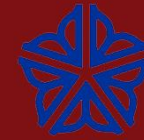


Water Supply Conduit Modernization, Phase 2: **South Clinton Avenue, Conduit 2 and 3** **Brighton-Henrietta Town Line Road to I-590**



Public Information Meeting
March 25, 2013

AGENDA



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- **Welcome and Introductions**
- **Conduit Description and History**
- **Project History**
- **Project Limits**
- **Proposed Alignment**
- **Construction Impacts**
- **Project Schedule and Cost**
- **Questions and Comments**

Project Contacts



Rochester Water Bureau

- **Robert Morrison** **Director**
- **Enrique Maisch** **Managing Engineer**
- **Pat O'Connor** **Project Manager**



Bergmann Associates

- **Julie Barnes** **Project Manager**
- **Jim Raleigh** **Engineer in Charge**
- **Tom Detrie** **Project Engineer**



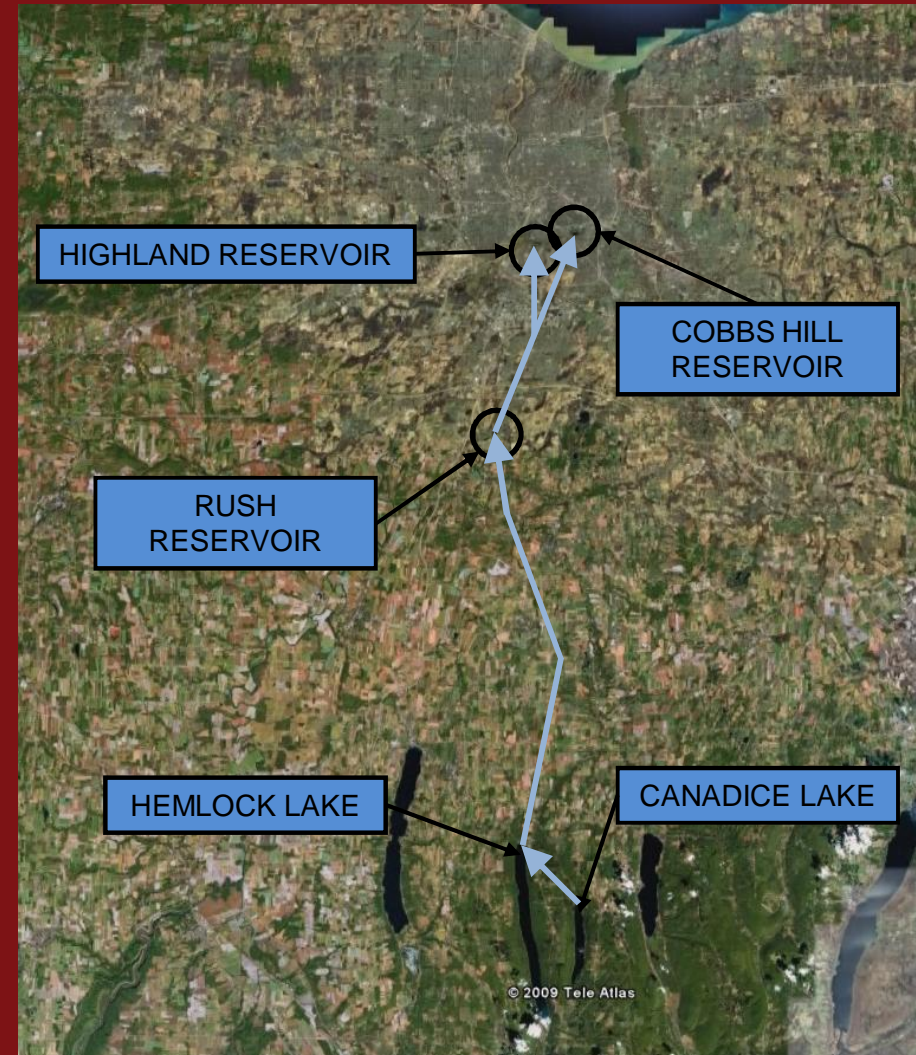
Villager Construction

- **Ed Nelson** **Project Manager**
- **Jim Lehr** **Superintendent**



Conduit Description

- Water comes from Hemlock and Canadice Lakes (28 miles south of Rochester)
- Water is treated and sent to Rush Reservoir
- From Rush Reservoir, sent north via 3 large diameter conduits to Highland and Cobbs Hill Reservoirs



