

Village of Depew Darwin-Argus Area Sanitary Sewer Rehabilitation Project



Public Information Meeting
Village Hall
March 12, 2015 6:00 pm

Agenda

- Background
- Construction Plan
- What residents should expect
 - Erie County Inspection Program
- Questions ?

Introductions

Key Team Members

- Village Board - Represented by Mayor Steven Hoffman
- Village Administrator – Elizabeth Melock
- Department of Public Works – Elizabeth Melock
- Engineer – David Britton CRA
- Contractor – TBD



Why are we doing this Project?

This project is being undertaken in response to a New York State Department of Environmental Conservation Order on Consent with the Village.

The Project goal and objective is to reduce inflow and infiltration (I&I) within the collection system as means of compliance with the DEC in abating sanitary sewer overflows (SSOs)

What is I&I?

Inflow – extraneous water that enters a sewer system through direct connections such as downspouts, improperly connected catch basins or yard drains, manhole covers, sump pumps or foundation drains.

Infiltration – extraneous water that enters a sewer system through leaking pipe joints, damaged pipes or deteriorated manholes.

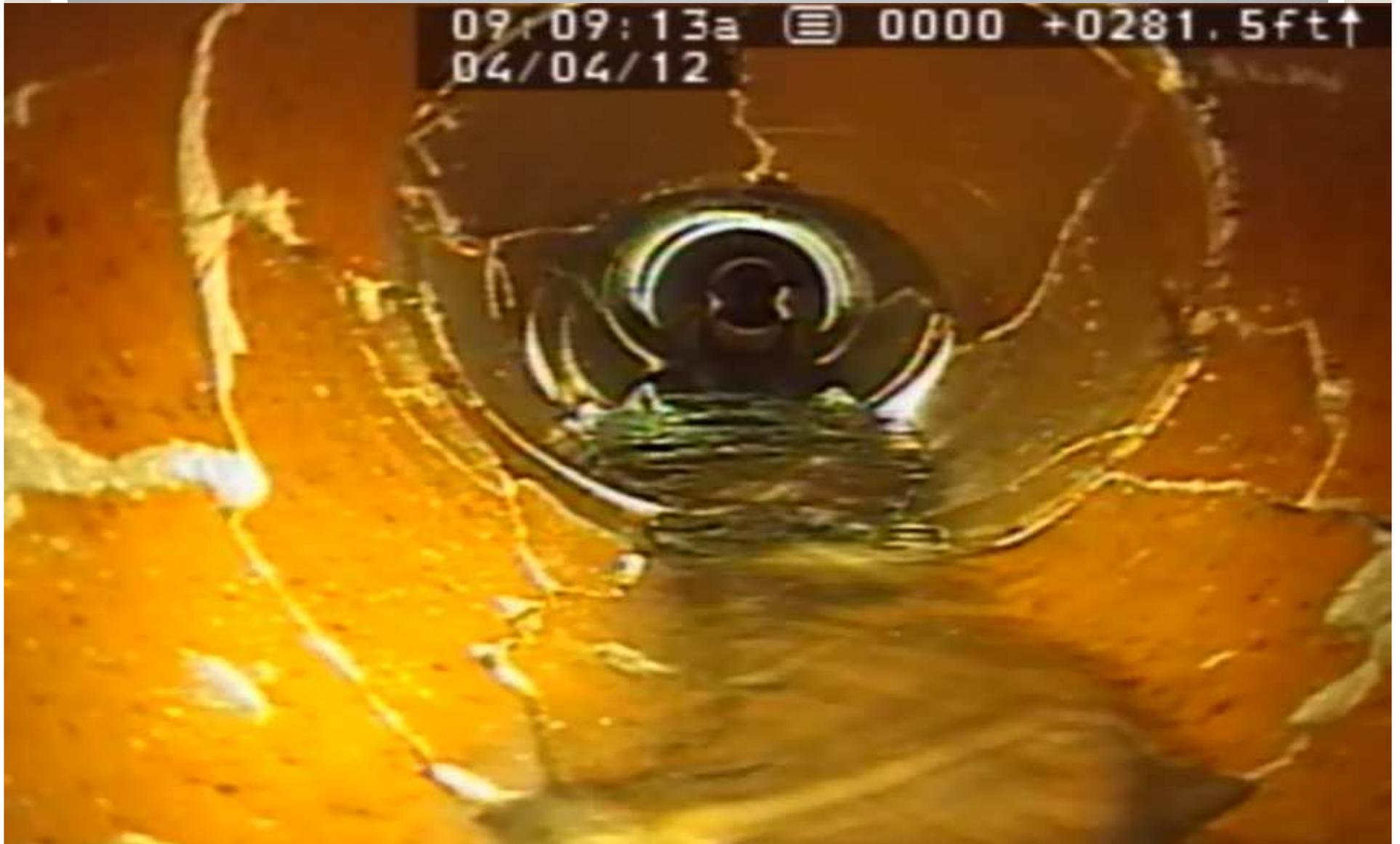
Why is it important to address I&I?

