

Second Avenue Subway Phase 2

Update to NYPD 23rd Precinct Community
Council –

September 25, 2024

Second Avenue Subway Phase 2, Contract 1:
Utility Relocation and Building Remediation



Construction & Development



Project Overview



Phase 2 delivers the project East Harlem deserves



- 70% of residents rely on transit, 34% below poverty, 86% people of color
- Densest census tracts within the U.S.
- One of largest concentrations of affordable housing in U.S.



- Three new ADA-accessible stations
- Shorter commute times – some riders save up to 20 min
- One seat ride from East Harlem to UES, West Midtown, Coney Island
- Reduces crowding, increases reliability on 4/5/6



- Union-wage construction jobs
- Local hiring goals



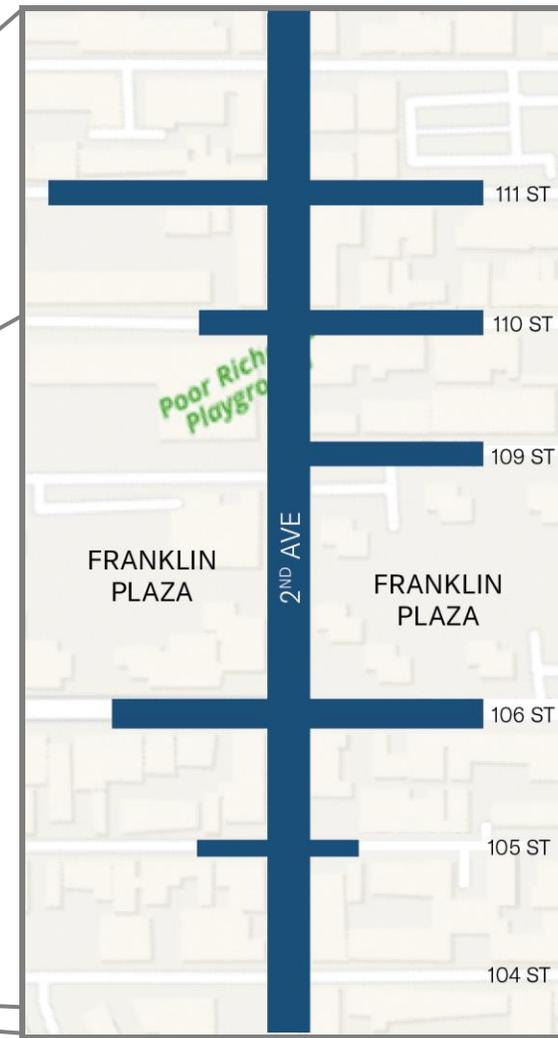
- Helps MTA maintain high transit mode share
- Supports dense, energy-efficient land use



