North St. Elmo Drainage System Improvements

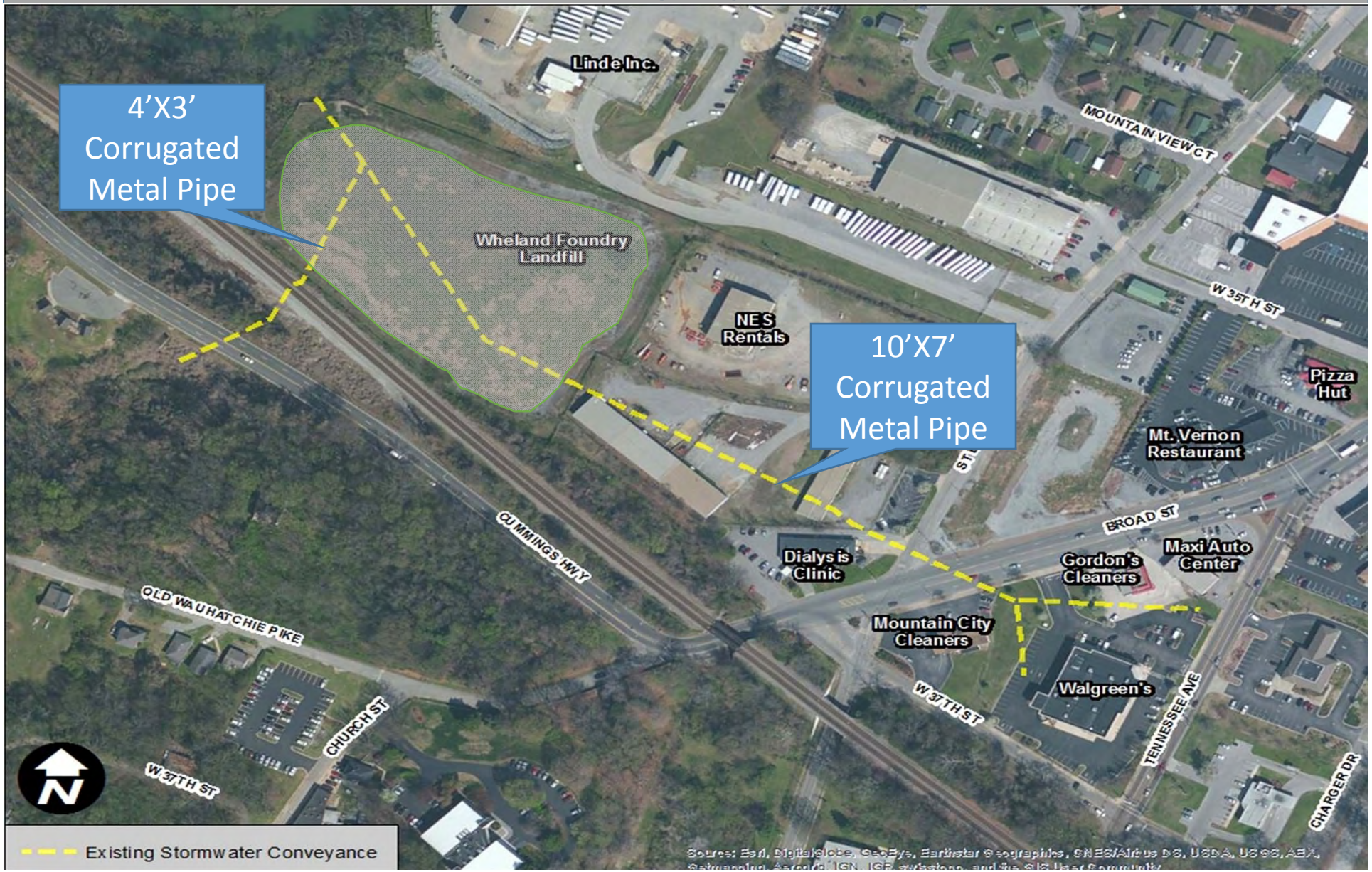
Presented By:

INTRODUCTIONS

PROJECT BACKGROUND

CIVIC
EXPERIENCE | TECHNOLOGY | PROGRESS

North St. Elmo Drainage System Improvements



SCOPE OF WORK

CIVIC
EXPERIENCE | TECHNOLOGY | PROGRESS

North St. Elmo Drainage System Improvements

Management of Spent Foundry Sand

- Performed Comprehensive Soil Study
- Identified Areas of "Good"/"Bad" Soil
- Worked side-by-side with TDEC

Developed Soil and Groundwater Management Plan

All Soil will be Stockpiled and Protected On-site During Construction

- Soil Will be Designated for Landfill or Re-use
- Full-Time Dedicated Inspection Staff Will Monitor and Test <u>All</u> Excavated Soils

- "Good" Soil Utilized in the Existing Trench or at Former Bell School Site
- "Bad" Soil will be Hauled to the Santek Solid Waste Facility in Bradley County