Conduit History

Conduit 1

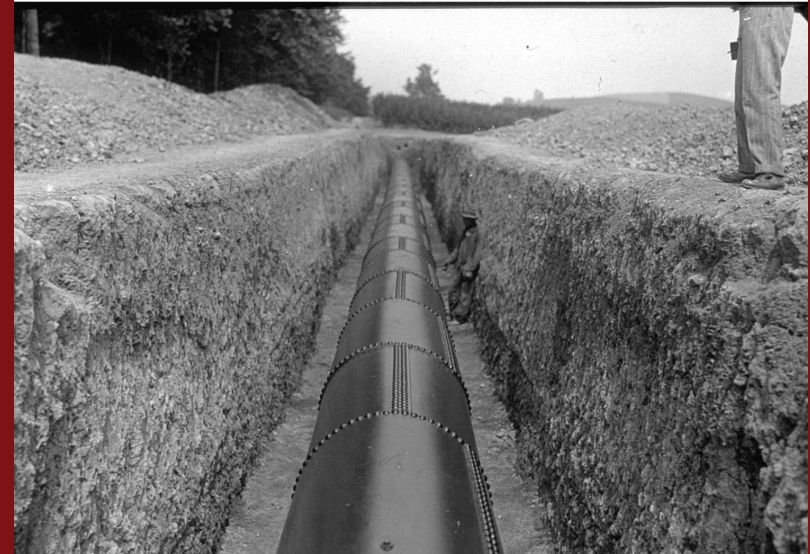
- 24" Cast Iron - 1875
- Follows East Henrietta Road

Conduit 2

- 38" Riveted Steel - 1894

Conduit 3

- 37" Lockbar Steel – 1916
- Conduits 2 and 3 follow East Henrietta Road / South Clinton Avenue



Project History

2007 - Water Supply Planning Study

- Highest priority location due to location, condition, and history of breaks

2008 - 2010 – Phase 1

- Installed single 42" steel water main
- I-590 to Suburban Court



Fall 2011 – Phase 2 Design Begins

- Brighton-Henrietta Town Line Rd to I-590

March 2013 – Begin Phase 2 Construction

- Single 42" cement mortar lined steel water main
- Cured-In-Place-Pipe (Rehabilitation)



Reasons for the Project

Planning Study Summary

- Recent and severe breaks, as recent as (2004)
 - 2002 Leak on Conduit 3 at Woodsmeadow Lane
- High operating pressures
- Over 100 years old



Project Limits



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South Clinton Avenue Brighton-Henrietta Town Line Rd to I-590



Proposed Alignment



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Brighton-Henrietta Town Line Rd to Woodsmeadow Ln



Proposed Alignment



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Woodsmeadow Ln to Erie Canal



