



# Utility Pole FAQs

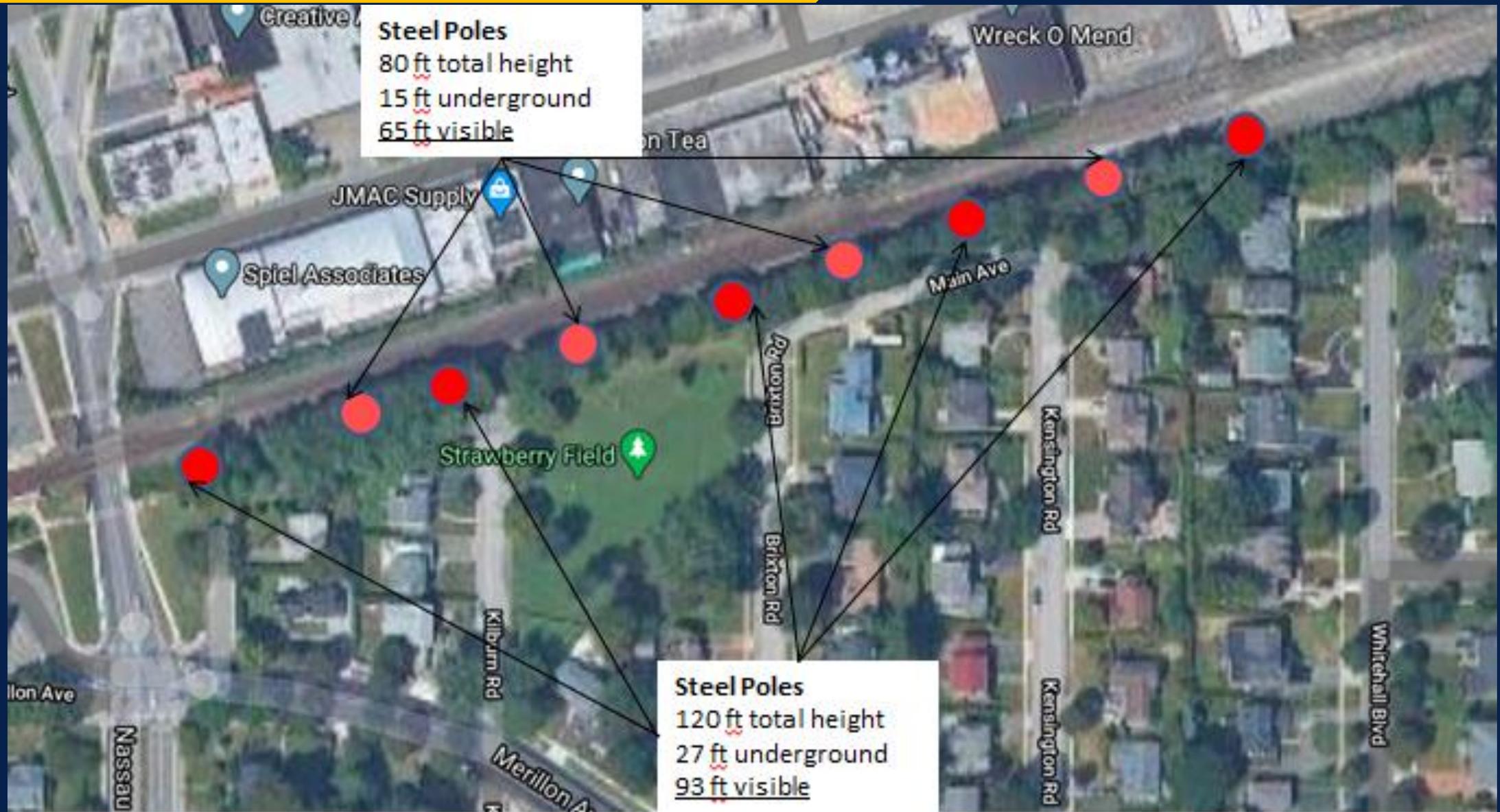
# Utility Pole Relocation

- The LIRR Expansion Project team has received several inquiries from residents regarding the installation of new permanent utility poles within the Village of Garden City.
- We have prepared a "Frequently Asked Questions" to share information and respond to these inquiries.
- We encourage community members to contact us through our hotline and email, located on the "Contact Us" slide, for additional questions.

