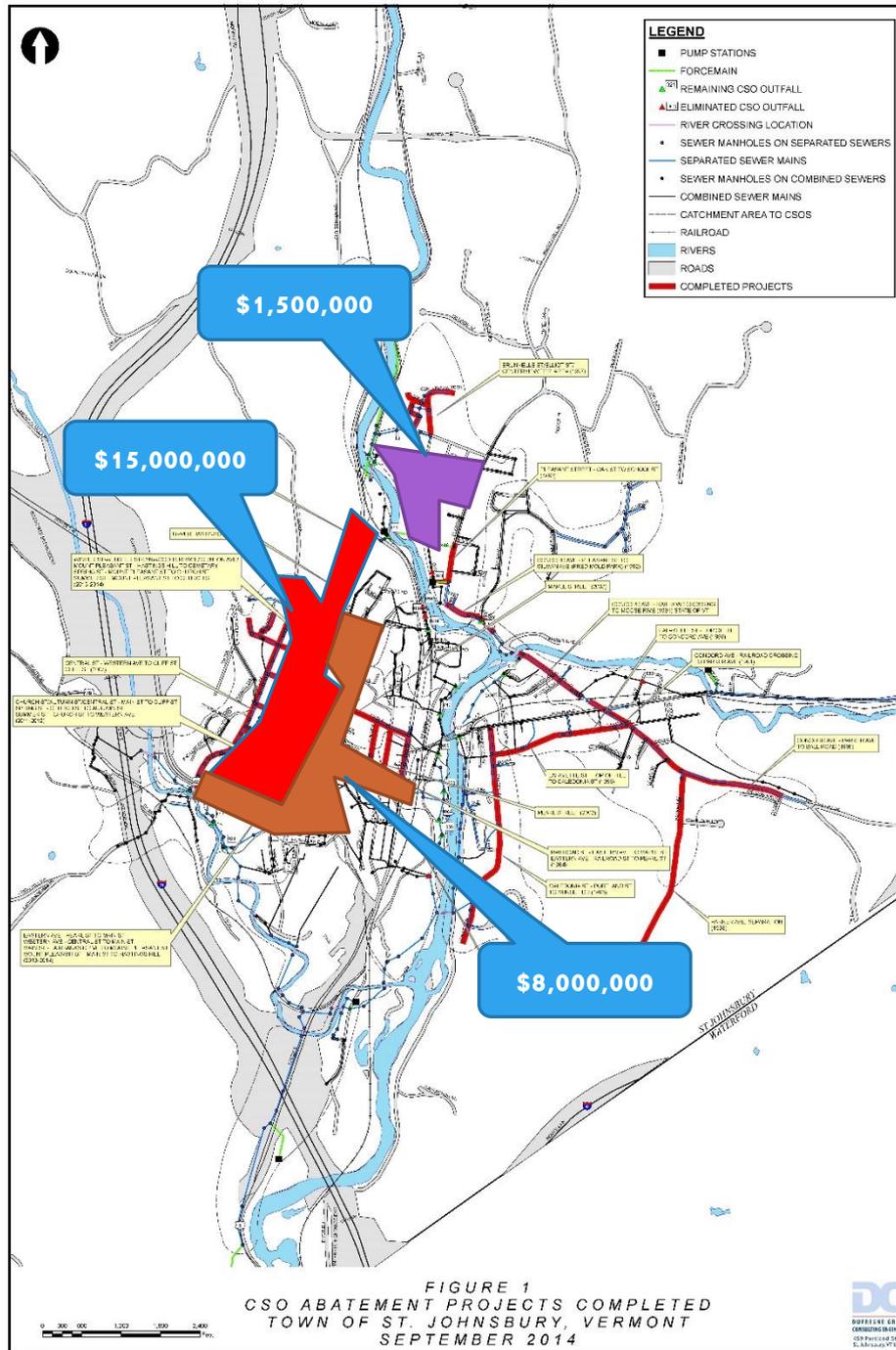
# HISTORY



- 1980S THE TOWN HAD 28 OVERFLOW LOCATIONS.
- 1984 THE TOWN BEGAN WORKING ON COMBINED SEWER SEPARATION WITH THE RAILROAD STREET PROJECT.
- JANUARY 1993 MODELING REPORT COMPLETED BY MOFFA AND ASSOCIATES.
- APRIL 1993 CSO ABATEMENT REPORT BY WHITMAN AND HOWARD RECOMMENDS A COMBINATION OF END OF PIPE TREATMENT SEPARATION ESTIMATED TO COST \$16,300,000.
- THIS REPORT WAS REJECTED AND A REVISED REPORT RECOMMENDING COMPLETE SEPARATION WAS ISSUED IN OCTOBER OF 1993 WITH AN ESTIMATED COST OF \$19,000,000.

- 1993 COSTS IN 2018 DOLLARS = \$33,150,000.
- ASSUMPTIONS WERE THAT EXISTING COMBINED SEWERS COULD BE REUSED AND WOULD ONLY BE REQUIRED TO CONSTRUCT NEW STORM SEWER SYSTEMS IN MOST AREAS- PROVEN TO BE UNTRUE.





