



NYCHA Capital Projects Fact Sheet:

GROUND (PARKING LOTS, WALKWAYS, ADA)

1. Project Overview

- Grounds projects in these scope areas may include:
Parking Lots: Repairing or installing new sidewalks, paths, and walkways to improve accessibility and safety, particularly for elderly or disabled residents.
Walkways: Repairing or installing new sidewalks, paths, and walkways to improve accessibility and safety, particularly for elderly or disabled residents.
ADA-Related Infrastructure: The improvement or installation of ramps, railings, or steps to ensure equitable navigation of the campus by all residents.

2. Key Terms

- ADA: Americans with Disabilities Act or ADA compliance refers to the standards set by federal law to ensure that buildings and public spaces are accessible to individuals with disabilities. For these projects, ADA compliance applies to ramps, parking spaces, and pathways, requiring specific designs that accommodate wheelchairs, walkers, and other mobility devices.
- Section 504: A federal law that prohibits disability discrimination in programs receiving federal assistance, such as HUD. Sometimes used interchangeably with ADA.
- Resurfacing: The process of applying a new layer of asphalt or concrete over existing pavement to restore its surface. This process is used in parking lots and pavement repairs to extend the life of the pavement and improve safety by eliminating cracks, potholes, or other surface defects.
- Site grading: The process of leveling or shaping the ground to prepare for construction or to ensure proper drainage. Proper grading ensures that water flows away from structures and does not accumulate, preventing damage and maintaining safety.

3. Why is this capital project needed? Why is it important?

- Many entrances at NYCHA are elevated, requiring long, winding ramps.
- Grounds projects enhance safety and functionality in parking areas by repairing and resurfacing pavement, improving drainage, and installing proper signage and lighting. This work aims to create a safe environment for both vehicles and pedestrians, while maximizing space and ensuring compliance with NYC regulations.
- Grounds projects improve accessibility for all residents, particularly those with disabilities, by constructing or upgrading ramps to meet ADA standards. This ensures safe and easy access to buildings and public areas.



Ramp project at Dyckman Houses



NYCHA Capital Projects Fact Sheet: GROUNDS (PARKING LOTS, WALKWAYS, ADA)

4. Scope of Work Details

- The **basic steps of Ground projects** involving parking lots, walkways, and ADA infrastructure are:
 - Site Preparation: Marking off the construction area and rerouting pedestrian pathways as needed; setting up safety barriers and signage to guide residents around the work zone; assessing to identify cracks, potholes or structural issues; and clearing any obstacles or debris from the construction area.
 - Excavation and Foundation: Excavating the ground where any foundation will be laid; and pouring concrete or installing other materials as needed to create a stable base.
 - Construction: Building new structures based on design specifications; ensuring the correct slope and width; and adding any needed structural supports and railings to ensure safety.
 - Surface and Finishing: Applying a non-slip surface as needed for added traction; filling cracks with sealant for minor repairs or applying a new layer of asphalt or concrete for major repairs; and painting or adding markings to enhance visibility if needed.

5. Construction Trades & Other Roles Involved

Type	Possible Roles
Trade	<ul style="list-style-type: none">Concrete WorkerLaborer (including Flaggers, Demolition Workers)
Non-Trade	<ul style="list-style-type: none">Security

6. Typical Project Timeline

- The estimated construction duration is 9-12 months, accounting for seasonal low temperatures.



7. What to Expect During Construction

- Grounds projects may require temporary rerouting of pedestrian pathways, and access to certain entrances or areas around the site may be restricted for safety.
- Construction activities can produce significant noise and dust, especially during demolition of groundwork phases. Hours of work typically occur between 8:00 am and 4:00 pm.
- Construction vehicles and equipment may increase traffic around the site, potentially limiting parking space availability.

8. Mitigating Construction Impacts



NYCHA Capital Projects Fact Sheet:

GROUND (PARKING LOTS, WALKWAYS, ADA)

- Restricted access: Residents will be notified of rerouted pedestrian pathways and will be provided with alternative wayfinding signage.