

Transforming TLC Woodside Facility *Reconstruction and Enhancements*

MARCH 6, 2024



Why Are We Reconstructing ?

- **To mitigate structural degradation and foundation issues**
- **To meet increasing demand for inspection services**

Original Scope
High-Level

- **New administrative building**
- **New parking garage and visitors parking lot**
- **New more conveniently located restrooms**
 - For staff closer to lane operations
 - For licensees near waiting area

Original Scope *continued*

- **New equipment and replacement of aging equipment**
 - All-wheel drive dynamometer
 - Speed lift
 - Brake tester
 - Garage doors, signage
 - Inspection facility roof
- **New inspection lane**
- **New traffic flow**

Enhanced Scope

Considers fleets of the future

Electric vehicle charging

- **70 EV chargers**
 - 30 Level 3 fast chargers
 - 40 Level 2 chargers
- **\$31.6 million funded**
 - City will seek partial reimbursement from grants such as ConEd Power Ready program
- **Supports multiple City initiatives**
 - **Mayoral EO #90** – Accelerates EV adoption for NYC fleet
 - **Green Rides** – 100% rideshare trips to be conducted by either zero-emission/WAVs by 2030
 - **PlaNYC** – Transition taxis/for-hire vehicles to EVs

New Administrative Offices

*Cantilevered design reduces
negative impact of poor soil
quality*

*Opens more ground
space for inspection
operations*



New Administrative Offices





Cross Section of New Building



Shared Staff Spaces

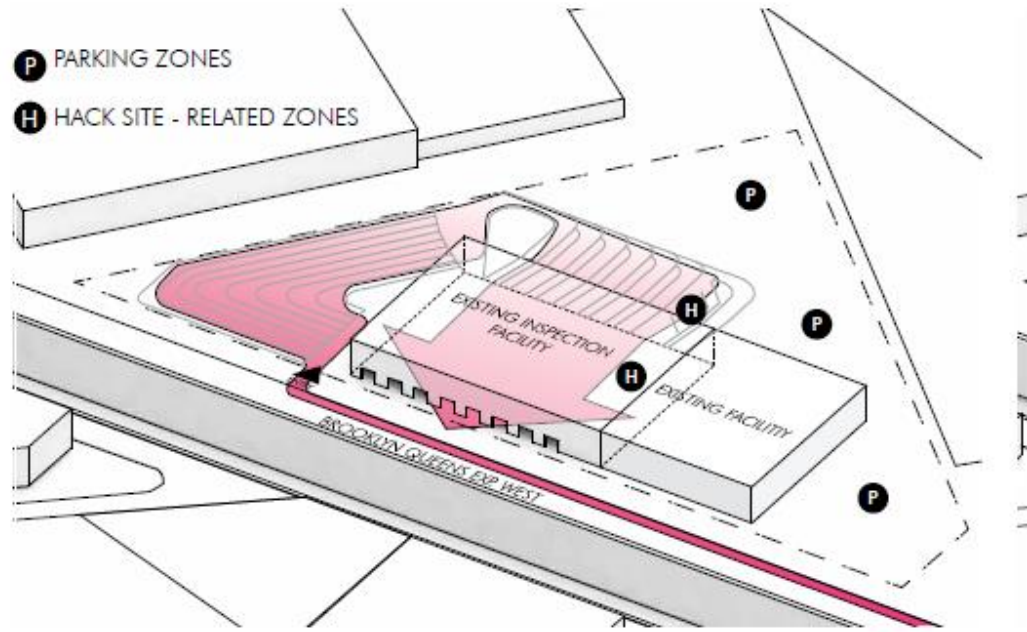
Increased Demand for Inspection Services

- **42% increase in licensed vehicles**
2014 = over 81,000
2024 = over 115,000
- **New vehicle flow pattern**
Increases inspection capacity by 200
Cars/day

