The background is a light blue 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 on the page.

VILLAGE OF SKANEATELES WATER MAIN PROJECT

INFORMATIONAL MEETING

APRIL 24, 2019

MIRANDA ROBINSON

TONIGHT'S AGENDA

- WHO AND WHERE
- MATERIALS USED
- INSTALLATION PROCEDURES
- TESTING AND DISINFECTION
- WHAT TO EXPECT
- MORE THAN MAIN
- QUESTIONS

WHO

- VILLAGE OF SKANEATELES
 - DIRECTOR OF MUNICIPAL OPERATIONS
 - SHANNON HARTY, PE
 - PROJECT MANAGER
 - MIRANDA ROBINSON
 - CONSTRUCTION OBSERVER/INSPECTOR
 - JOE BRILLO

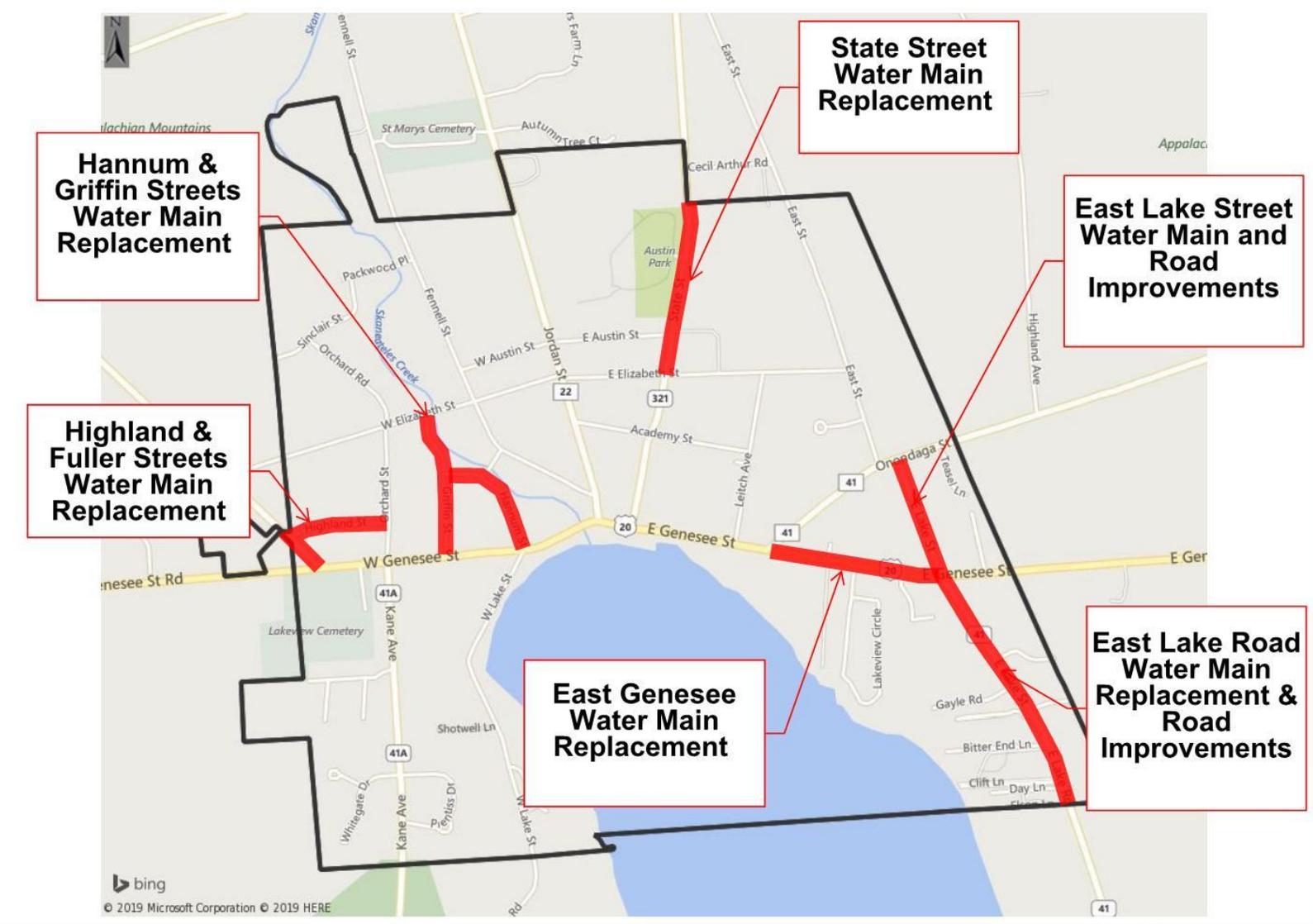


- VILLAGER CONSTRUCTION - FAIRPORT, NY
 - PROJECT MANAGER
 - MARK SIMMONS
 - SUPERINTENDENT
 - CAREY GROPP
- GHD - CAZENOVIA, NY
 - PROJECT PRINCIPAL
 - KEVIN CASTRO, PE
 - PROJECT MANAGER
 - NICHOLAS HYDE, PE
 - PROJECT ENGINEER
 - JARON CASE, EIT