# Garden City Steel Pole Locations



# Garden City Steel Pole Locations



## How tall are the new steel poles? Does that height include only the above ground portion?

- Industry terminology generally describes the entire length of the pole, including the below-ground portion.
- Therefore, a 120-foot-tall pole (maximum planned) may entail 27 feet of below ground structure. To the public, the pole would appear to be 90-100 feet tall.
- New poles have been designed with post Superstorm Sandy resiliency standards

# What is the height of the new utility poles in the Village of Garden City?

- **New Hyde Park Road to Tanners Pond Road**
  - 5 wooden poles on the south side of the tracks approximately 55 feet above ground
- **East of Tanners Pond Road to Merillon Station**
  - 15 wooden poles on the south side of the tracks approximately 55 feet above ground
- **Merillon Station to Nassau Boulevard**
  - 5 steel poles on the south side of the tracks at 93 feet above ground
  - 5 wooden poles on the south side of the tracks 70 feet above ground

## What is the height of the new utility poles in the Village of Garden City? (cont.)

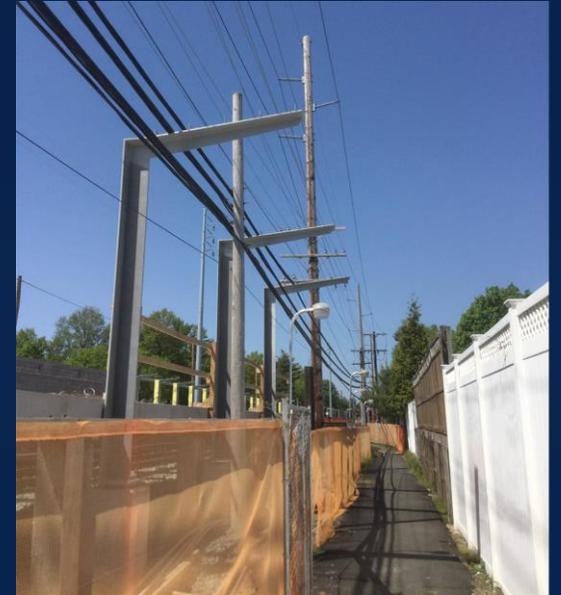
- East of Nassau Blvd to Whitehall Blvd
  - 9 steel poles ranging from 65 feet to 93 feet above ground
- Whitehall Blvd to Herricks Rd
  - 14 wooden poles ranging from 45 to 55 feet above ground

## Why do the utility poles need to be so tall?

- Need to carry PSEG-LI electrical service and LIRR signals, communications and power
- Separate utilities by a sufficient distance to minimize risk to maintenance workers
- Conform with updated utility codes
- Avoid Trees
- Minimizes potential future utility construction within the Village

# Why can't these poles be installed on the north side of the tracks?

- Installing poles on the north side of the tracks was evaluated on a conceptual level
- 3TC's advanced evaluation of the site made clear of the spatial constraints of the 6' pole base between the station, platform, sound wall, residential properties, stairs, ramps and sidewalks
- New resilient poles needed to be installed while maintaining active train operations and passenger platforms
- Utility coordination – PSEG 69kV outage, PSEG 13.2kV outage, LIRR 2.2kV outage – all occurred simultaneously
- Careful scheduling due to utility relocation conflicts, temporary and permanent platforms, and elevator construction



## Did the Village of Garden City approve this change?

- No. Village approval of this design change was not required as these are utility poles placed within LIRR property.
- However 3TC is coordinating with the Village to enhance landscaping plans to provide a visual buffer and improve the overall aesthetics of the area.

## Is Garden City the only community getting new tall steel poles?

- No. Garden City is not the only community getting new tall steel poles
- 3TC will be installing 93 steel poles along the project corridor
- The EIS described corridor-wide utility relocation and included illustrative renderings of tall steel utility poles in several communities

## Can't the need for the new poles be eliminated by burying/enclosing the power lines?

- Multiple utility lines run along the corridor
- Some utilities have been buried within the LIRR right-of-way, including railroad traction power. Redundant above-ground systems are necessary to ensure continuous operations.
- Not all utilities can be buried – due to space constraints, safety requirements, maintenance needs, cost, and schedule
- In some cases, overhead utilities are more reliable, resilient, cost-effective, and easier to maintain

# Are these poles the best way to supply power as needed in the least impactful way to the Village?

- Benefits include:
  - Stronger material than wood, more resilient to severe storm events
  - Higher than most trees to avoid being affected by down trees
  - Increases distance between high-voltage wires
  - Adds redundant systems to ensure more reliable source of power
  - As compared to buried utilities, maintenance is less intrusive and less disruptive to community
  - Visual streamlining
  - Standardized poles per PSEG-LI guidelines

# Landscaping Plan – Example



- The project team is developing a landscaping plan to buffer the views of the utility poles.

# Contact Us



24/7 Community Hotline  
**(516) 203–4955**



Email  
**CommunityOutreach@  
LIRRExpansion.com**



Website  
**www.LIRRExpansion.com**  
**www.AModernLI.com**



Community Information Center  
**114 Old Country Road**  
**Mineola, NY 11501**  
*Temporarily closed*



Twitter



Instagram



Facebook

**@AModernLI**



**Thank You!**