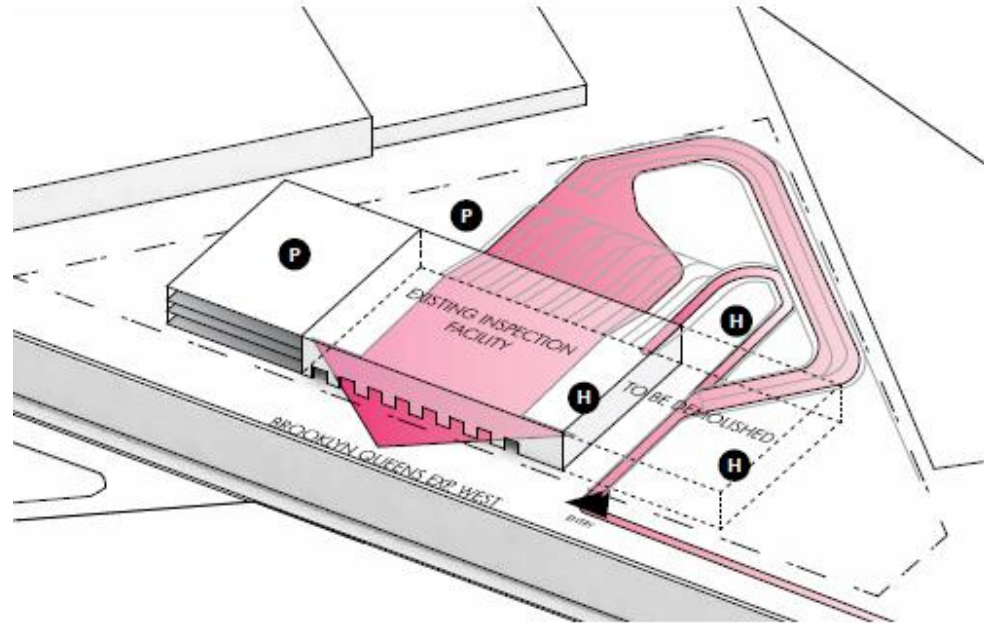
Reduces street congestion and risks
associated with arriving and exiting
traffic

Vehicle Flow Pattern

Today



Future



New South Entrance

All licensees enter here for both hack site and inspection services



Dedicated Hack Site Area

Moves space out of lanes

Provides on-site parking



Hack Site Lobby



Former

Future



Hack Site Lobby





New Garage

Sustainable and energy- efficient solutions

- **Landscape/streetscape improvements**
 - green spaces, bioswales, permeable pavements will reduce stormwater runoff
- **LEED Silver certification**
 - Integrating solar panels and variable refrigerant flow systems for HVAC
- **City's green building law**
 - Requires City funded facilities to be designed more energy efficient
- **70 EV chargers for TLC fleet and facility visitors**