Extraneous water in a sewer system:

- Causes elevated flows and capacity reduction
- May cause overflows within the collection system – SSOs
- May result in basement backups



Fractured Sewer Pipe



09:27:20a (☰) 0000 +0241.8ft↑
05/01/12

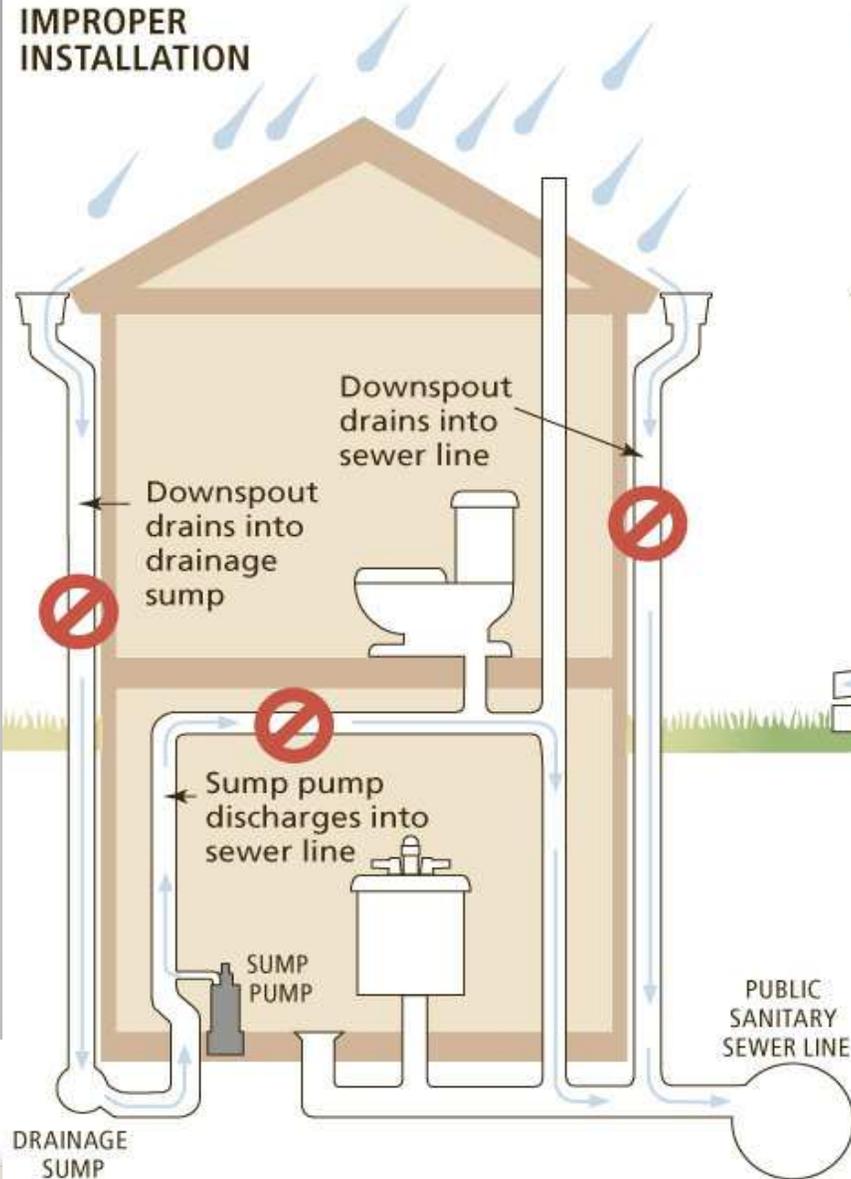


10:48:32a 0000 +0353.0ft↑
04/10/12

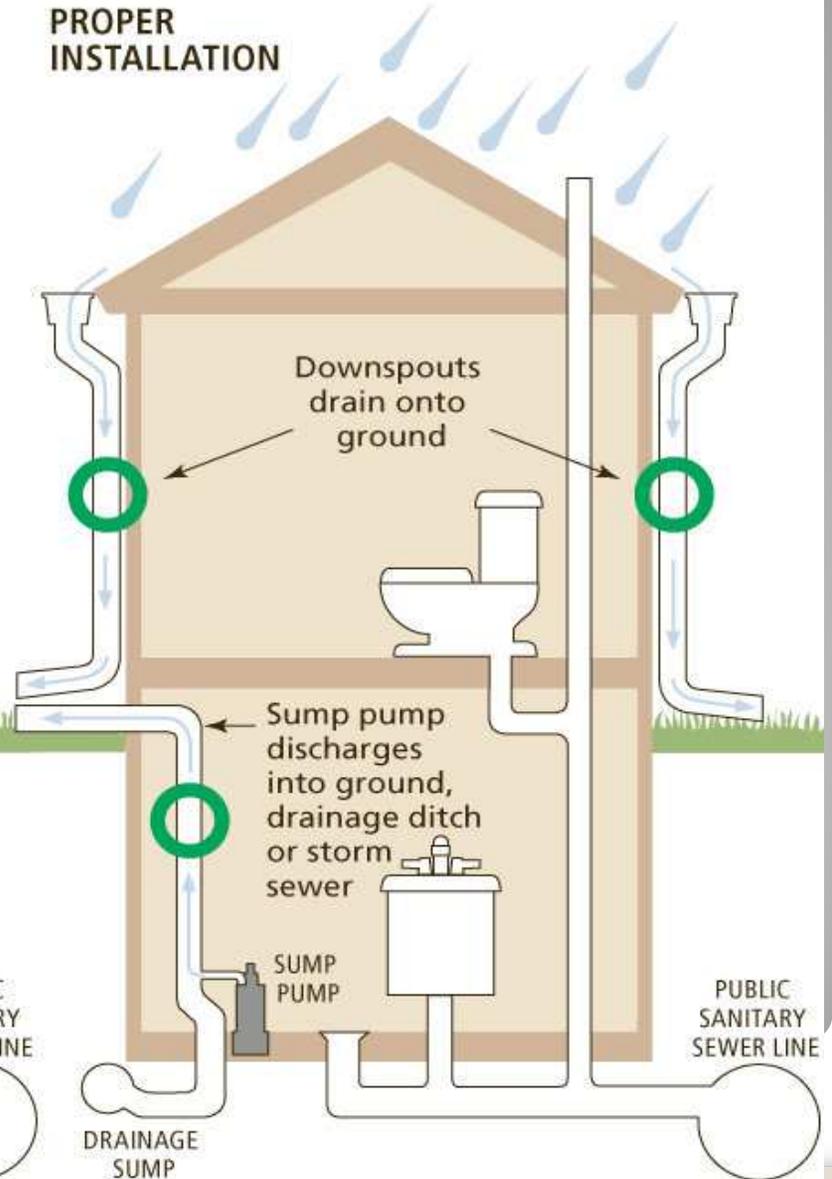


INFLOW

IMPROPER INSTALLATION



PROPER INSTALLATION



Typical Private Residential Issues

