

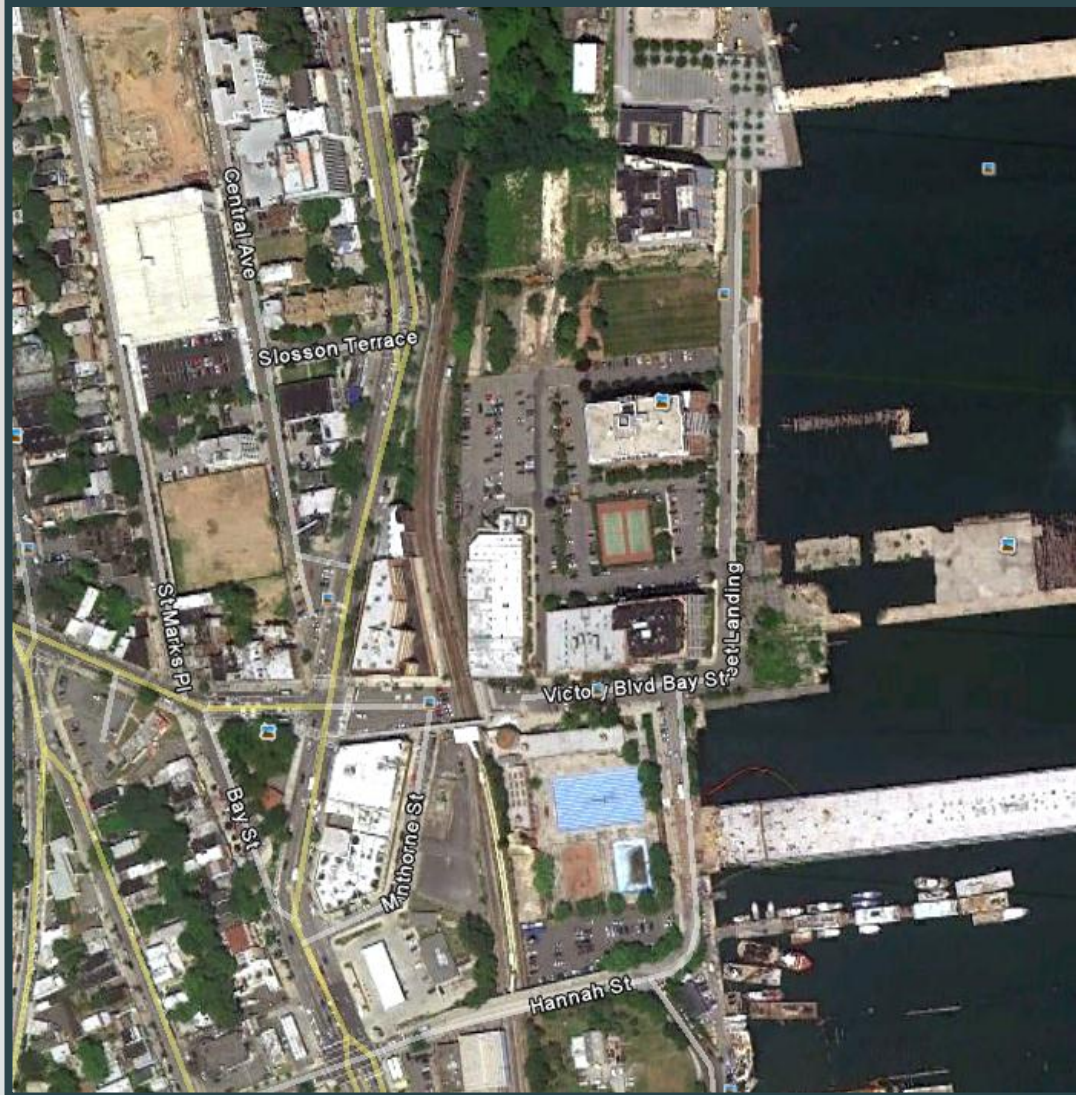
The Replacement of the Existing Water Siphons Between
Brooklyn and Staten Island

Staten Island Land Piping

Victory Blvd. and Murray Hulbert Avenue

May 24, 2011

Site Plan



Victory Blvd./ Murray Hulbert Land Piping

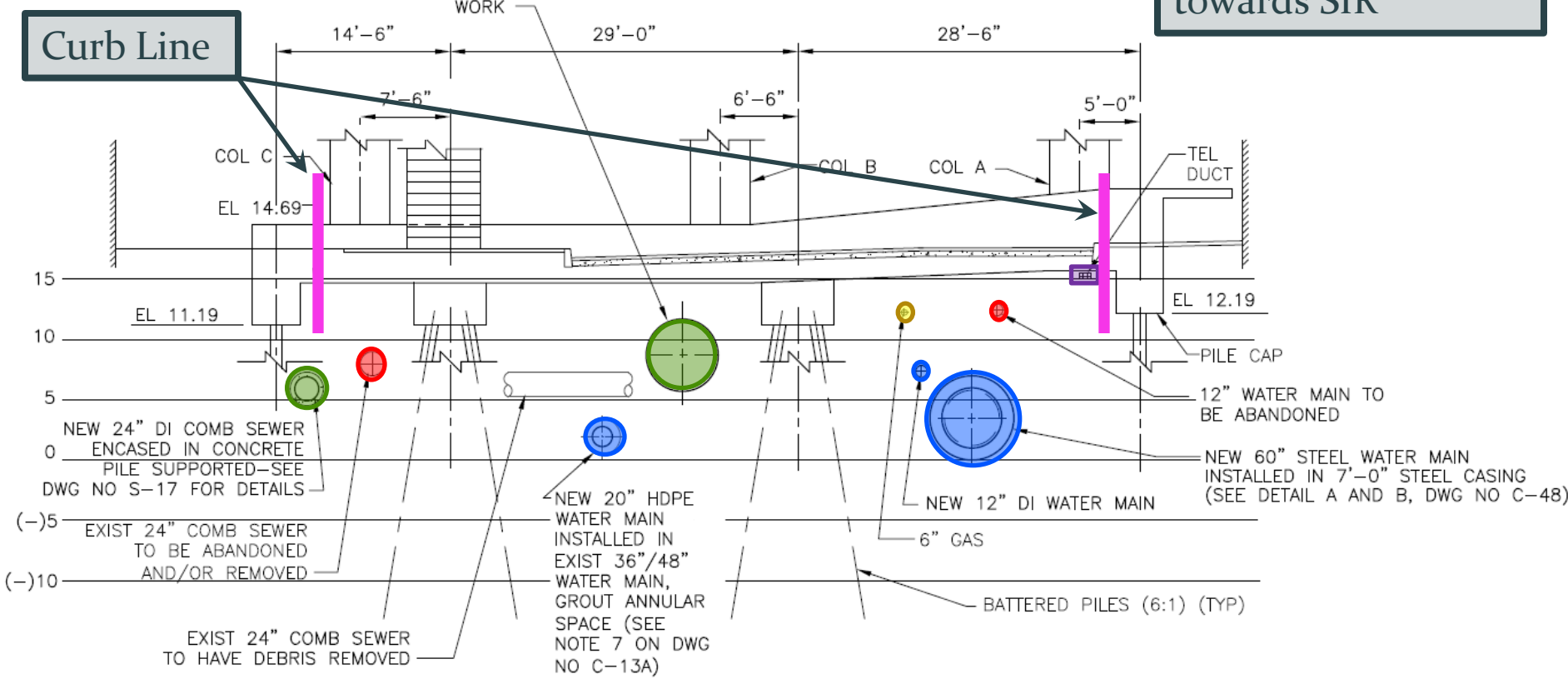
T A S K		2 0 1 1						2 0 1 2						
		June	July	August	September	October	November	December	January	February	March	April	May	June
1	Test Pits and Geometry Drawings													
2	Microtunneling Operation and Gas Main Relocation Work													
3	Water Main Distribution Relocation													
4	Sewer Lining													
5	Sewer Reconstruction/Relocation Work													
6	Jacked New Water Main													
7	New 60" Water Main Installation													
8	Street and Sidewalk Restoration													