"Bad" Soil will be Hauled to Landfill via Broad Street and I-24

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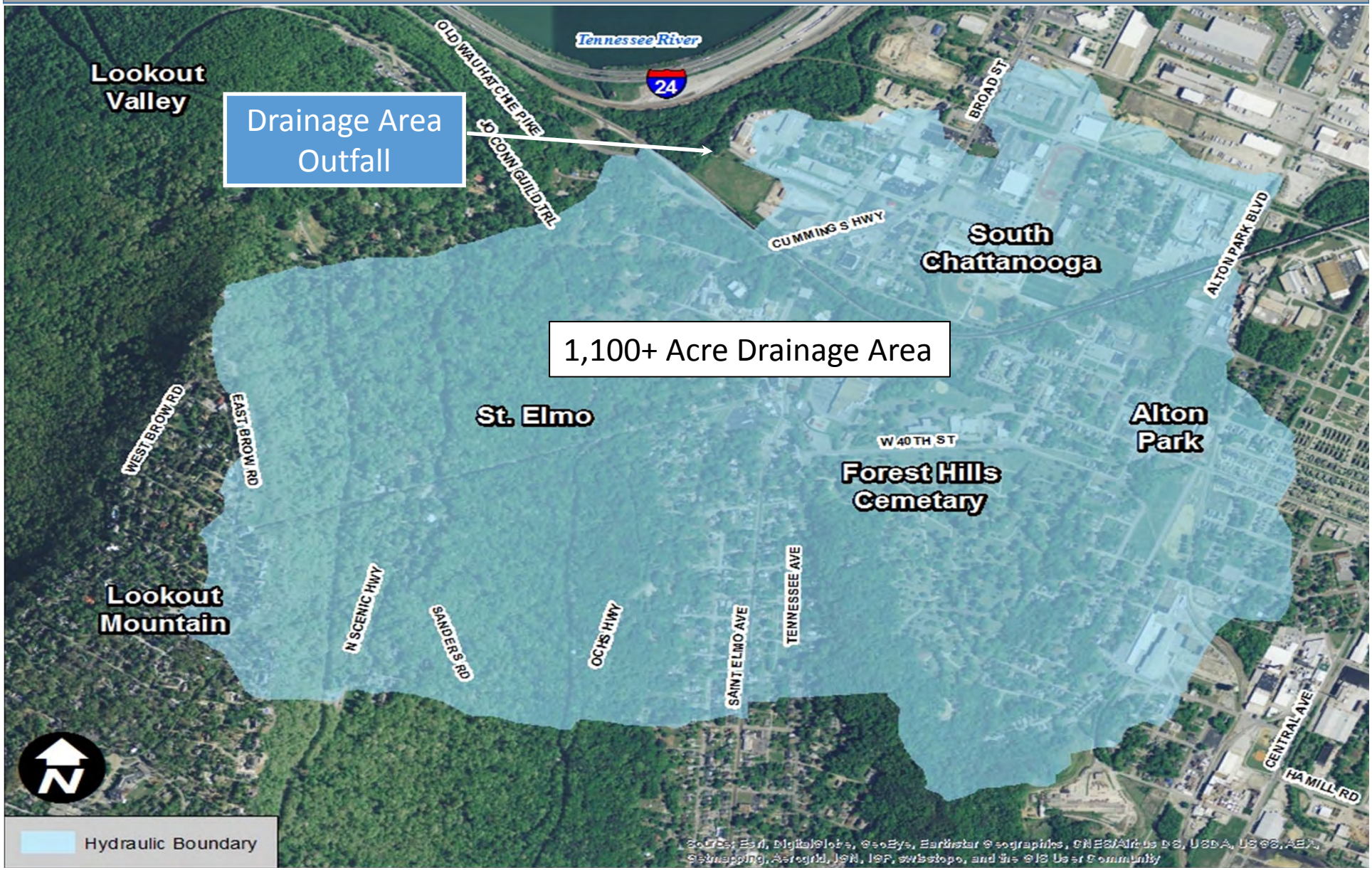