Proposed Alignment



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Erie Canal to I-590



Proposed Alignment



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Under Erie Canal



Under I-590

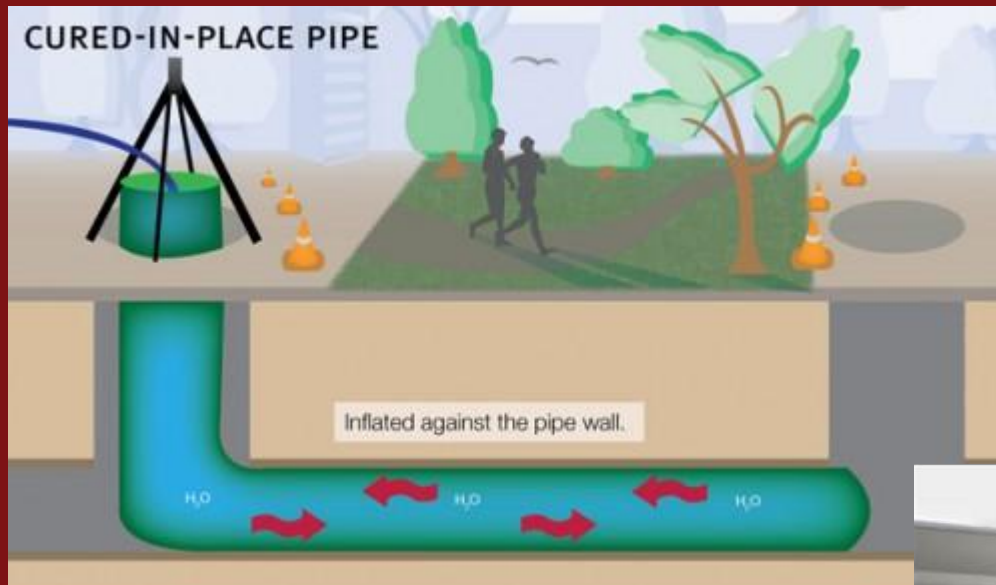


Proposed Alignment



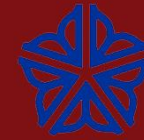
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Cured-in Place Pipe



www.bergmannpc.com

Maintenance of Traffic



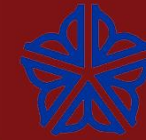
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Traffic Control

- Includes:
 - Lane / shoulder closures
 - One-way detour
 - Night / weekend work
- Normal working hours will be 7:00 am to ~ 5:00 pm
- 1 – 2 day driveway interruptions (east side)
- Sidewalks will be open during construction