Victory Blvd. – Typical Cross Section

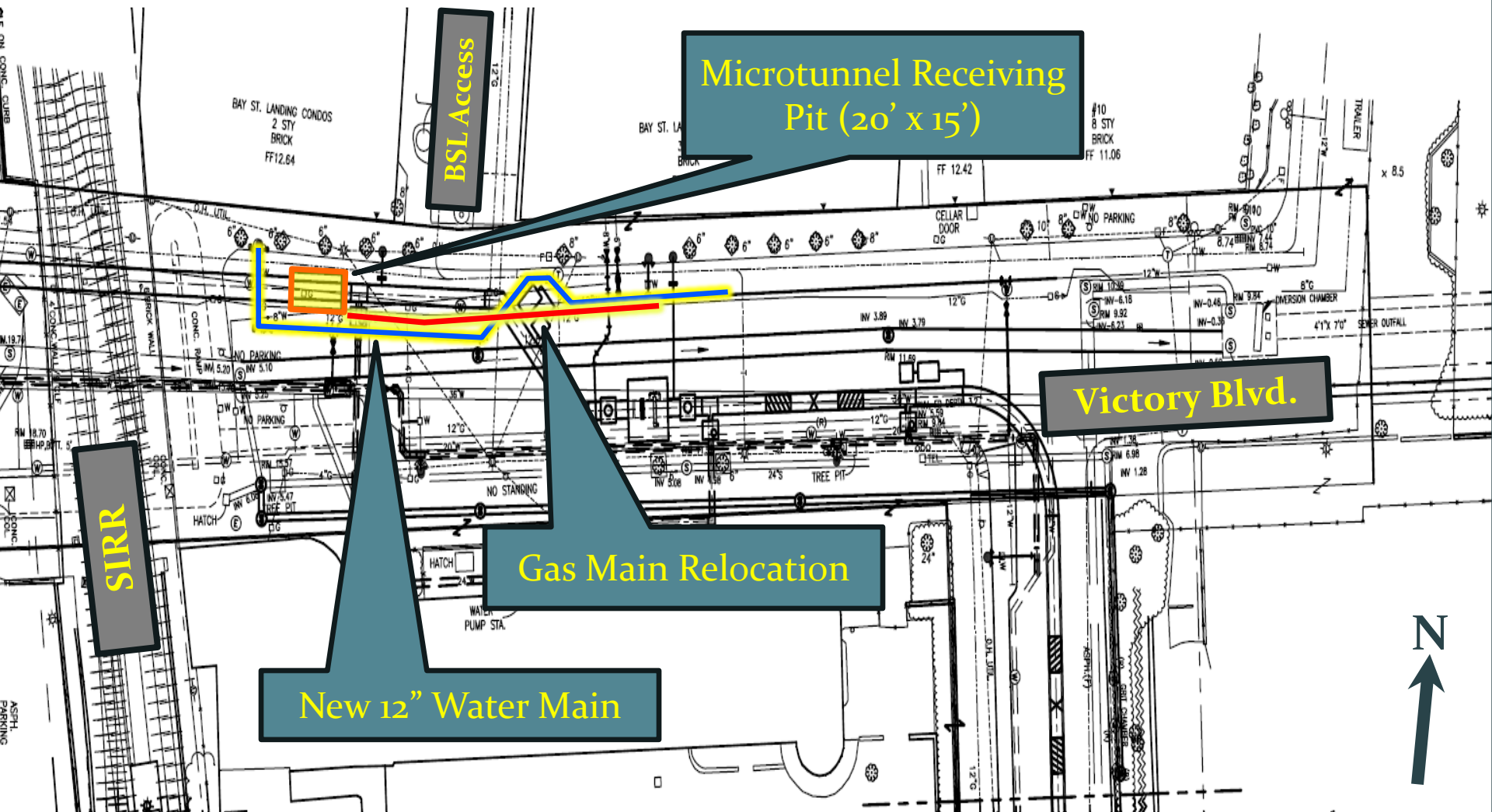
72" COMB SEWER TO BE RECONSTRUCTED (GUNITED) USING THE SHOTCRETE METHOD AS SPECIFIED PRIOR TO COMMENCING ANY CONSTRUCTION/DEMOLITION WORK