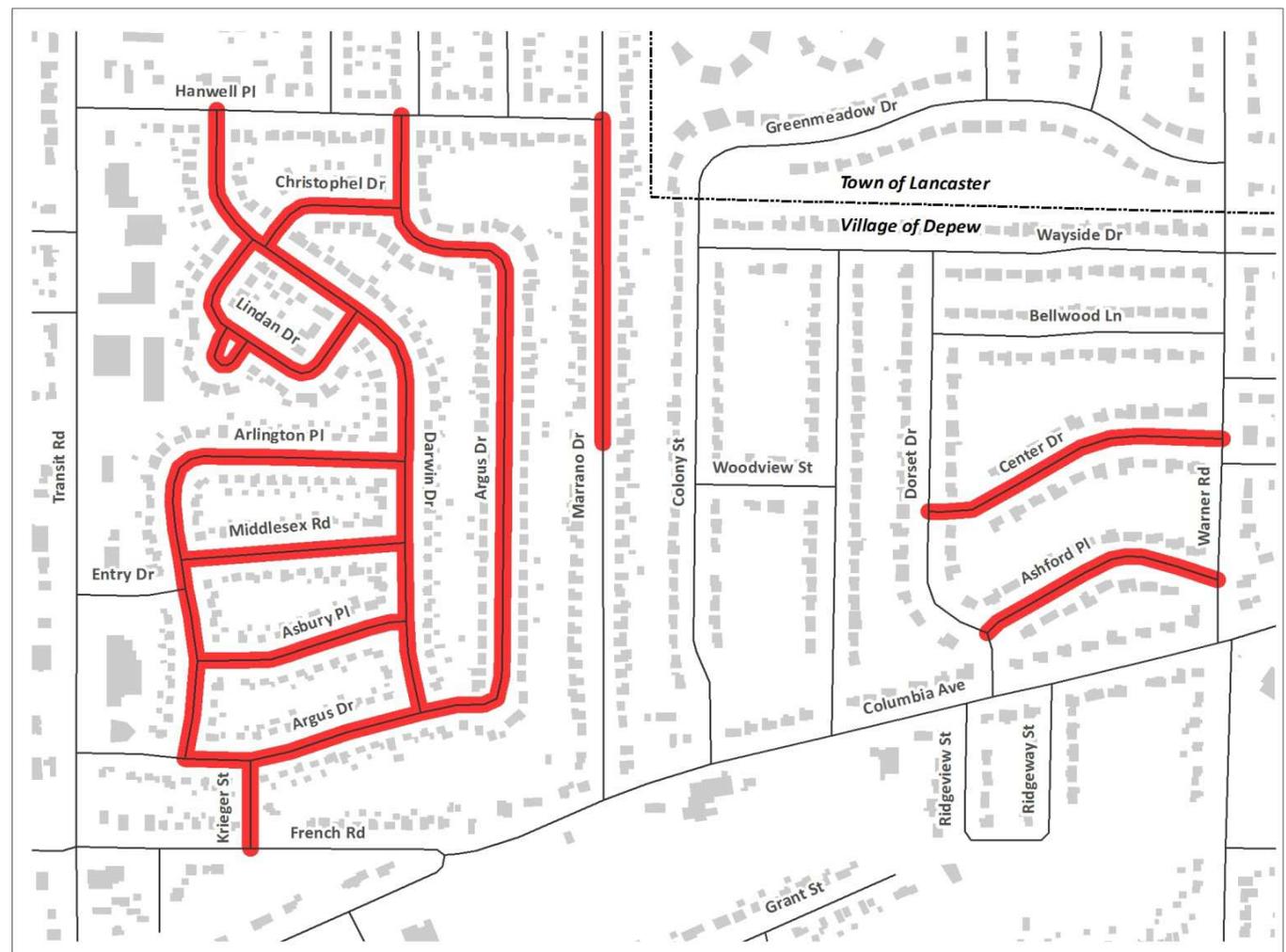


Correct Sump Pump Installations



Construction Plan - Project Area

Darwin Dr
Argus Dr
Krieger St
Asbury Pl,
Arlington Pl
Middlesex Rd
Lindan Dr
Christophel Dr
Marrano Dr
Center Dr
Ashford Pl