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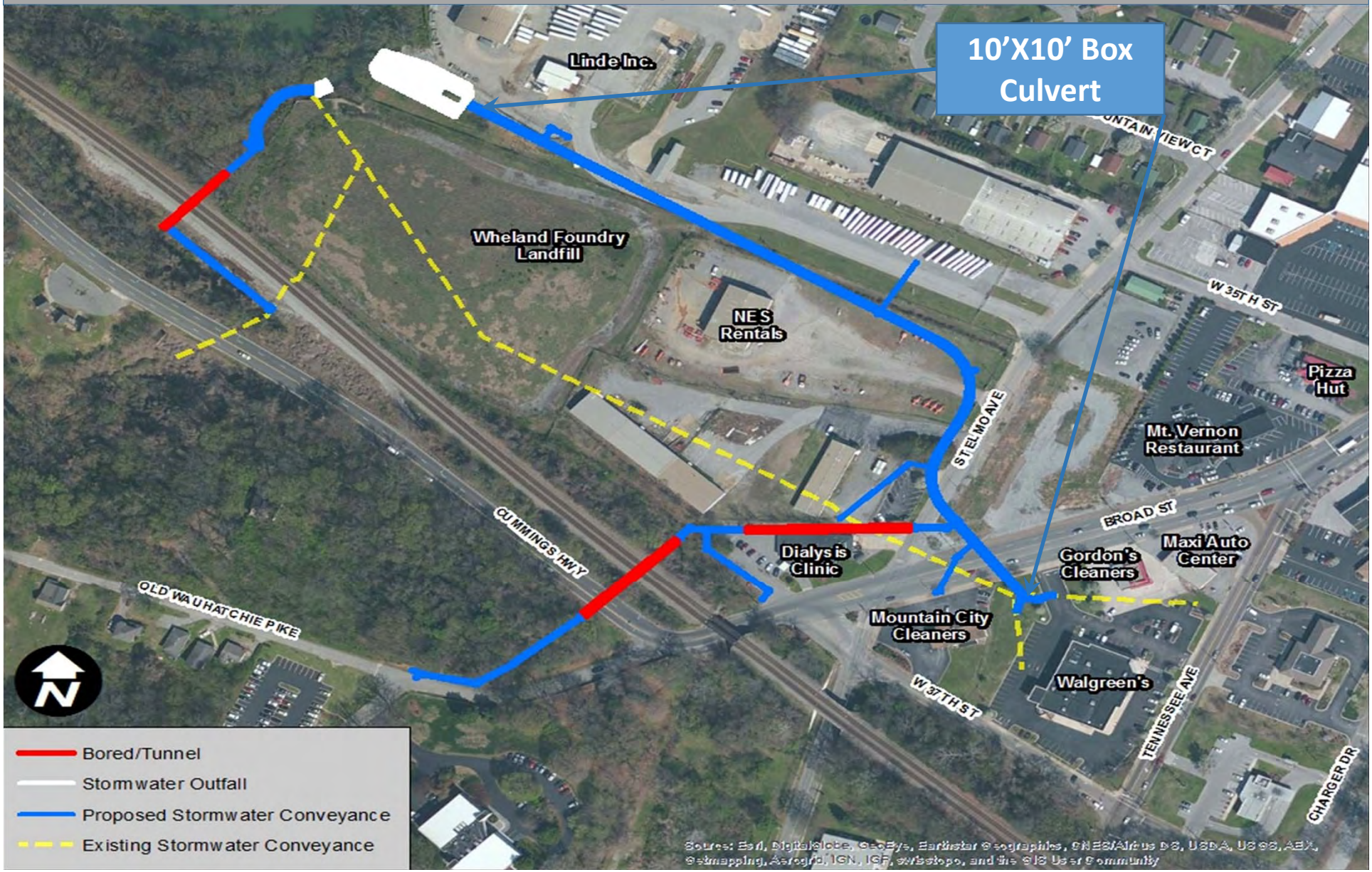

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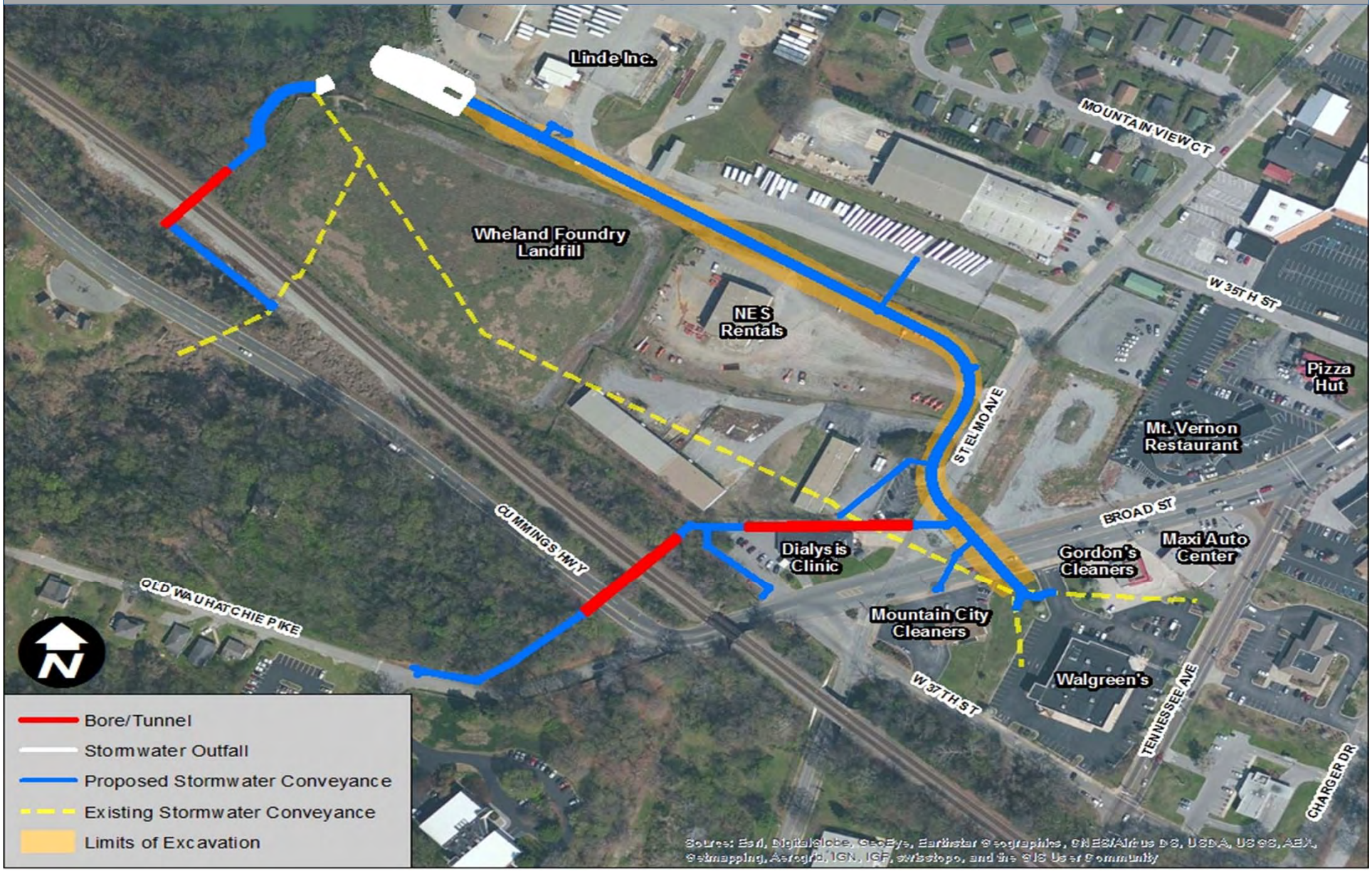