Maintenance of Traffic

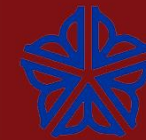


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Traffic Control Overview

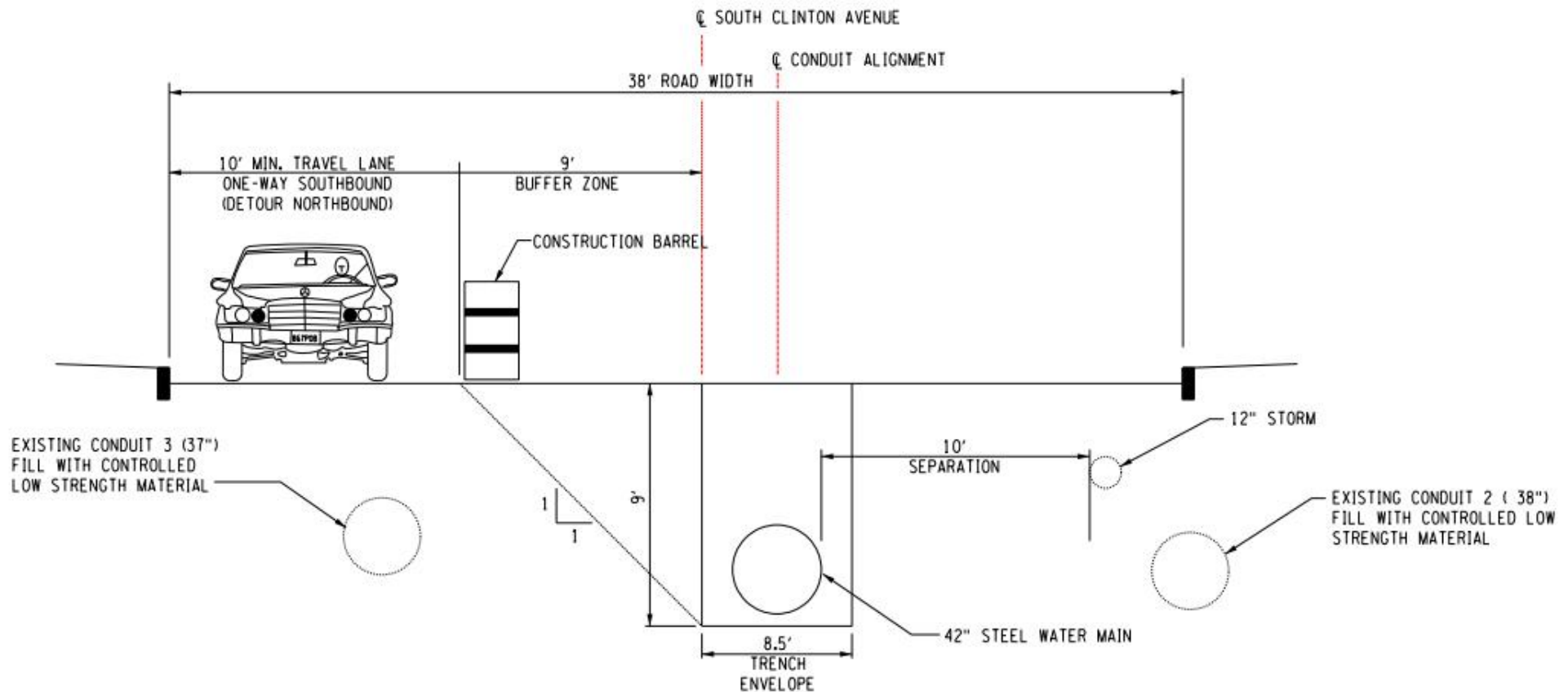


Maintenance of Traffic



