

Storm Water Services

Lyon Court (Phase 1 and Phase 2) Storm Drainage Improvement Project

Reduce street and structure flooding throughout the neighborhood

Storm Drainage Project Summary



PROJECT CHARACTERISTICS

- Drainage Area = ~311 acres
- System analyzed = 17,000 LF
- System age = ~50 (to 75+) years old
- Pipe to be installed: 11,400 feet of concrete pipe (from 15" up to 54")
- Culvert to be installed: 1,300 feet of concrete box: (size ranges from a dual 8'x8' + 8'x6' down to a single 5'x4')
- Channel Enhancement: ~3,000 feet of stream (size/pattern/profile)

STORMWATER CONCERNS TO BE ADDRESSED WITH PROJECT

- Reduce Road Flooding
- Reduce Structure Flooding
- Replacing Deteriorating/Failing and Undersized Infrastructure

KEY TEAM MEMBERS



Planning/Design:

- **Charlotte Department of Transportation**
 - **Design Group**
 - **Traffic Control**
 - **Street Maintenance Division**
- **City of Charlotte Landscape Management**
- **Charlotte Water**
- **NCDEQ and USACE (Environmental Permitting)**
- **Mecklenburg County Park and Recreation – Veterans Park**
- **Private Utilities: Duke Energy, AT&T, Spectrum, Piedmont Natural Gas, etc.**

Engineering:

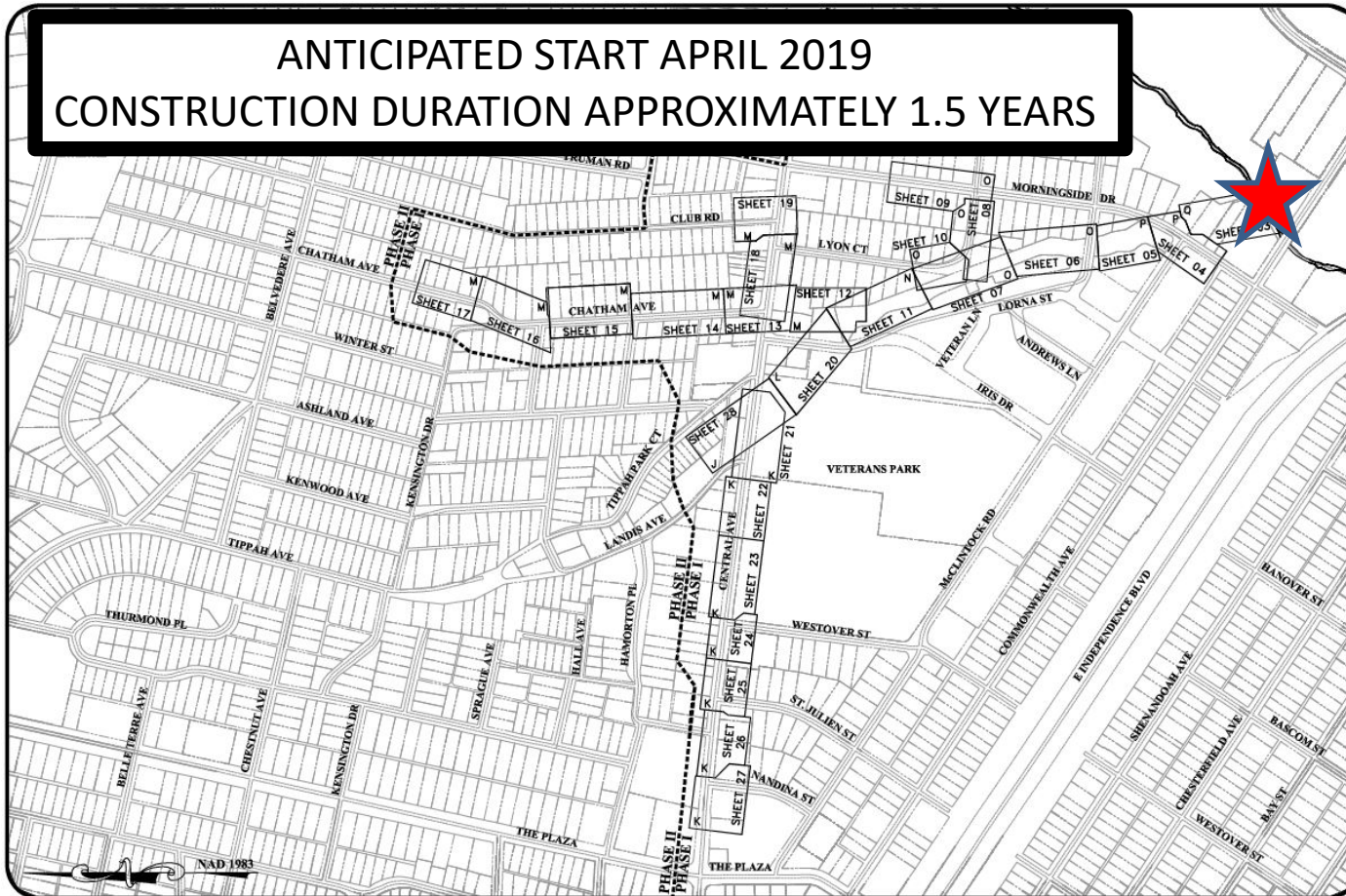
- **LaBella Associates, PC**

Construction:

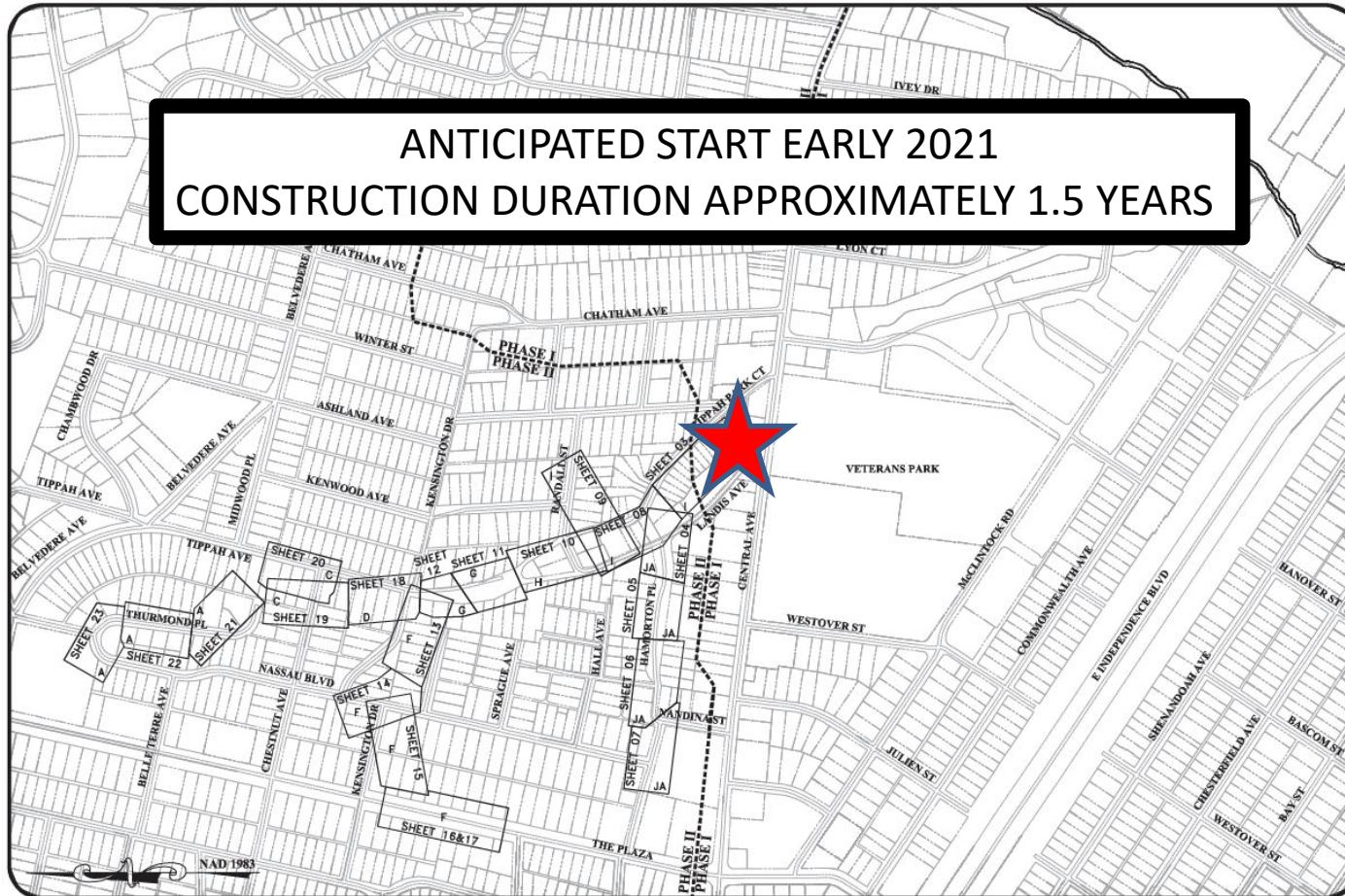
- **Sealand Contractors Corp.**

Construction Areas (Phase 1)

ANTICIPATED START APRIL 2019
CONSTRUCTION DURATION APPROXIMATELY 1.5 YEARS



Construction Areas (Phase 2)



What to Expect



❖ **What should I expect to see?**

Construction can be loud, dirty and inconvenient. Crews will be using heavy equipment and storing materials (dirt, pipe) on-site. It will be muddy and the contractor will clean the area as needed.

❖ **Will I lose driveway access to my property?**

Driveway access will be limited while crews are working on the one-to-two block area. Crews will provide temporary access as soon as possible.

❖ **Will my water or sewer services be disrupted during construction?**

If a service interruption becomes necessary, affected customers will be notified 72-hours in advance. Any unplanned service outages are considered an emergency.

❖ **Impacts to On Street Parking?**

May be reduced to one side of the street or eliminated in order to provide safe access for construction vehicles.

What to Expect



❖ Will traffic be impacted?

Some intersections will be closed for extended timeframes in order to install the storm water pipe. Streets with active construction will generally be closed to through traffic.

❖ What is taking so long?

The contractor is installing lots of pipe.

Some will be installed at depths of up to 20+ feet.

❖ What?/When?/How long?

- The duration of the construction contract is 3 years pending unforeseen issues.
- Please find the Construction Plan Sheet associated with your property on the tables in the room for more detailed work on your street and anticipated dates of construction in those areas.

Key Contacts



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