SCOPE OF WORK

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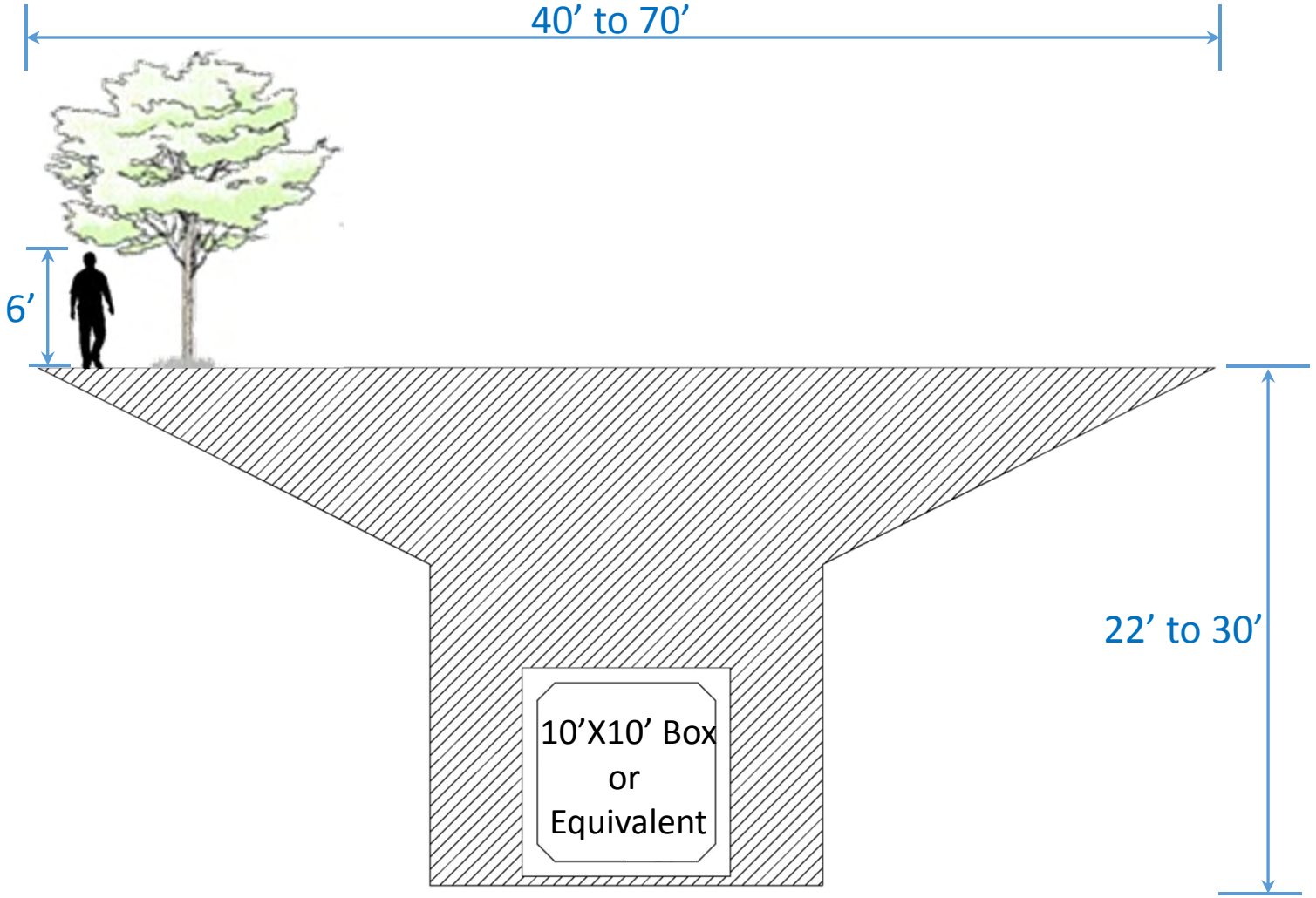
North St. Elmo Drainage System Improvements