CONTRACTOR

ENGINEER

PROJECT LOCATION





WHY HERE?

- HIGHLAND AND FULLER – 4” DIAMETER
- HANNUM AND GRIFFIN – 4” DIAMETER
- STATE – 4” DIAMETER
- EAST GENESEE AND EAST LAKE – 6” DIAMETER
- EAST LAKE – 4” AND 6” DIAMETER

MATERIALS USED



MATERIALS AND INSTALLATION PROCEDURE

PIPE FUSING HDPE



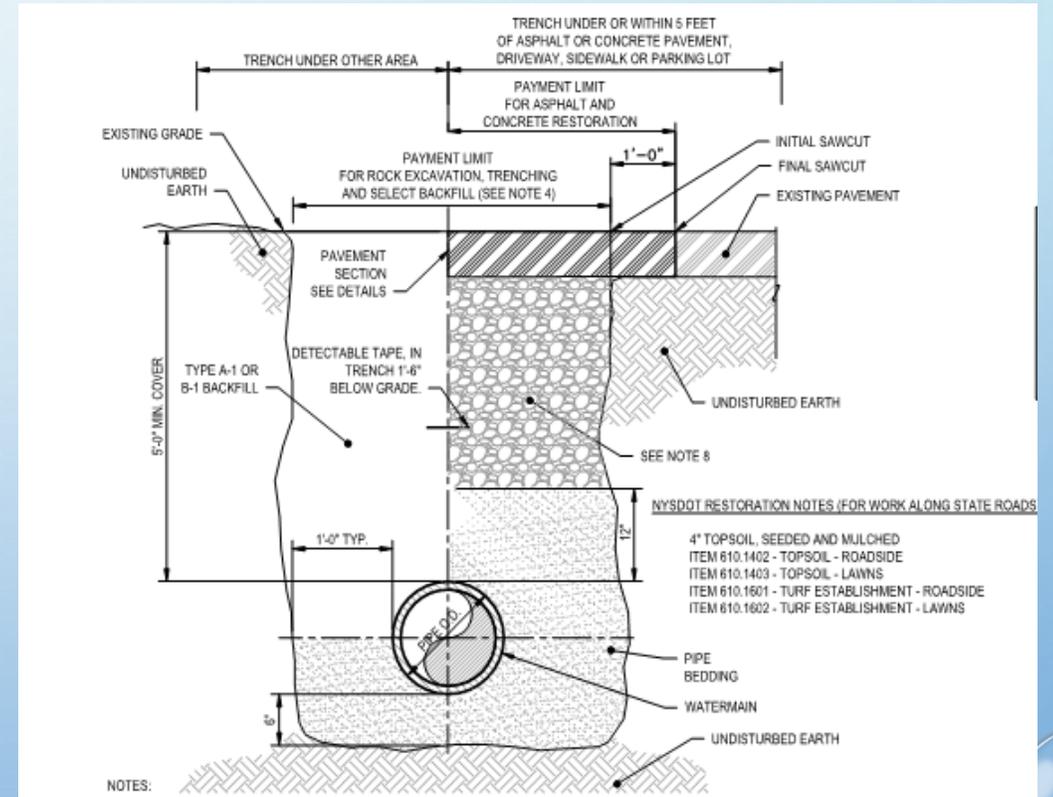
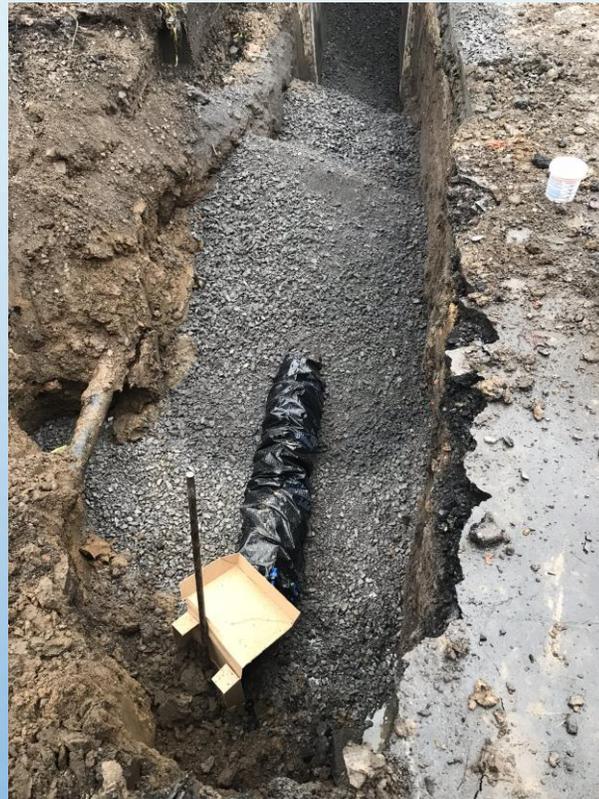
DIRECTIONAL DRILL