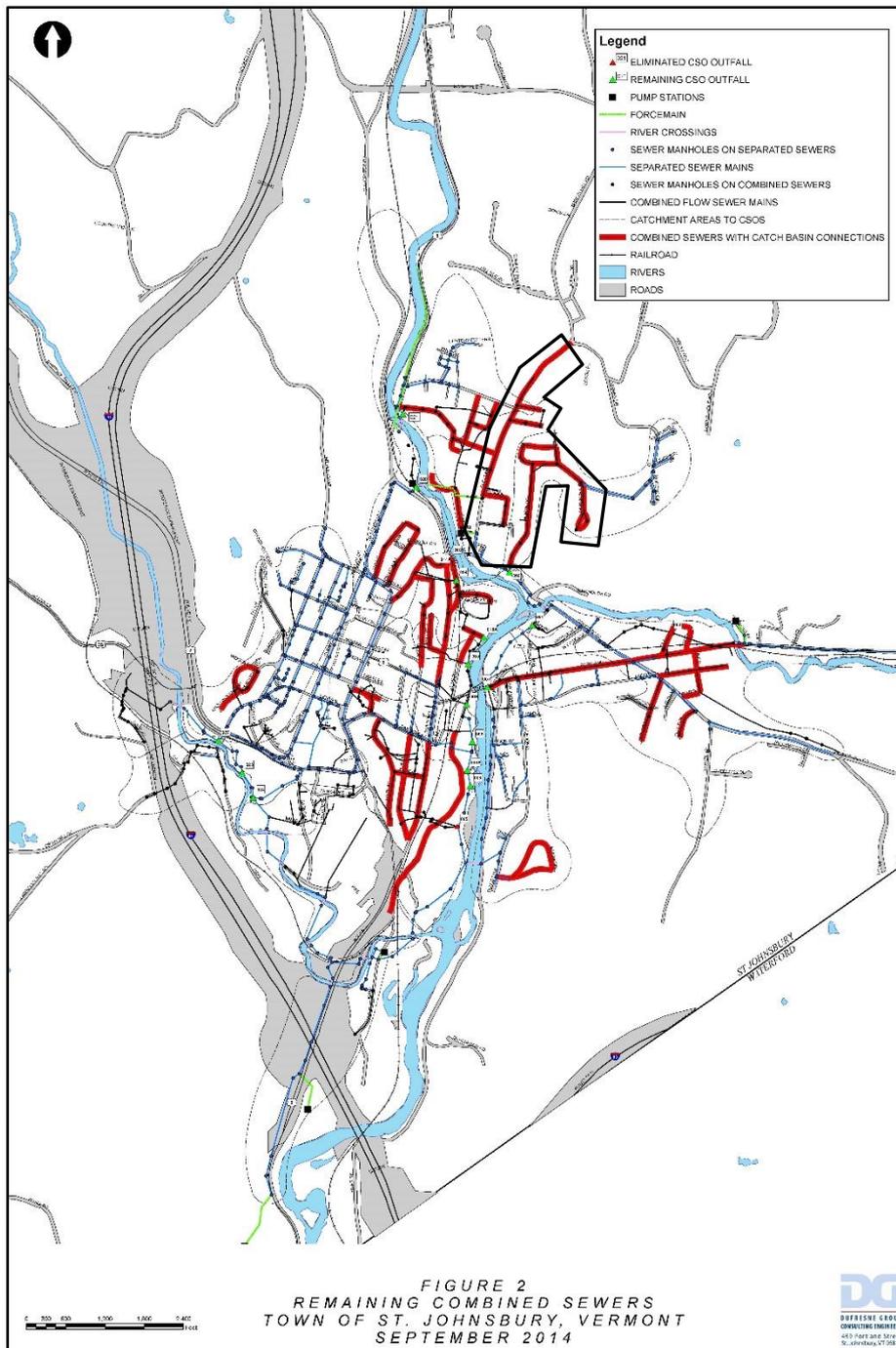


FIGURE 2  
REMAINING COMBINED SEWERS  
TOWN OF ST. JOHNSBURY, VERMONT  
SEPTEMBER 2014



- ST JOHNSBURY HAS BEEN EXTREMELY SUCCESSFUL IN TAKING ADVANTAGE OF NUMEROUS LOW INTEREST LOANS AND GRANT PROGRAMS, BUT THE LOAN RATES CONTINUE TO INCREASE AND THE GRANT AMOUNTS CONTINUE TO SHRINK.
- EVEN WITH CONTINUED SUCCESS AT THE PREVIOUS LEVELS, WE ARE UNCERTAIN HOW WE WILL BE ABLE TO PAY FOR THESE REQUIREMENTS AND KEEP LOCAL TAXES AFFORDABLE.



- WHAT FOLLOWS?

- 3500 HOUSING CONNECTIONS

- POTENTIAL ROOF DRAINS
    - FLOOR DRAINS
    - YARD DRAINS

- UNLESS YOU WANT TO RISK SEWAGE BACKUP IN HOMES AND BUILDINGS OCCUPIED BY HUMAN INHABITANTS, THERE NEEDS TO BE A SYSTEM RELIEF.

- STORMWATER TREATMENT



# CONTACT INFORMATION

- TOWN OFFICE
  - CHAD WHITEHEAD, TOWN MANAGER
    - 748-3926
    - [CWHITEHEAD@STJVT.COM](mailto:CWHITEHEAD@STJVT.COM)