The "BIG DIG"



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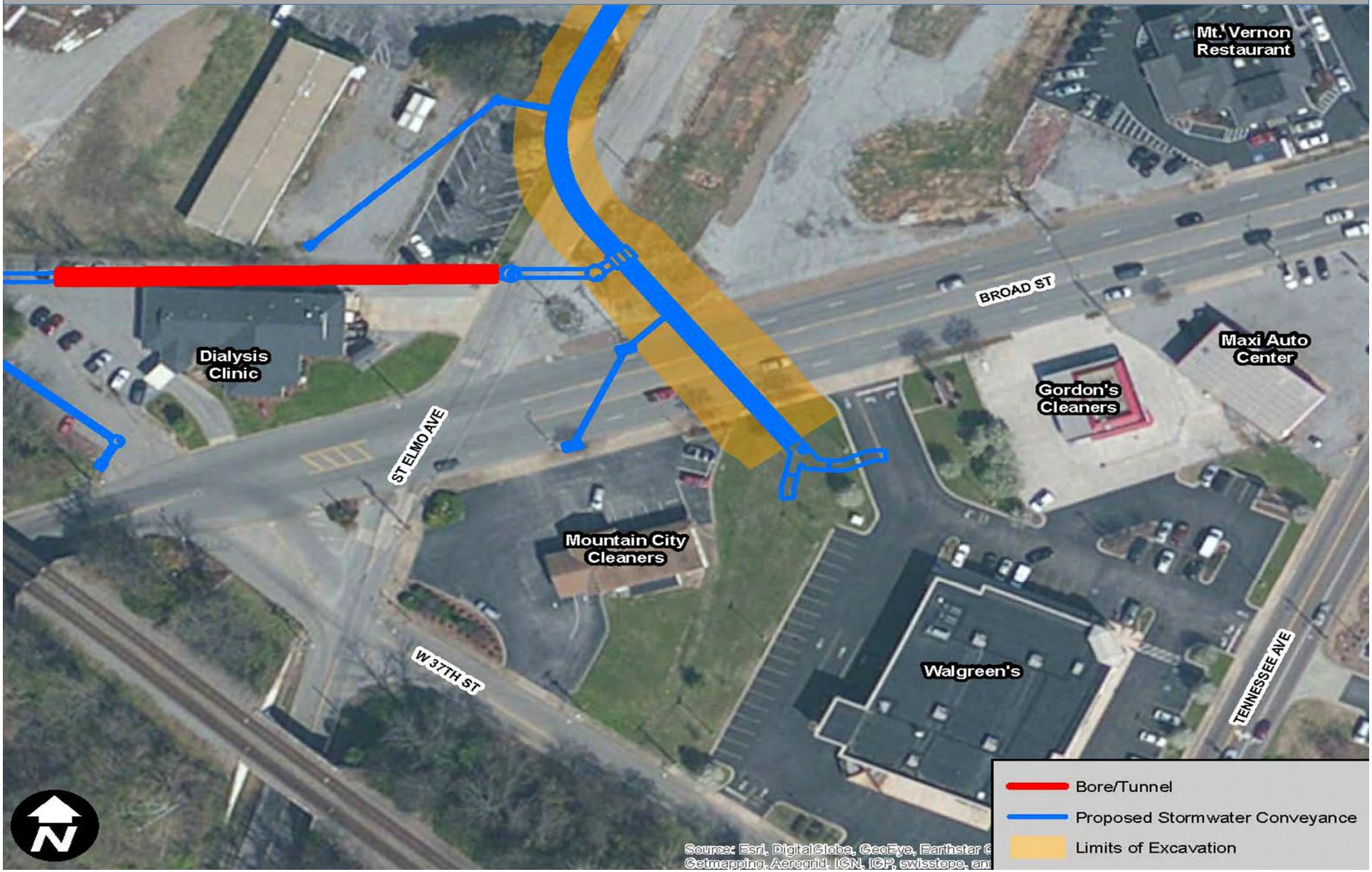