DIRECTIONAL DRILL AT STATE STREET

INSTALLATION PROCEDURE MAIN LINE



TESTING AND DISINFECTION

- PRESSURE & LEAKAGE TESTING

- WATER SLOWLY FILLS UP THE PIPE TO EXPEL AIR
- NEW WATER MAIN TESTED AT 150 PSI
- MEASURE QUANTITY OF WATER REQUIRED TO GET PRESSURE BACK TO 150 PSI AFTER 2 HOUR DURATION
- QUANTITY MUST NOT EXCEED CALCULATED VALUE BASED ON LENGTH OF PIPE IN TEST AREA

- DISINFECTION

- SUPER CHLORINATED WATER IS INJECTED INTO THE PIPE AND SITS FOR 24 HOURS
- TESTS PERFORMED BEFORE AND AFTER 24 HOUR PERIOD
- PIPE IS FLUSHED, SUPER CHLORINATED WATER IS EXPELLED
- MUNICIPAL WATER FILLS THE PIPE AND MUST MAINTAIN RESIDUAL CHLORINE
- SIT FOR 24 HOURS – RESAMPLE
- RESULTS TO ENGINEER AND HEALTH DEPARTMENT

NEW TESTING



...JUST KIDDING

WHAT TO EXPECT

- MAIN LINE INSTALLATION
- PRESSURE AND DISINFECTION TESTING
- SERVICE CONNECTIONS
- RESTORATION



SERVICE CONNECTION

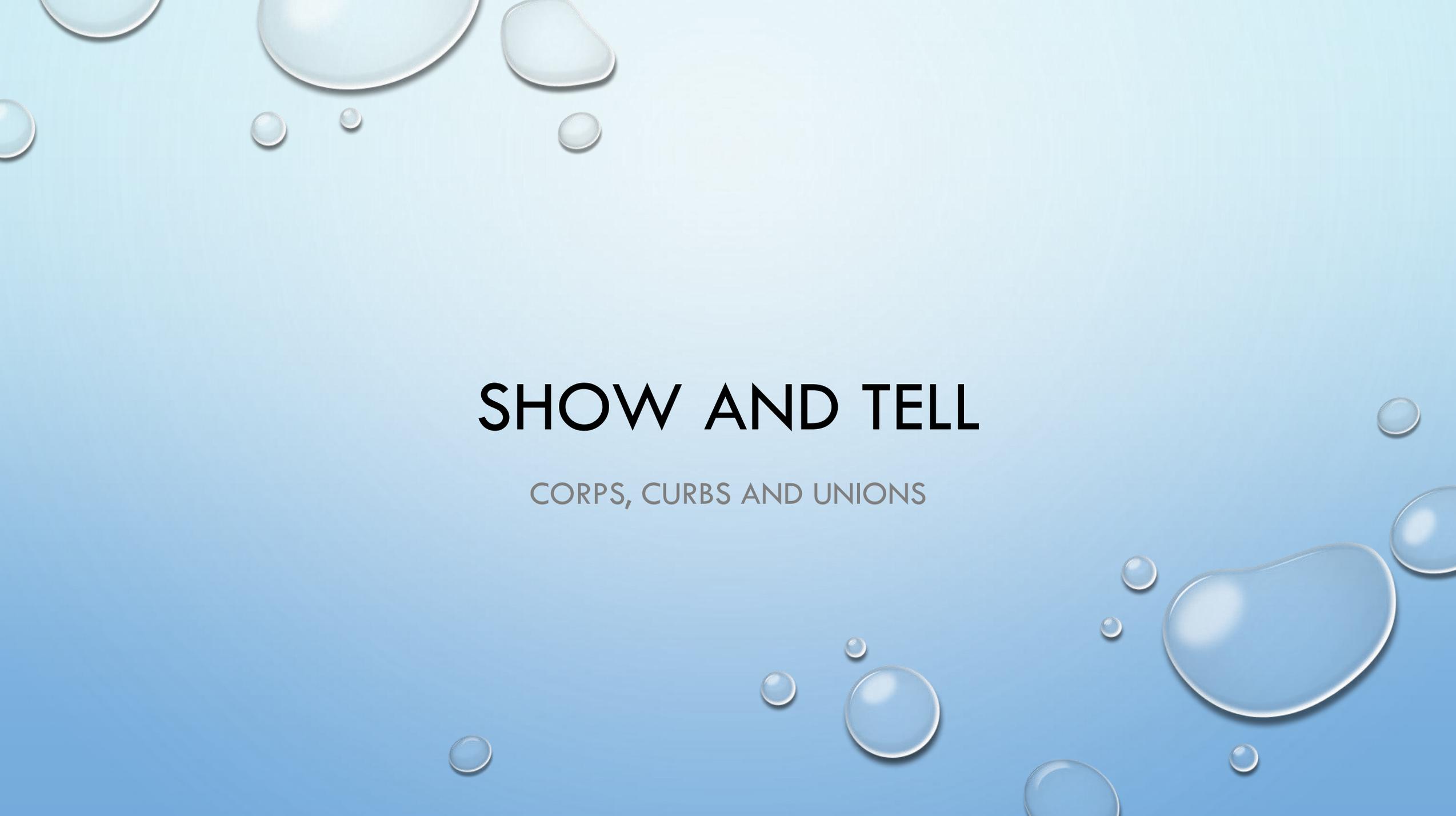
- MAIN LINE
- CORPORATION VALVE
- SERVICE LATERAL
- CURB VALVE
- CURB BOX
- UNION (IF NEEDED)



LEAKY CORPORATION VALVE ON MAIN LINE, WITH NEW UNION



CURB VALVE IN
DOWNTOWN AREA

The background is a light blue gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance.