Facing West looking towards SIR

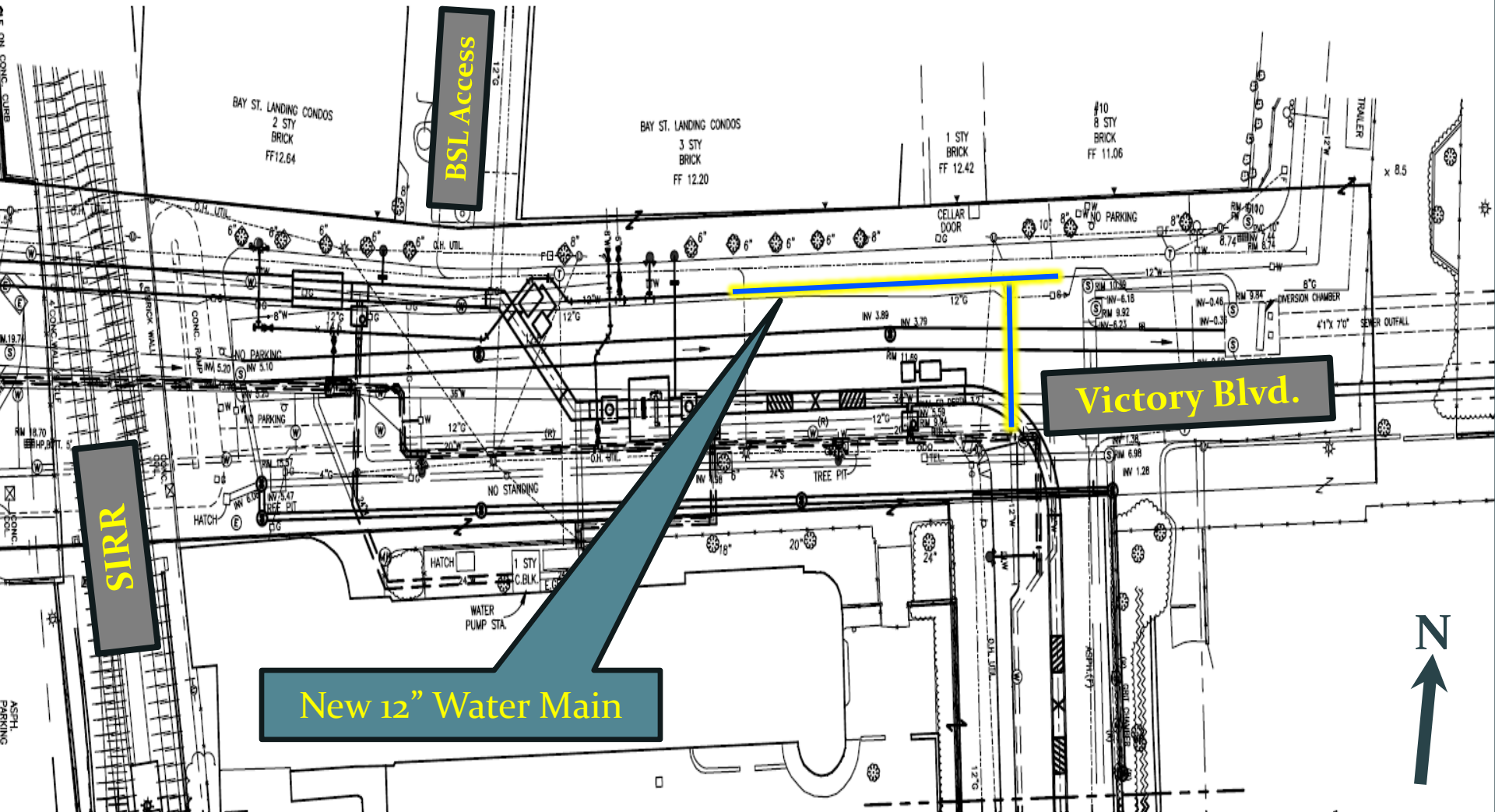
Curb Line



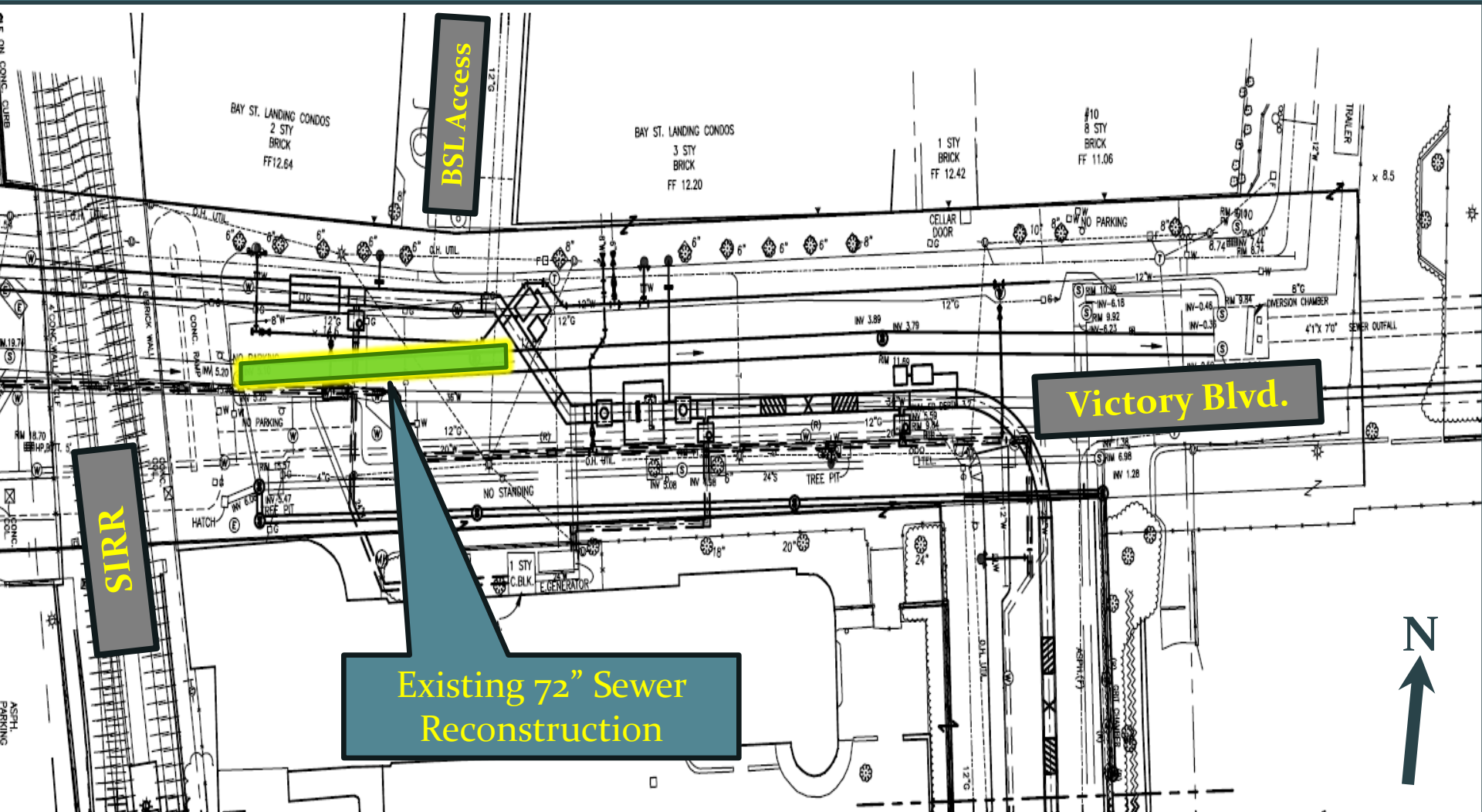
Gas Main Relocation