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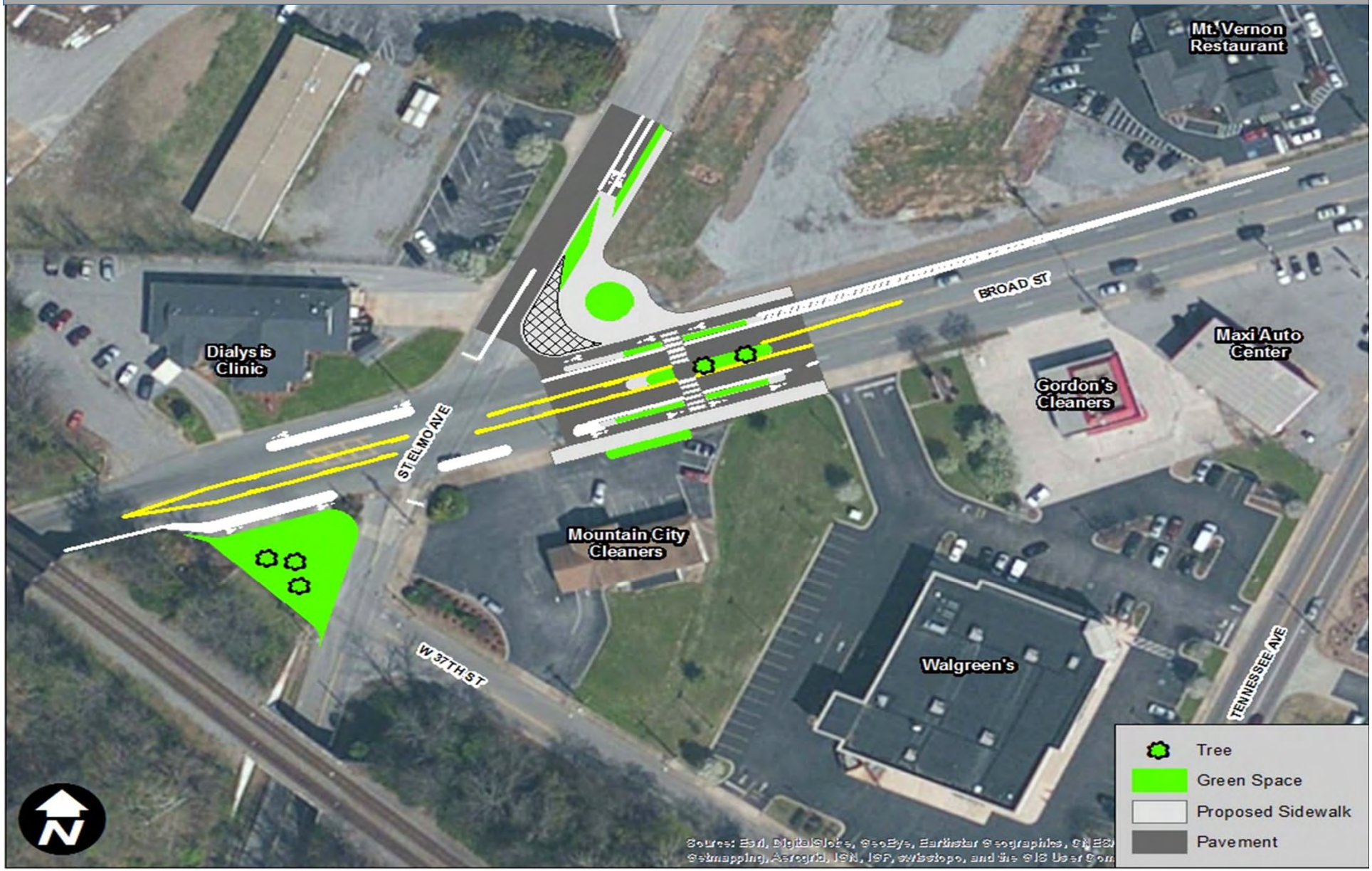

CONSTRUCTION PHASING

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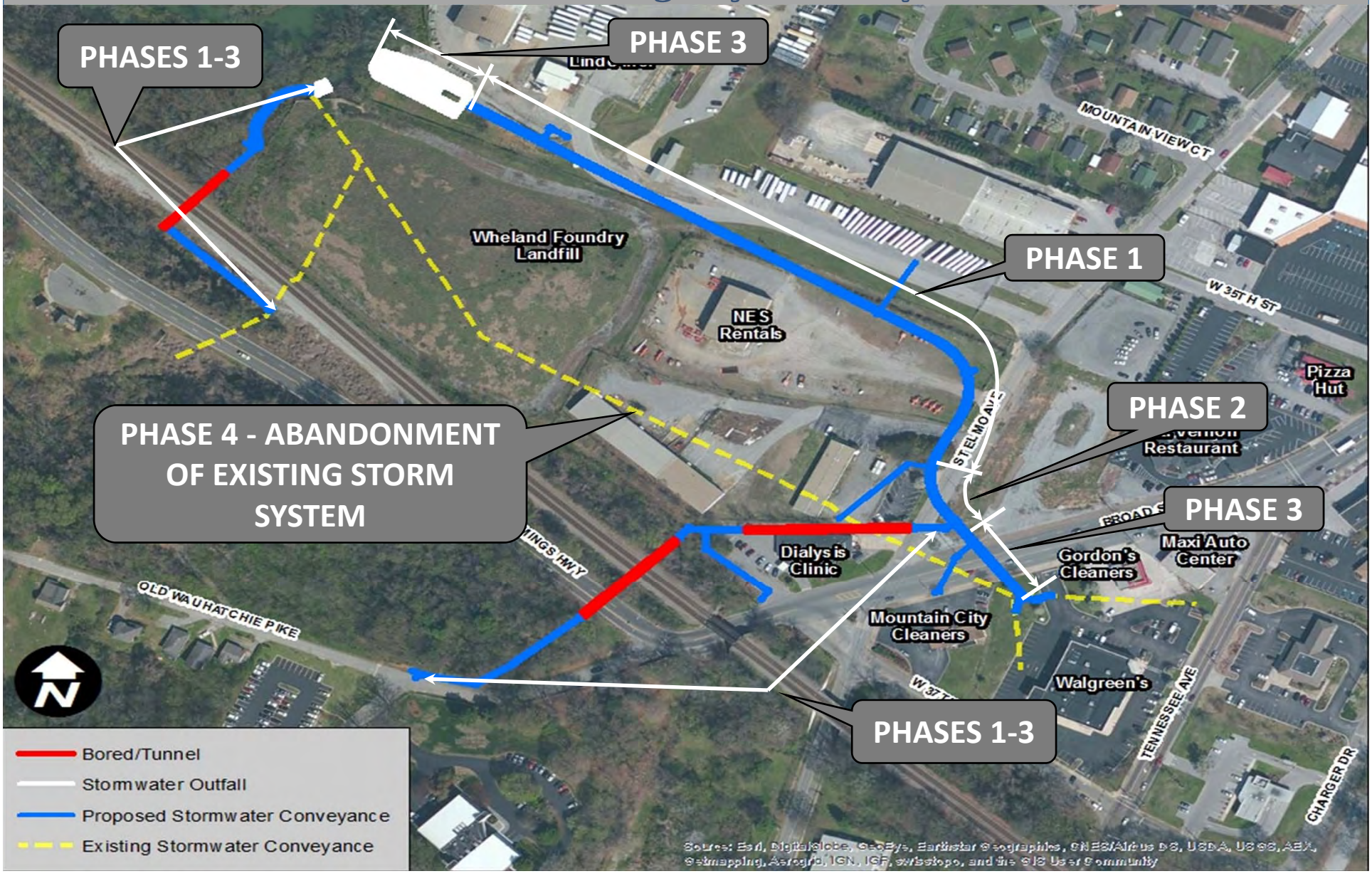