SHOW AND TELL

CORPS, CURBS AND UNIONS

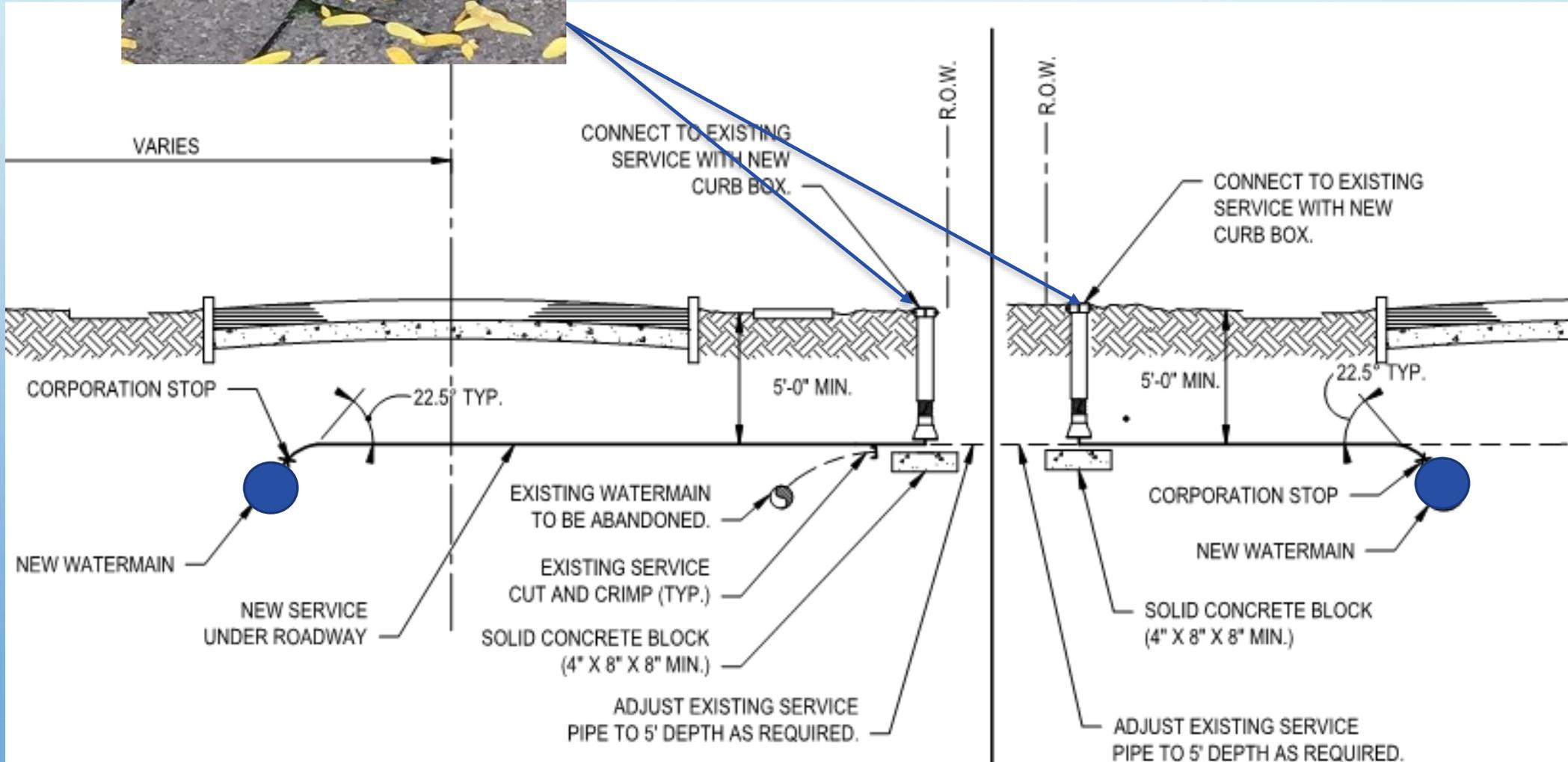
SERVICE CONNECTIONS

LONG SHORT





SERVICE CONNECTIONS LONG AND THE SHORT



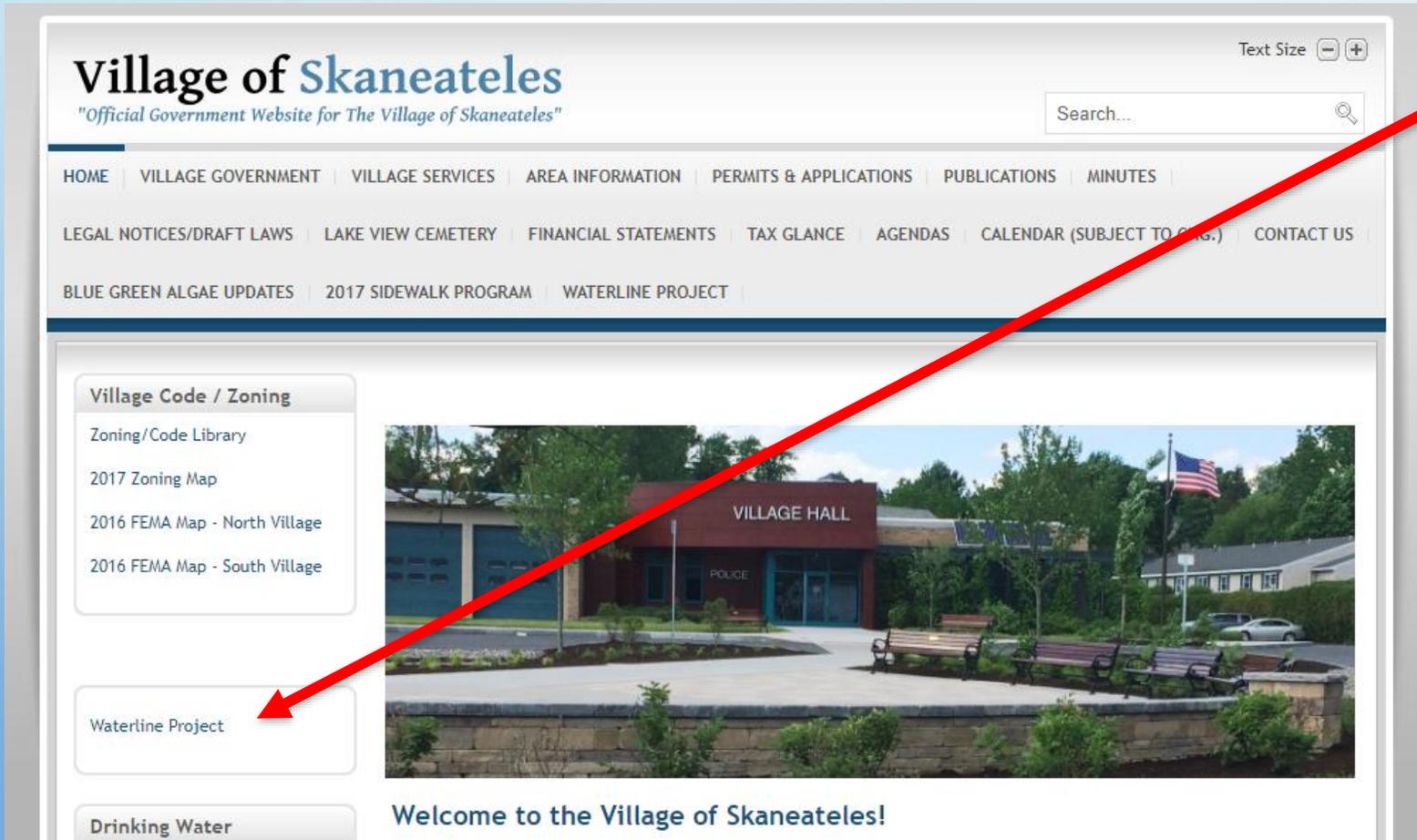
MORE THAN NEW WATER SERVICE

- NEW CURBING AND STORM DRAINAGE FOR EAST LAKE STREET AND EAST GENESEE
- TOPSOIL AND SEEDING
- NEW TREES
- NEW SIDEWALKS
 - SIDEWALKS THAT WERE DAMAGED/REMOVED WILL BE REPLACED



CONTACT INFORMATION

construction@villageofskaneateles.com



- CHECK FOR UPDATES AT THE VILLAGE WEBSITE
- SKANEATELES PRESS
- CALL THE OFFICE
 - 315.685.3440