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Section Between BHTL Rd to Woodsmeadow Ln



WZTC TYPICAL SECTION A-A

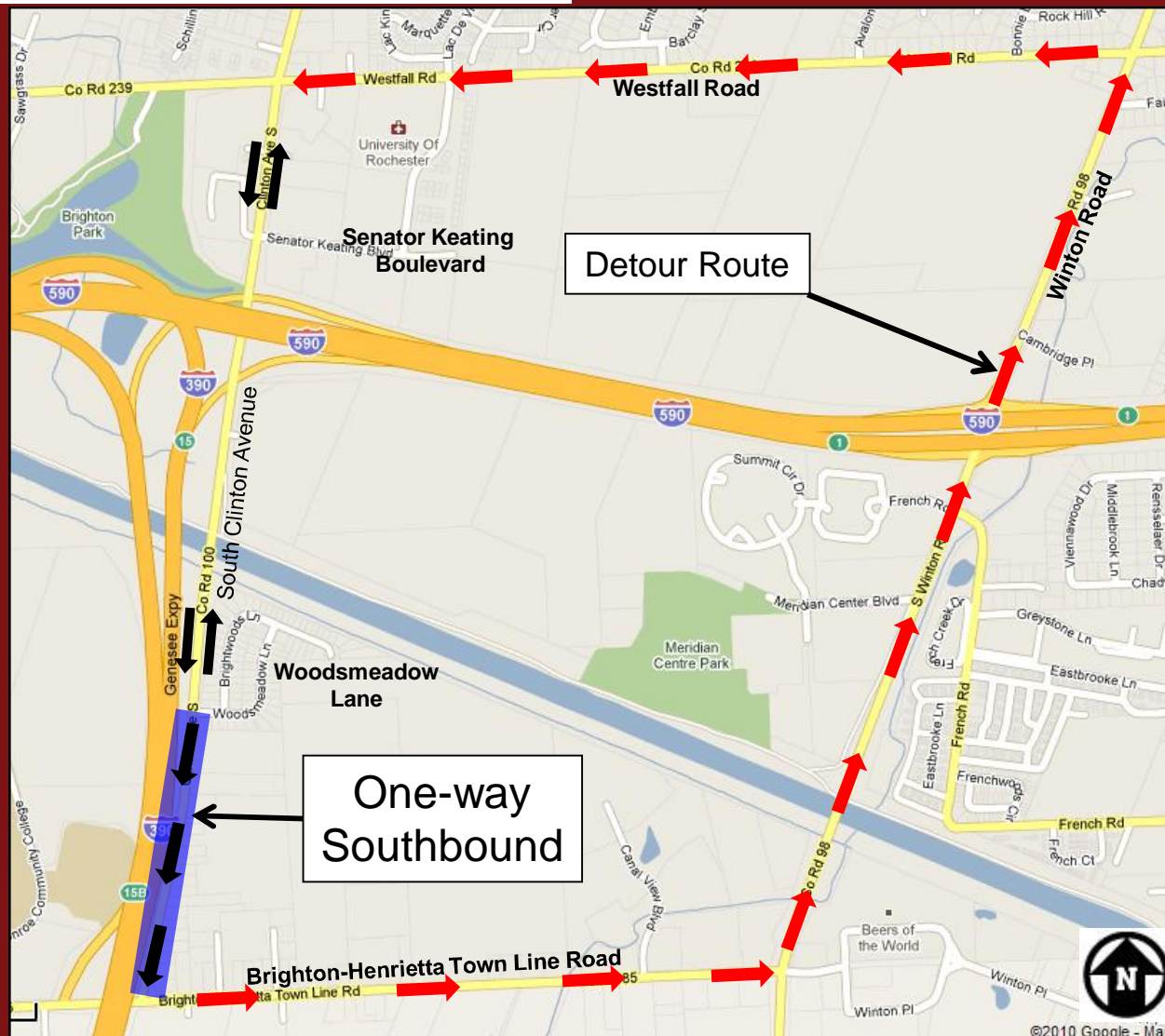
LOOKING NORTH
BRIGHTON-HENRIETTA TOWN LINE ROAD TO WOODSMEADOW LANE
NOT TO SCALE