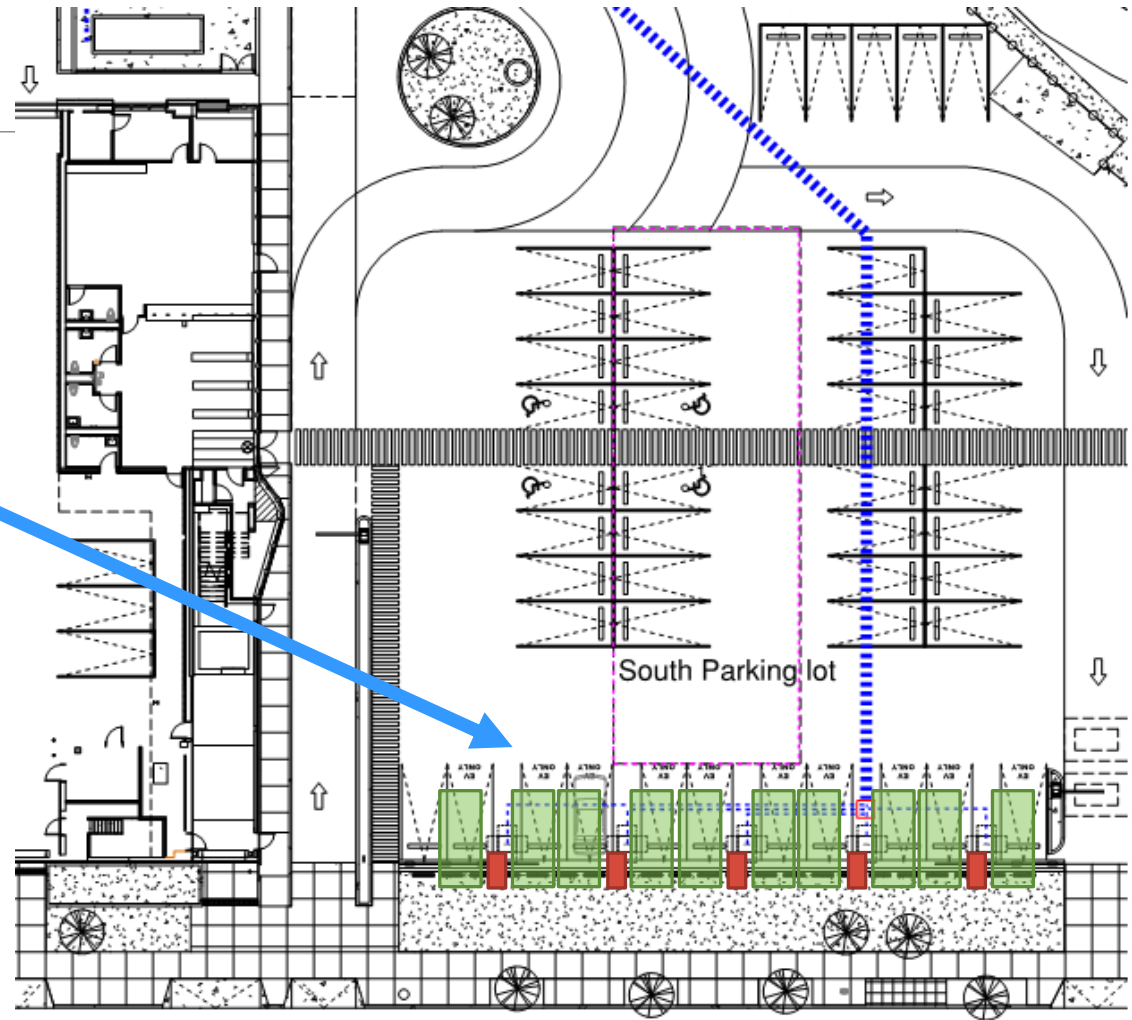
Green Spaces

EV Charging

Public – Level 3

South Parking Lot

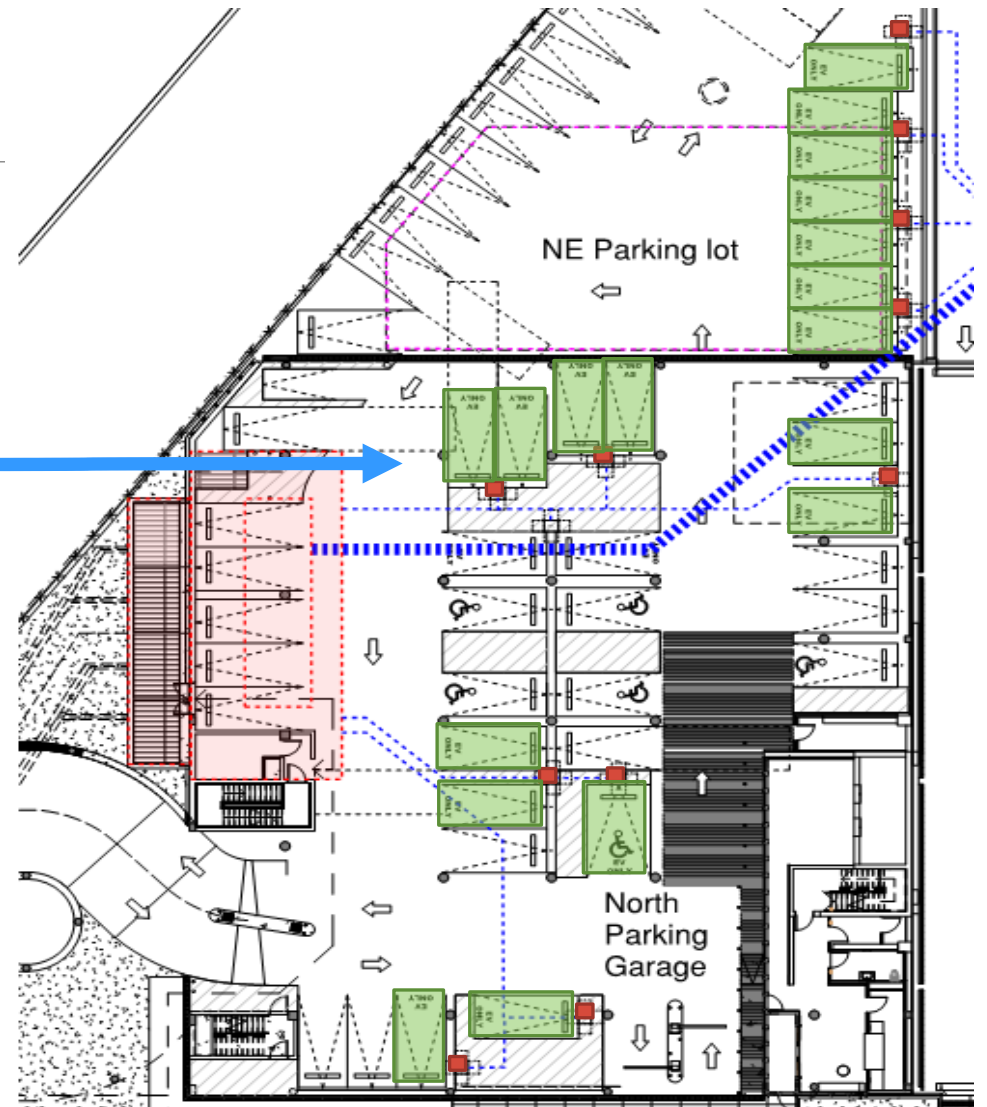
- 10 Level 3 fast charging ports



EV Charging

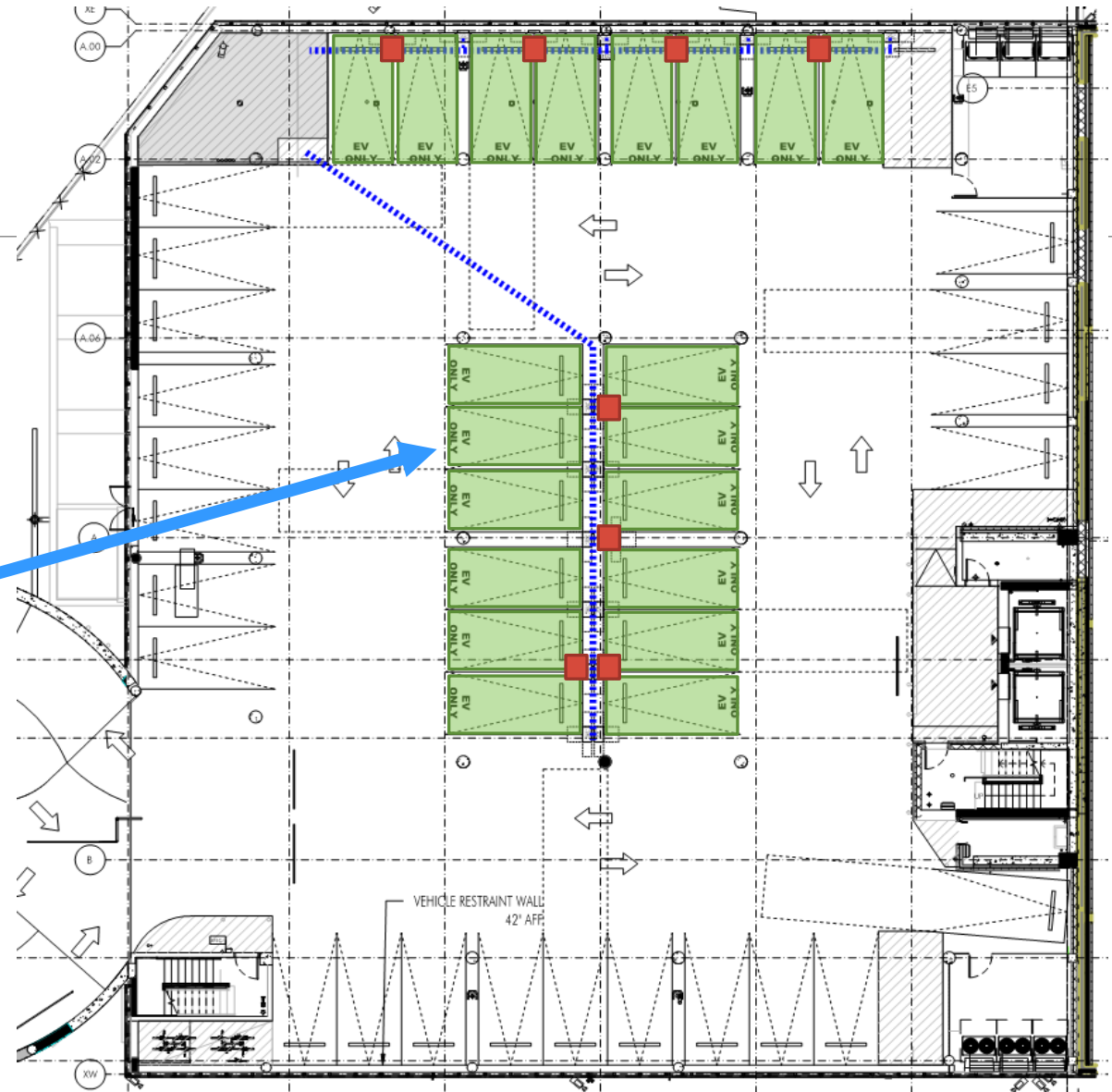
Public – Level 3

**North Parking Garage 1st Floor/Lot
20 Level-3 fast charging ports**



EV Charging *Private – Level 2*

**North Parking Garage
2nd and 3rd floor
20 chargers per floor**



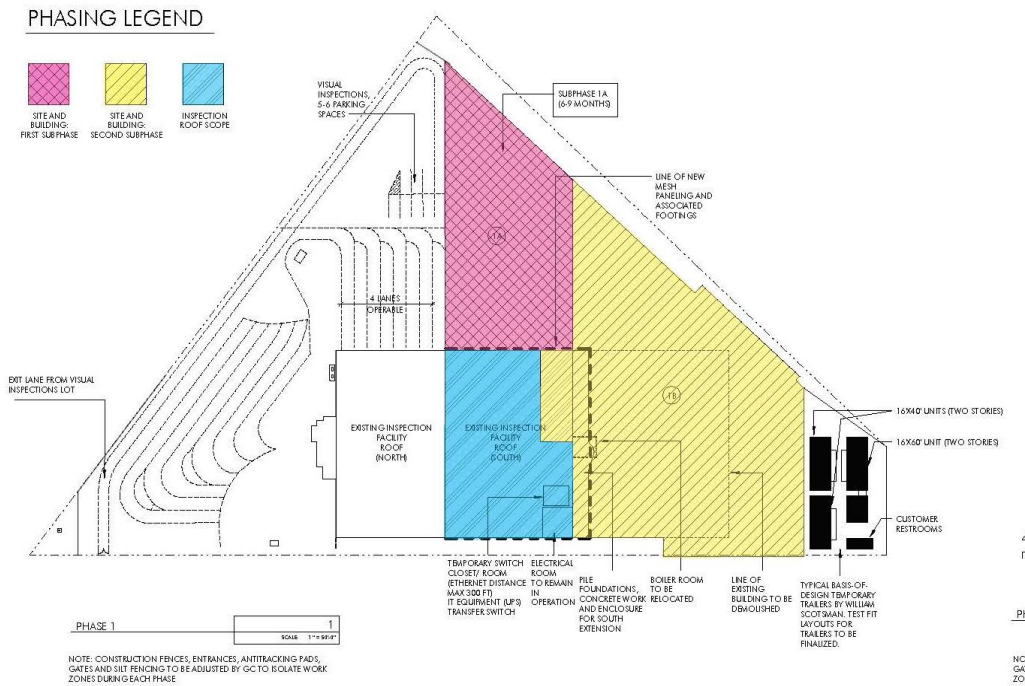
Construction Plan

5 Phases