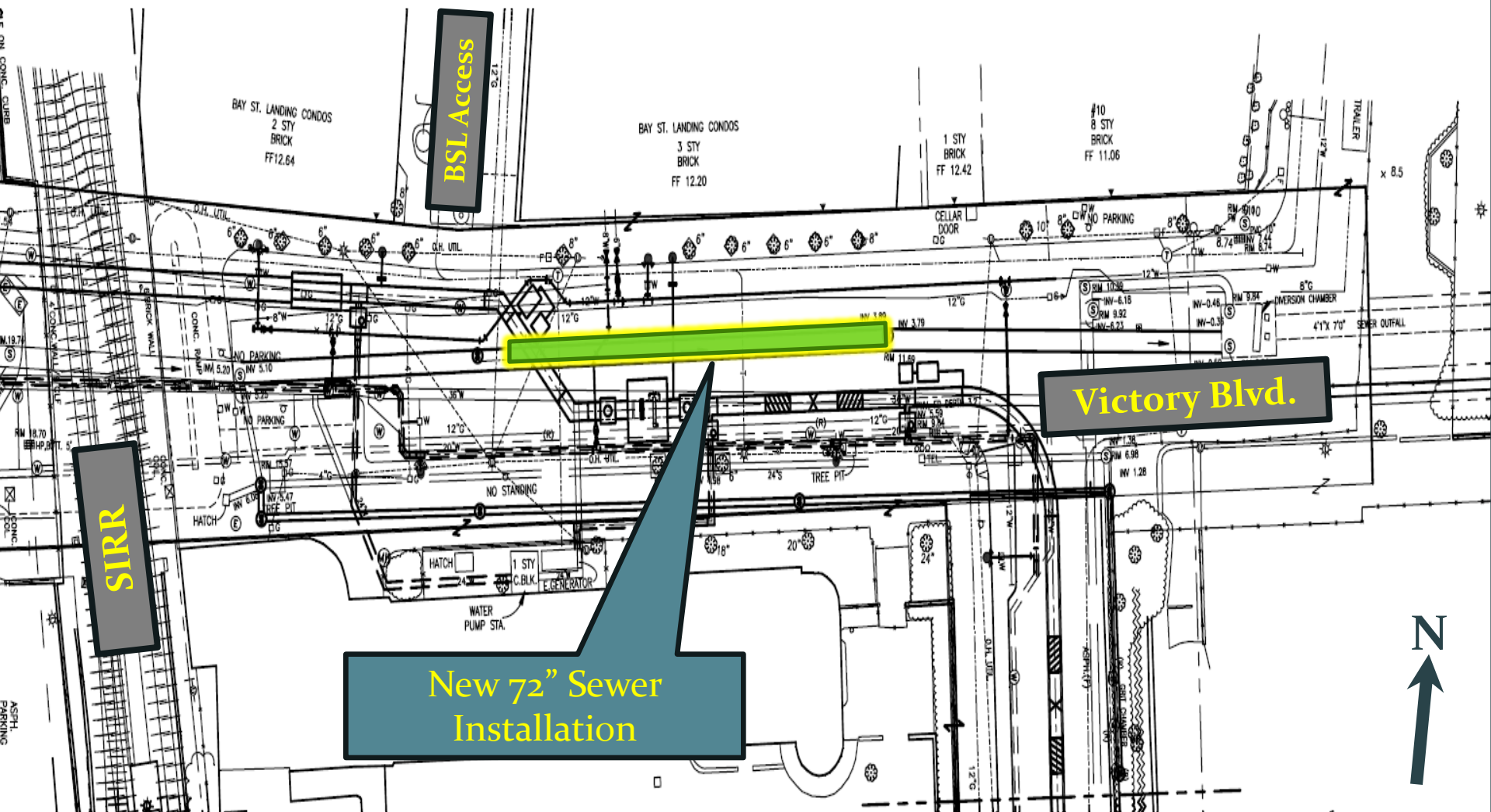
Water Main Distribution



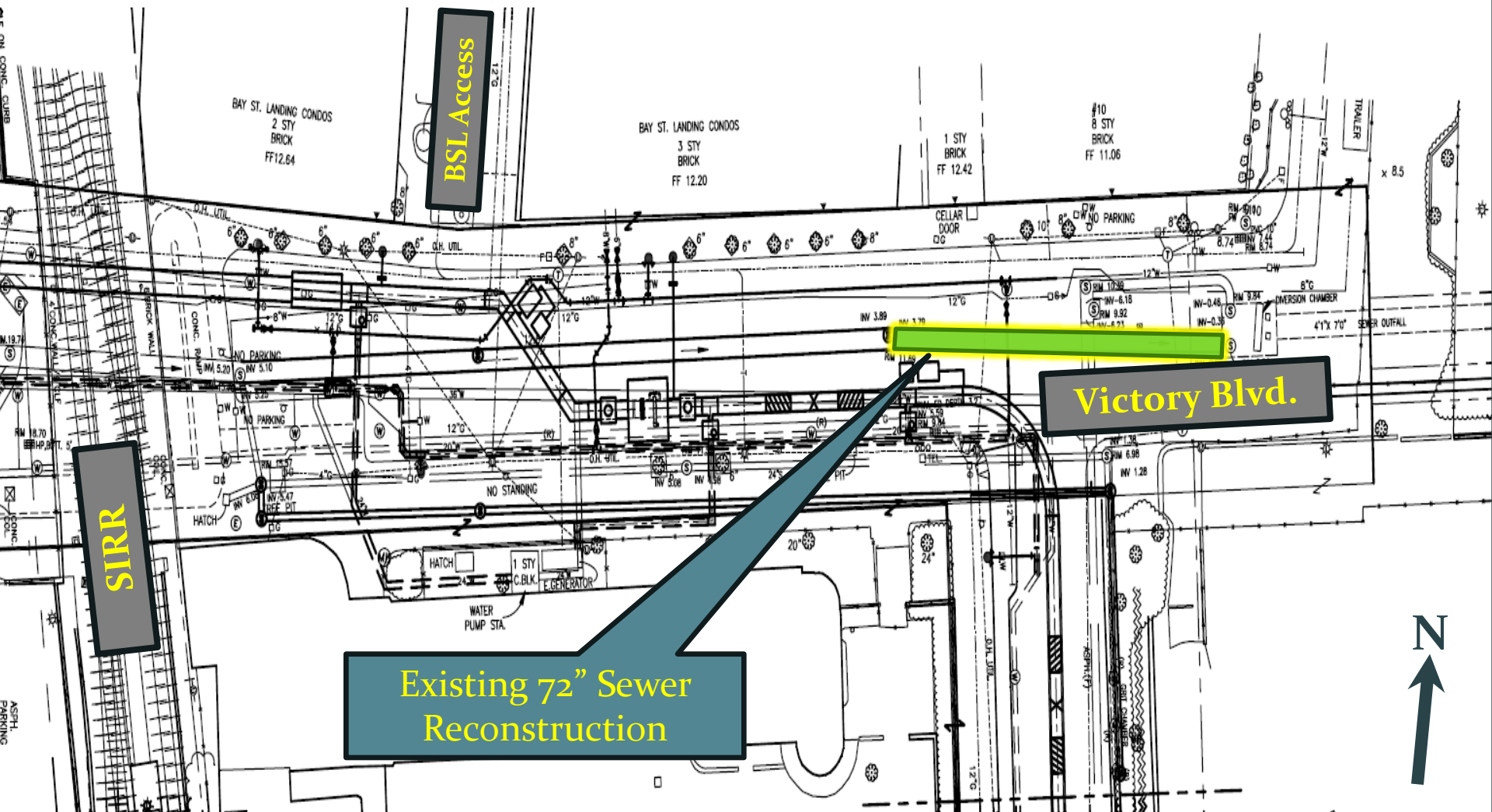
Sewer Reconstruction/Installation