PHASE 2
TRAFFIC DETOUR

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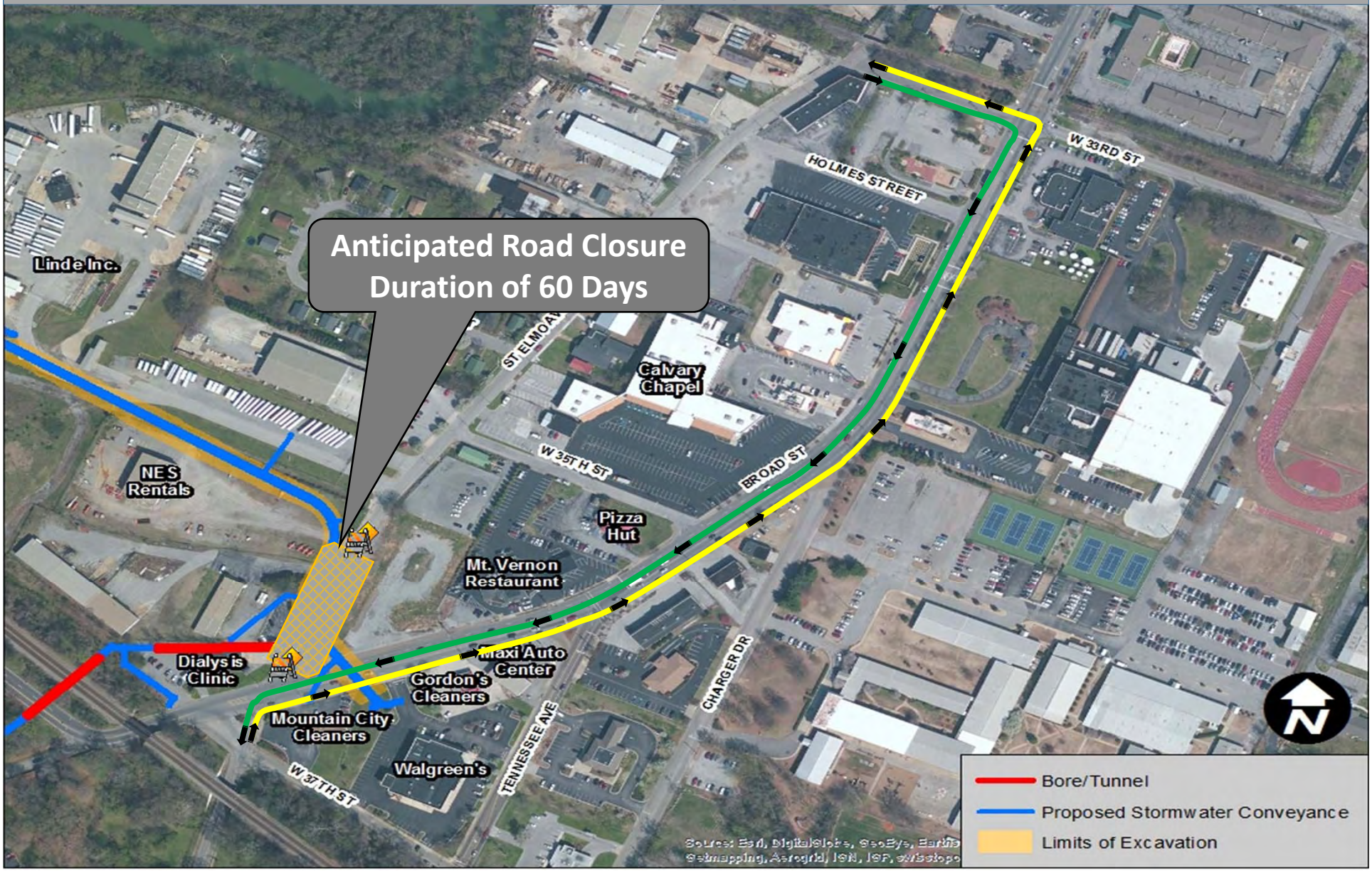