Allows ongoing inspection operations

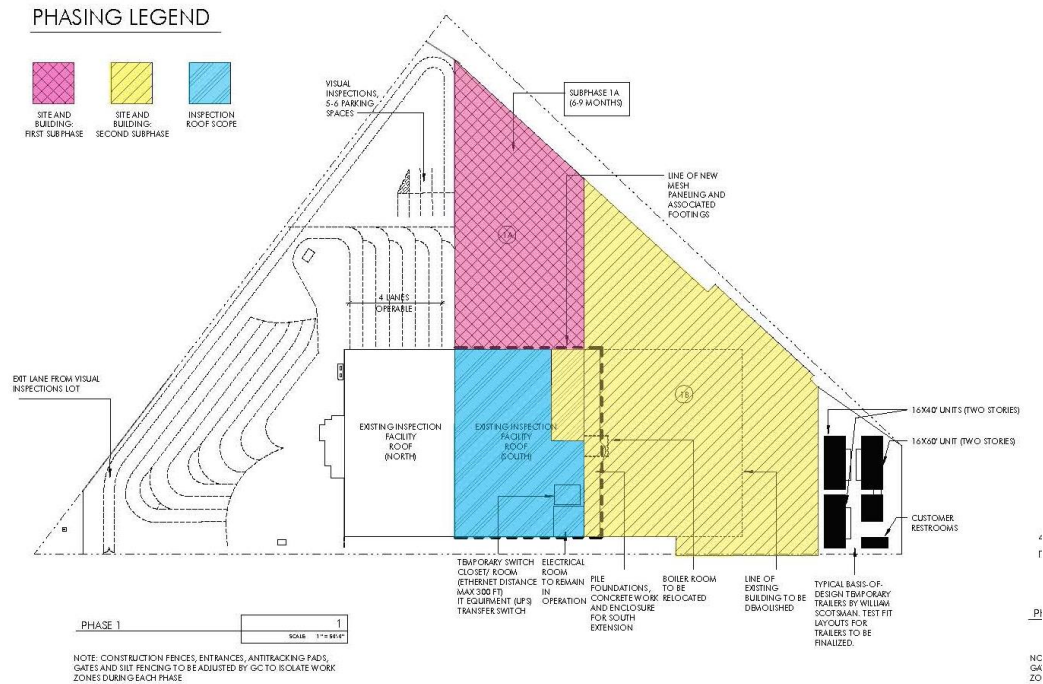
Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Administrative building demo	Replacement of soil and asphalt in the yard.	Building the parking garage and ramp.	Complete parking garage and ramp	Build interiors at office bar and Hack site.
Temporary south wall to protect lanes	Demolition of medallion renewal building.	Crane installed by lane 4	Build office bar structure.	Install solar panels.
Chopping of asphalt and removal of soil.	Preparing the soil for the parking garage.		Install building envelope	Permitting inspections and approvals.
Replacement of soil and asphalt in the yard.	Preparing the soil for the Hack site.			Install permanent fencing and gates.
Partial lane roof replacement	Partial lane roof replacement			Partial landscaping work
Lane 2 equipment is installed				Install EV chargers

Phase 1 – What is happening now?



1. Demolition of administrative building.
2. Temporary south wall to protect lanes.
3. Chopping of asphalt and removal of soil.
4. Replacement of soil and asphalt in the yard.
5. Partial lane roof replacement.
6. Lane 2 equipment is installed.

Phase 1 – How this affects staff/licenseses?



Non-inspection operations

- Employee office workstations, conference/lunchroom facilities, IT room and locker rooms moved to modular office facility

Inspection operations

- Customer restrooms moved to modular office
- Hack site moved to modular office
- Four lanes open
- Noise from construction

Thank you!

Any Questions?