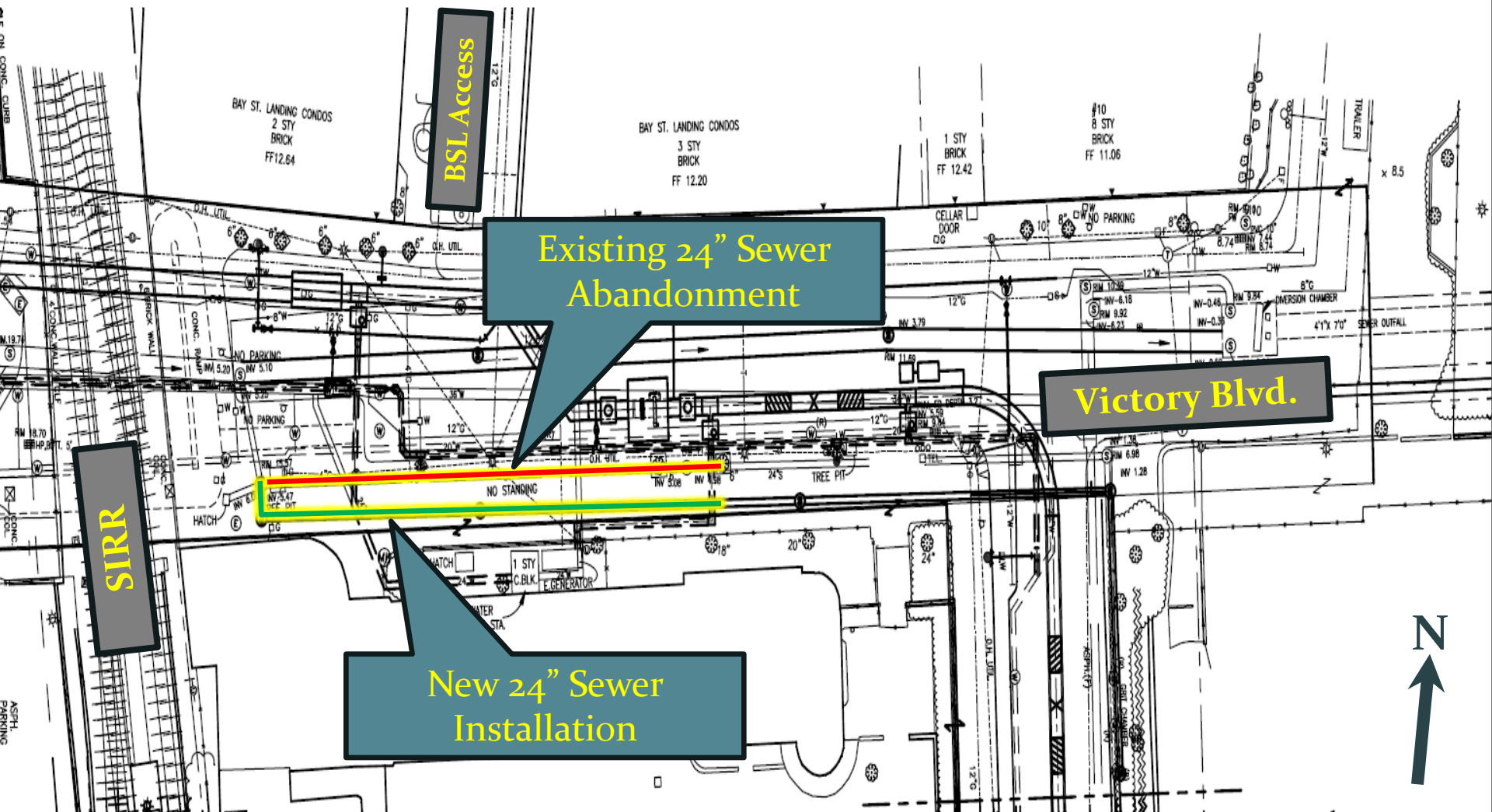
Sewer Reconstruction/Installation



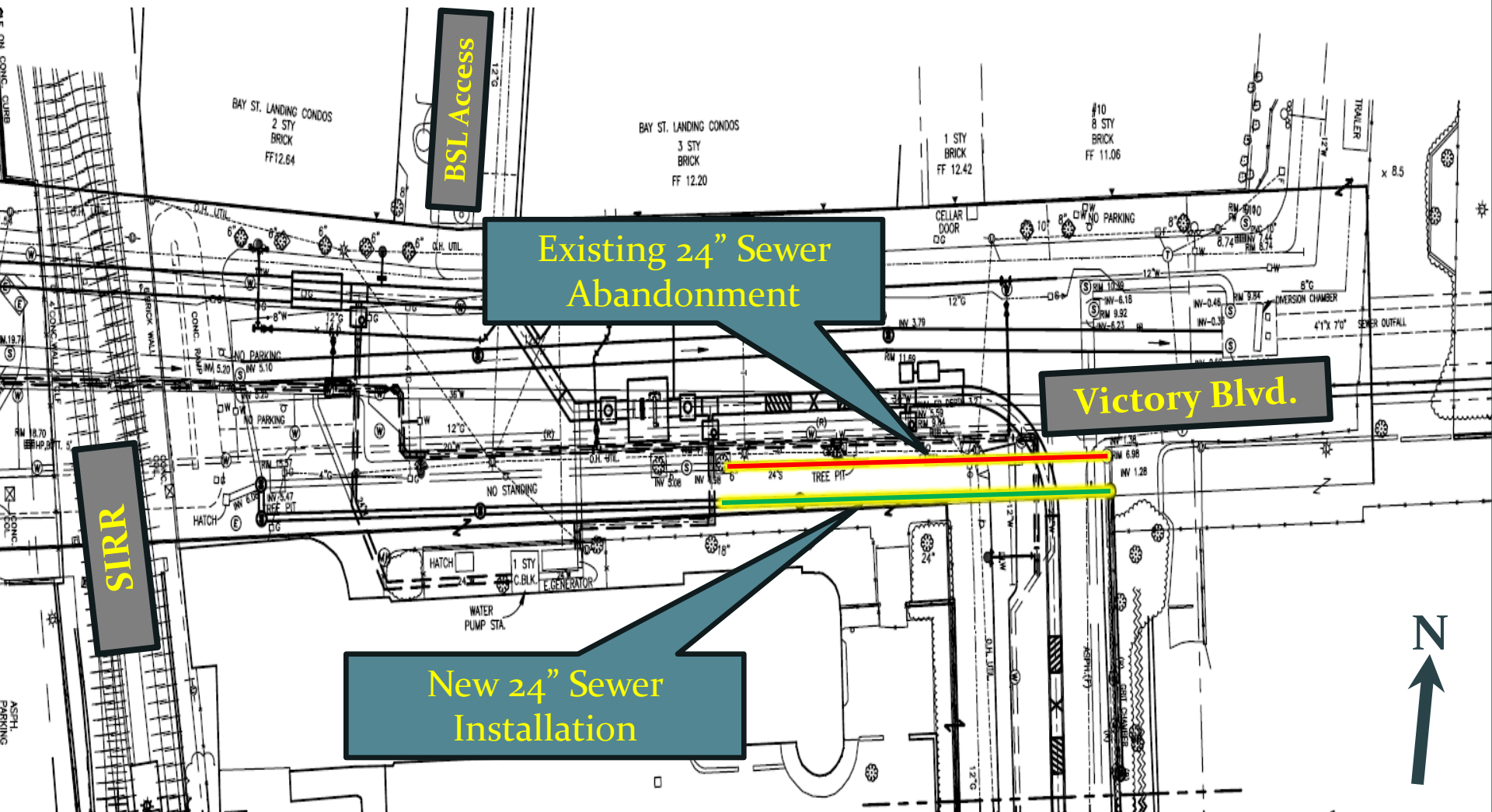
Sewer Reconstruction/Installation