PHASE 3
TRAFFIC DETOUR

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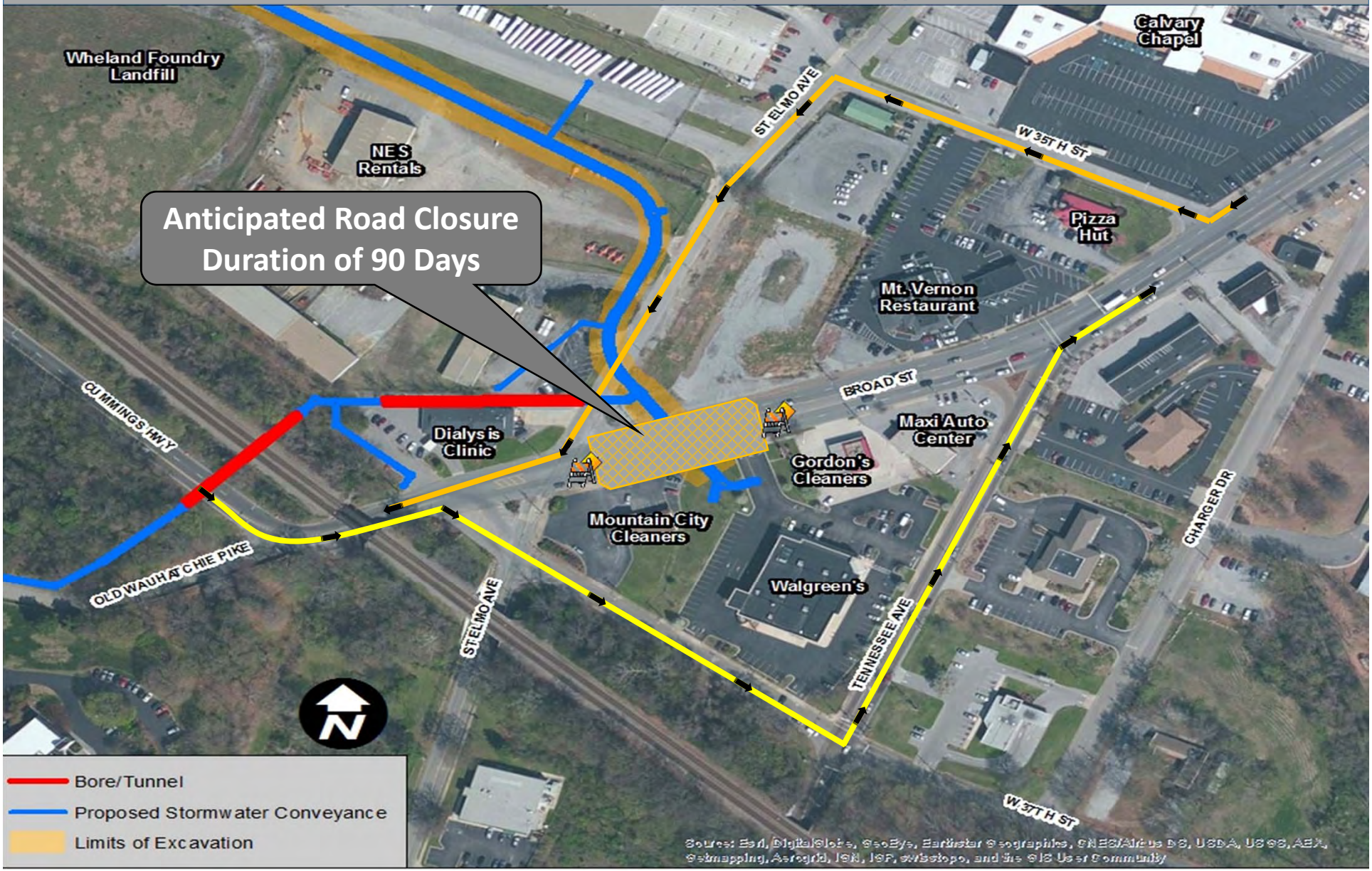

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North St. Elmo Drainage System Improvements

Project Accomplishments

1. Installation of over ½ mile of stormwater infrastructure ranging from 36-inch pipe to 10'X10' box culvert
2. Abandons and Re-routes deteriorating stormwater conveyance away from landfill
3. New infrastructure is increases stormwater capacity to handle a 100-year storm event
4. Improves water quality
5. Streetscape improvements at St. Elmo Avenue and Broad Street to tie in to the Riverwalk Greenway

PROJECT SCHEDULE

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North St. Elmo Drainage System Improvements

- Inventory and Condition Assessment
- Survey and Design
- Utility / Railroad / TDOT Coordination
- Environmental / Railroad Permitting
- R.O.W. / Easement Acquisition
- Pre-Construction Public Meeting

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North St. Elmo Drainage System Improvements

Advertise for Bids
April 2016

Notice to Proceed for Construction
June 2016

Complete Construction
June 2017

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