Darwin/Argus Area Sanitary Sewer System Evaluation and Investigations

- Video inspections
- Flow monitoring
- Manhole inspections
- Smoke testing – Erie County
- Dye Testing

Typical Village Manhole



Manhole Inspections



Manhole Inspections



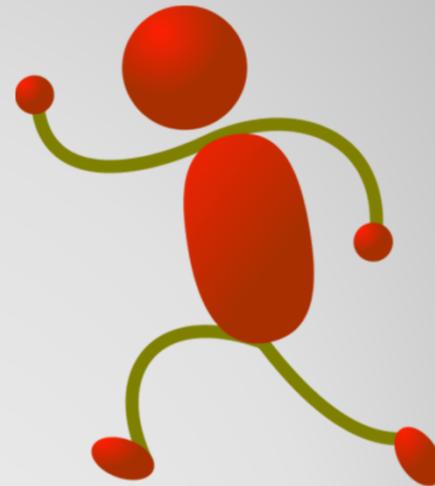
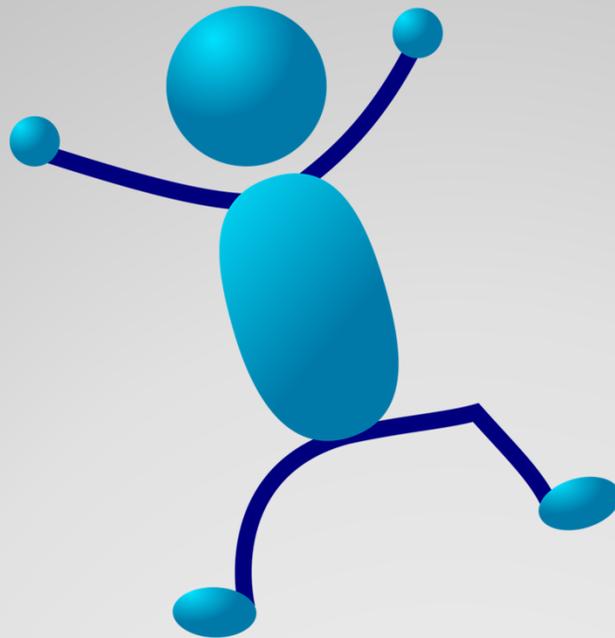
Erie County Smoke Testing



Erie County Smoke Testing



We need your help !



Types of rehabilitation work in Project Area

- Open cut spot repairs
- CIPP (sewer lining)
- Manhole rehabilitation
- Storm sewer spot repairs, and replacement

Project Schedule

- Community Info. Meeting – March 12, 2015
- Public Bidding Process – April 2015
- Notice of Contractor to Proceed – May 2015
- Begin Construction – June 2015
- Construction Period (5 Months)
- Complete Construction – October 2015

Post construction activities

- Flow monitoring
- Reporting as required by NYSDEC documenting results on I&I reduction
- Private property owner involvement (repair vent caps, raise low lying vents, disconnect sump pumps, roof leaders from sanitary sewers)

What residents can expect

- Construction equipment
- Delivery & stockpile of materials
- Construction noise
- Road closures/Traffic controls
- Bypass pumping/hoses
- No interruption in service (planned)

Erie County Inspection Program

- **Purpose:** Review plumbing layout to confirm that clean water is discharging to storm and dirty water is discharging to sanitary.
- **What to expect:**
 - Erie County DEP will be sending out notification letters to the residents within the project area.
 - Owners will be requested to schedule an appointment, at their convenience, with the County for system review
 - Review typically takes 20 minutes (sump pumps, basement bathrooms, floor drains, sanitary line, vents, downspouts).

Contact Information

- **Village Website**

- **stay tuned....** Updates to be posted @
www.villageofdepew.org

- **Sewer Related Issues:**

Call DPW: 683-5700

- **Construction related questions:**

(CRA) David Britton – 856-2142

- **Emergency Calls: Police, Fire, Medical**

911

Thank You

Questions and
Comments