Sewer Reconstruction/Installation



Sewer Reconstruction/Installation



BSL Access

Existing 24" Sewer Abandonment

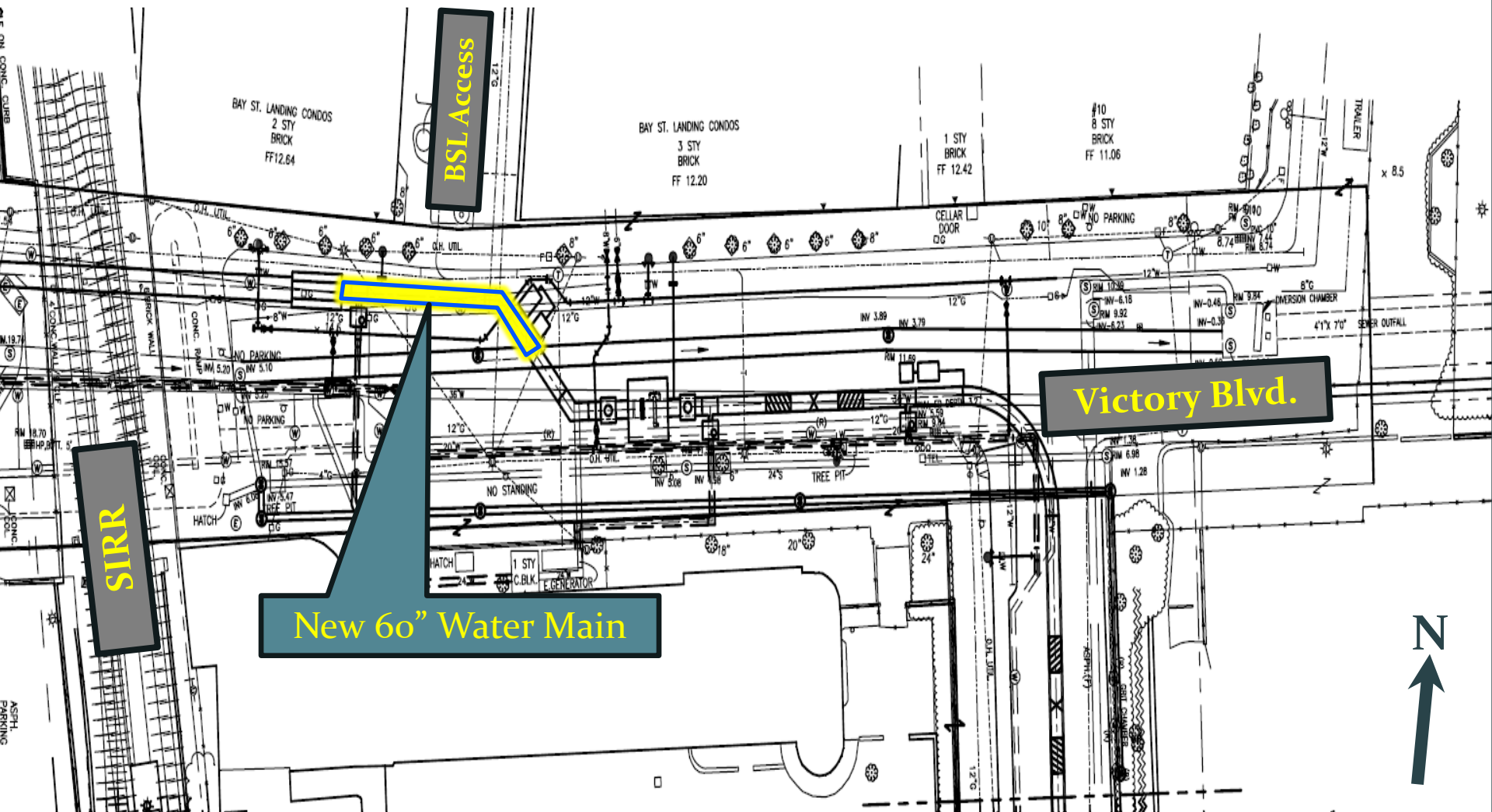
Victory Blvd.