Maintenance of Traffic



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Northbound Detour Route



Maintenance of Traffic

One-way Detour

- **Southbound Traffic Maintained**
- **Northbound Traffic Detoured**
- **BHTL Rd to Woodsmeadow Lane**
- **Limited to a two (2) month duration**
- **Begins June 2013**
 - **Handouts / Public Notice**
 - **Variable Message Boards**



Maintenance of Traffic



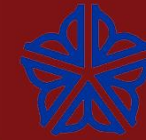
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Night / Weekend Work

- **Weekend/night work will occur at the Brighton-Henrietta Town Line Rd Intersection**
 - Intersection will be controlled by flag person(s)
 - Lane closures on BHTL Rd and South Clinton Ave
 - Begin Friday 8:00 pm complete Monday 6:00 am or 8:00 pm to 6 am following day
- **Night work will occur between Erie Canal (south side) and I-590 (north side)**
 - If required for rehabilitation work
 - Potential lane closures on South Clinton Ave



Maintenance of Traffic



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Night Work Locations

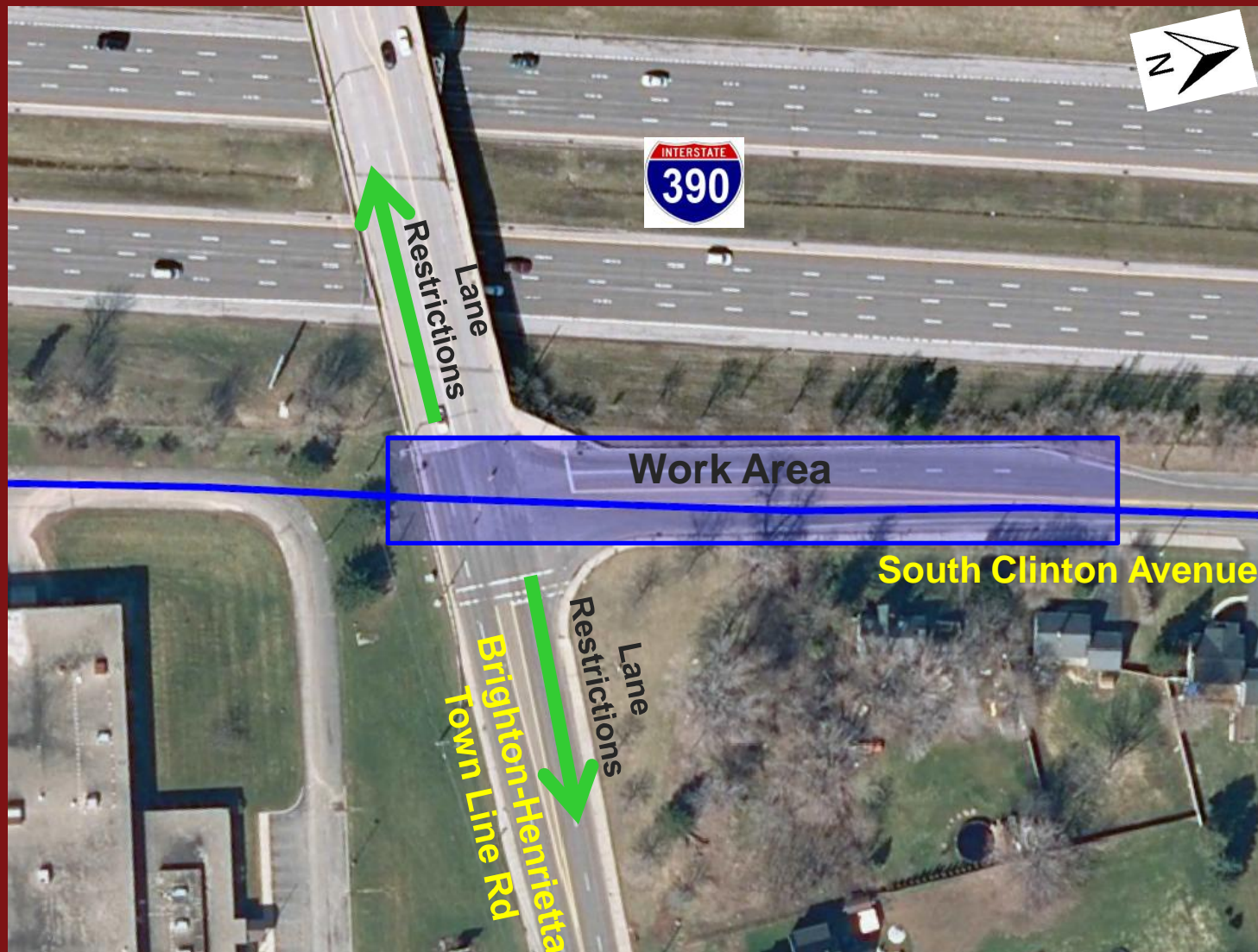


Construction Impacts



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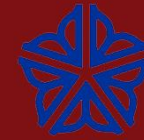
BHTL Rd Intersection – Weekend Work



Anticipated Impacts

- **Minor water service or other utility interruptions**
 - Will be coordinated in advance
- **Restoration:**
 - **Milling and resurfacing**
 - BHTL Rd to just north of Woodsmeadow Lane
 - Minor changes to the traffic control patterns as requested by MCDOT
 - **Topsoil and lawn restoration**
- **Trench Safety:**
 - Open trenches will be protected with fence daily

Project Schedule and Cost



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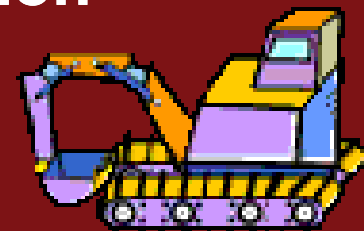
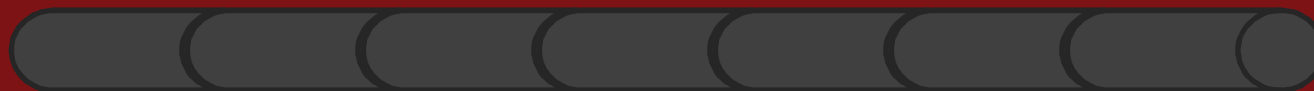
Proposed Schedule

Begin Pipe Placement:	May 2013
One-Way Detour:	June/July 2013
Various Tie-in / Linings:	Fall 2013
Conduit Abandonment:	Winter 2013
Milling and Resurfacing:	Spring 2014



Cost

Est. Cost (Design/Construction): \$7.0 Million



www.bergmannpc.com

Contact Information



- **Project Field Office**
 - **1815 South Clinton Ave, Suite 320
(585) 730-7827**
- **Full time onsite inspection team**
 - **Jim Raleigh – Bergmann Associates
(716) 652-4098**
- **Updates to be posted on the City of Rochester website – www.cityofrochester.gov/southclinton**
- **Contact:**
 - **Ed Nelson – Villager Construction, Inc.
(585) 370-0448**
 - **City of Rochester Water Bureau Helpline
(585) 428-7500**



Water Supply Conduit Modernization, Phase 2: South Clinton Avenue, Conduit 2 and 3 Brighton-Henrietta Town Line Road to I-590



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