SIRR

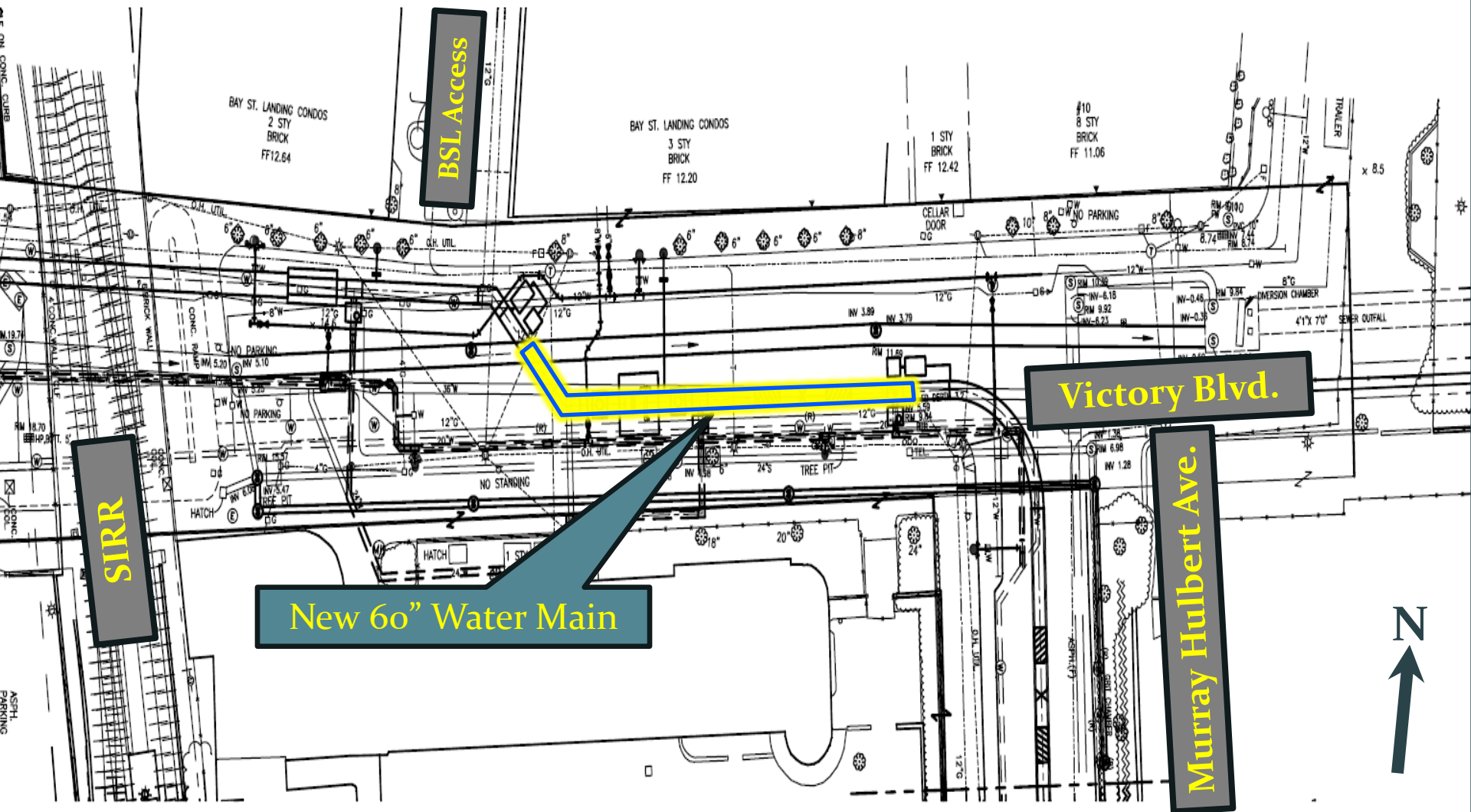
New 24" Sewer Installation



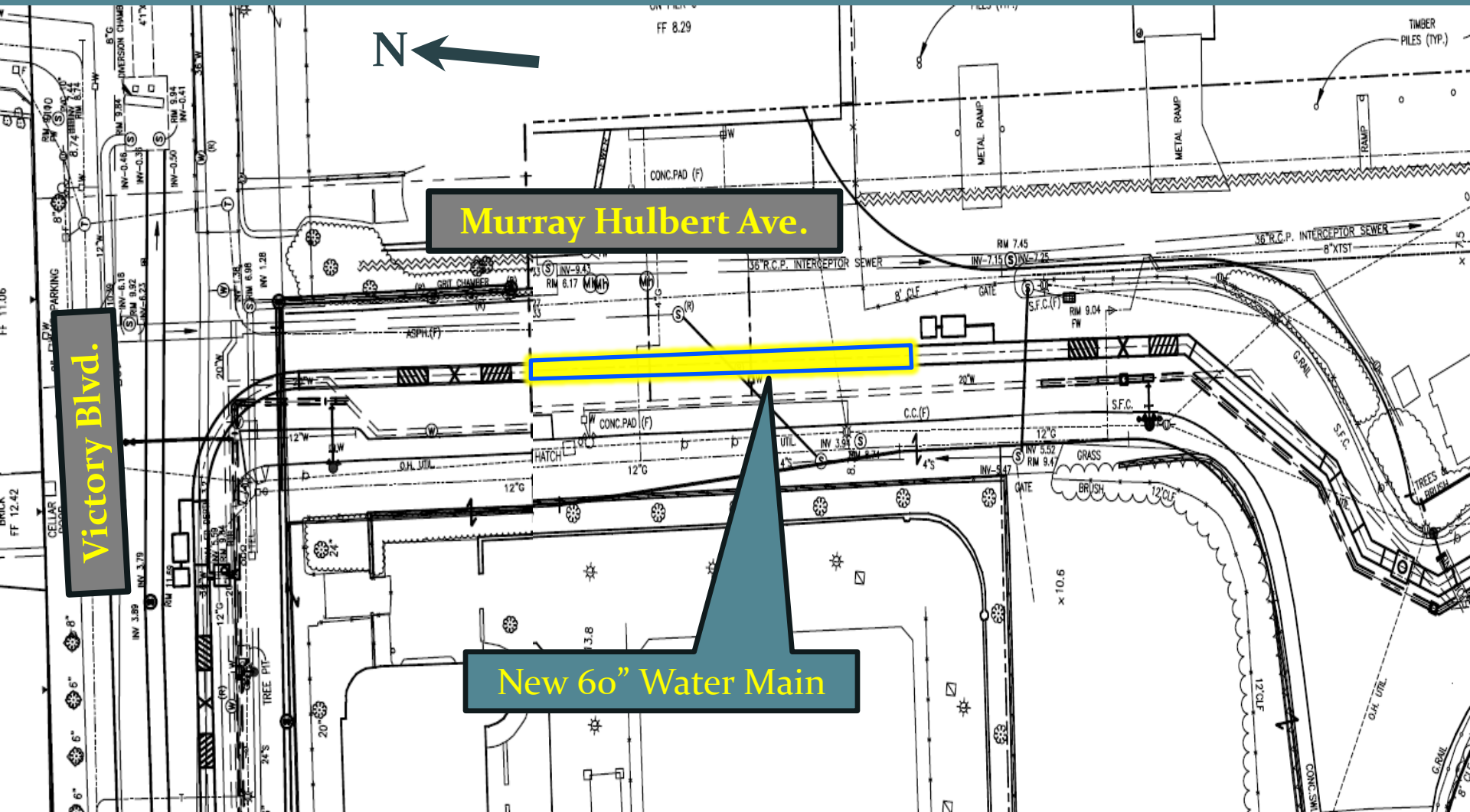
Water Main Installation



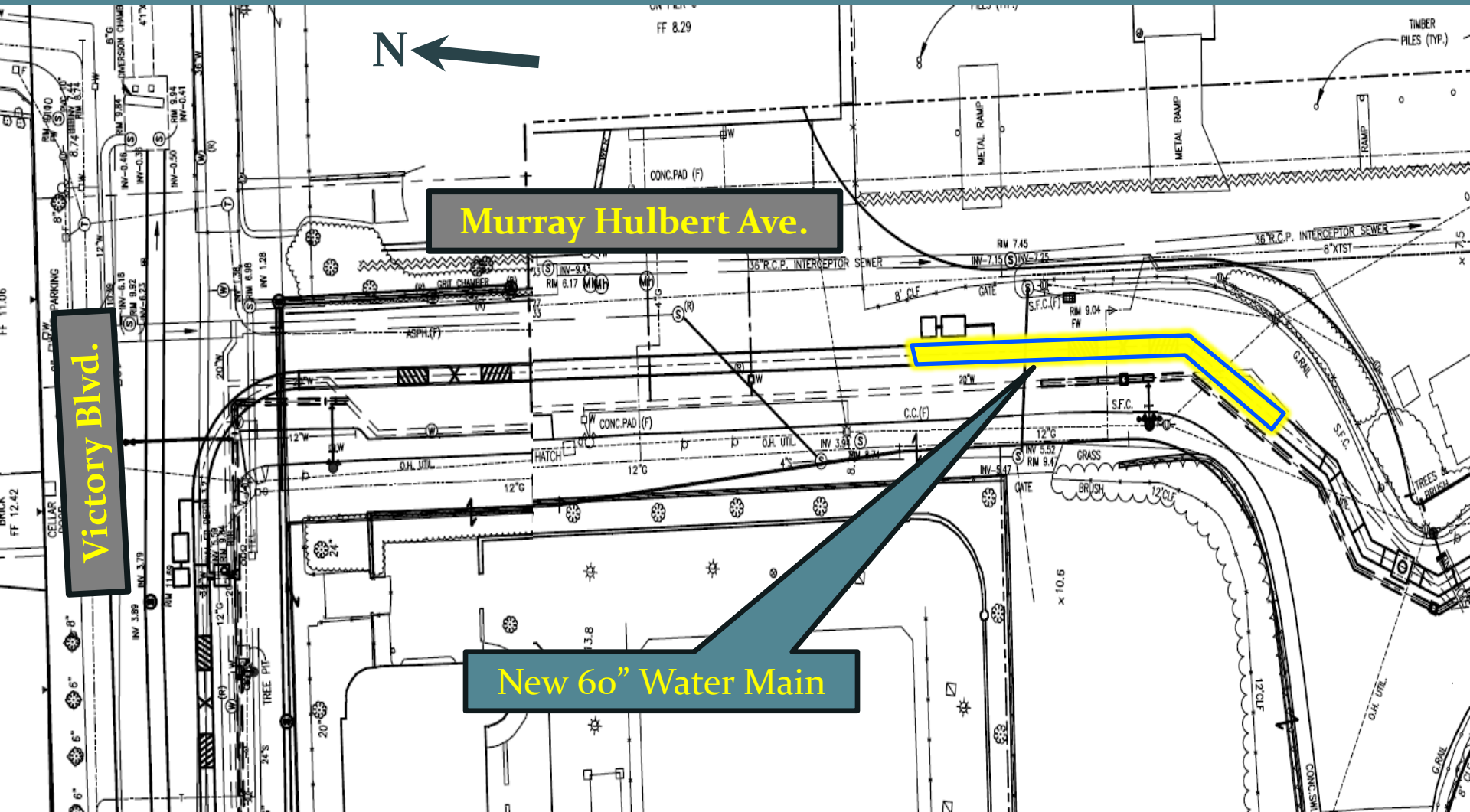
Water Main Installation



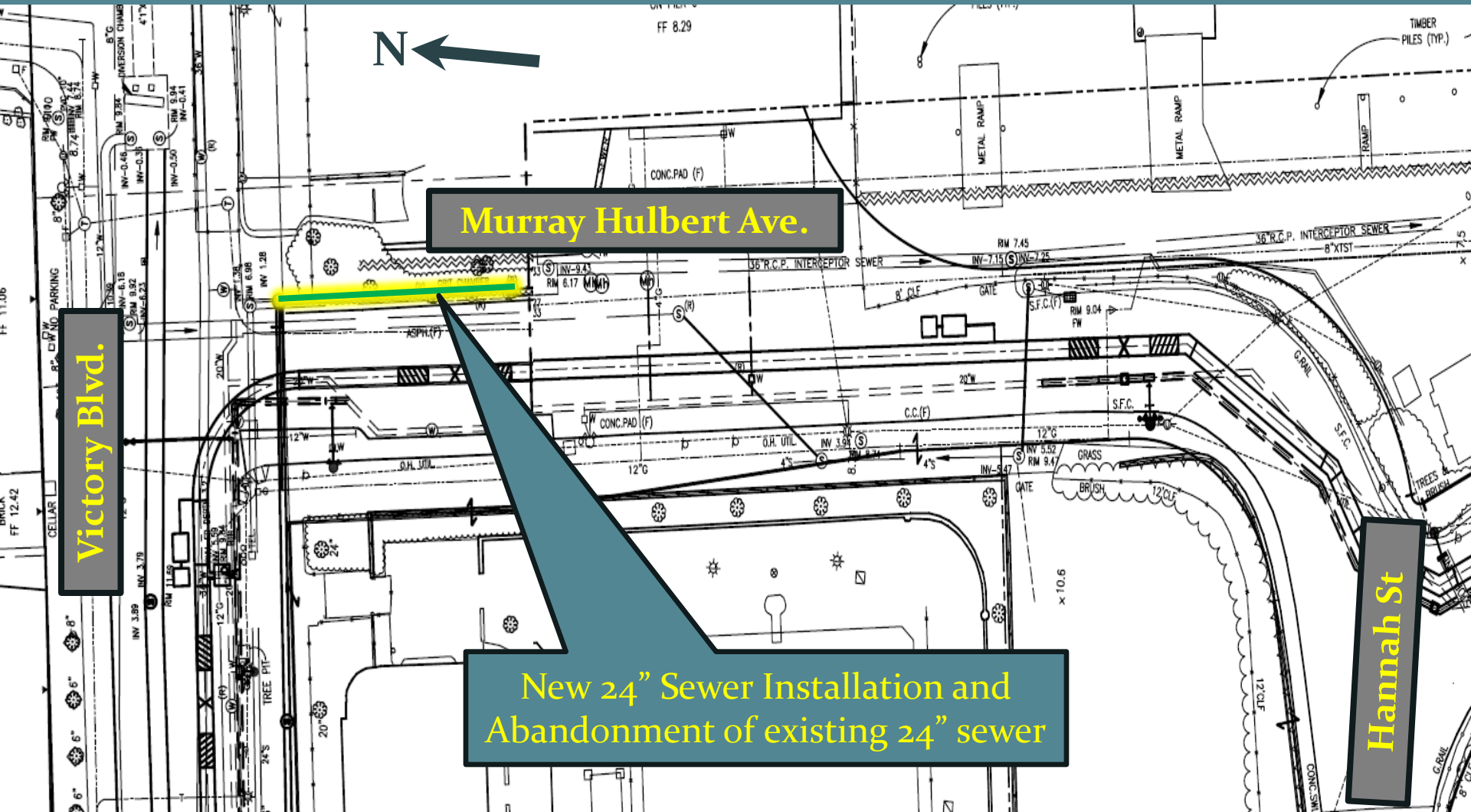
Water Main Installation



Water Main Installation



Sewer Installation



Murray Hulbert Ave.

Victory Blvd.

New 24" Sewer Installation and Abandonment of existing 24" sewer

Hannah St

Emergency Access



Emergency Access to
Bay Street Landing

Parking

- Parking on street as available with phased construction.
- A meeting was held with NYC Parks. In order to help resolve the parking issue, NYC Parks would like to know the number of vehicles involved and if Bay Street Landing has looked internally for additional parking.

Instrumentation and Monitoring

- Vibration Monitoring
- Settlement Monitoring
- Noise Control (NYC Admin. Code)
- Dust Control

Details of Restoration

According to the contract documents, “it is the Contractor’s responsibility to restore the work area disturbed by construction activities, and repair any damage caused to existing utilities, to its original, or better, condition. Paved areas shall be restored to match existing conditions as approved.”



Thank You!

Questions?