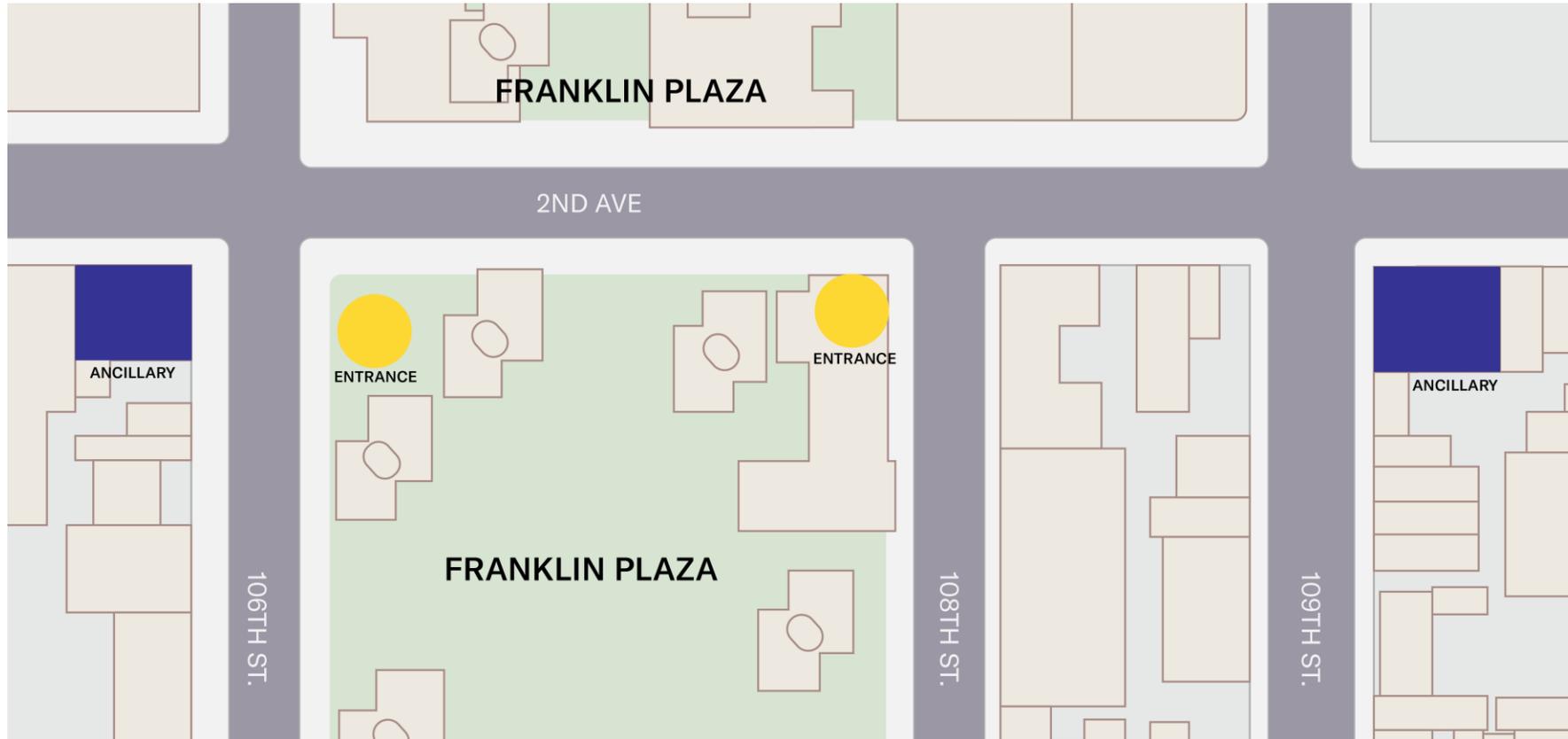
Contract 1 Project Limits



C-26201 Project Limits

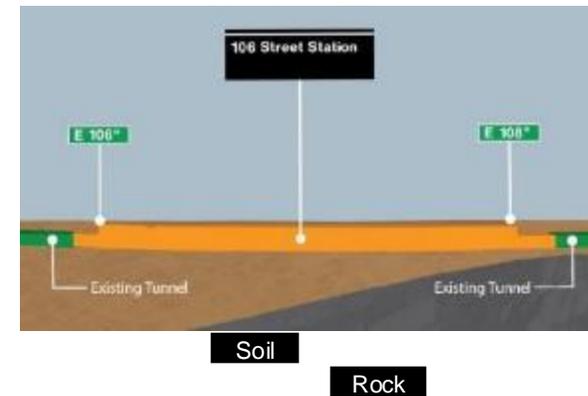


106th Street Station Area

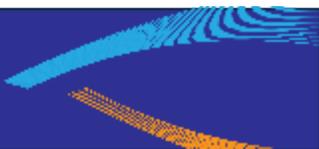


LEGEND

-  PROPOSED ENTRANCES
-  PROPOSED ANCILLARIES



106th Street Station Entrance 1



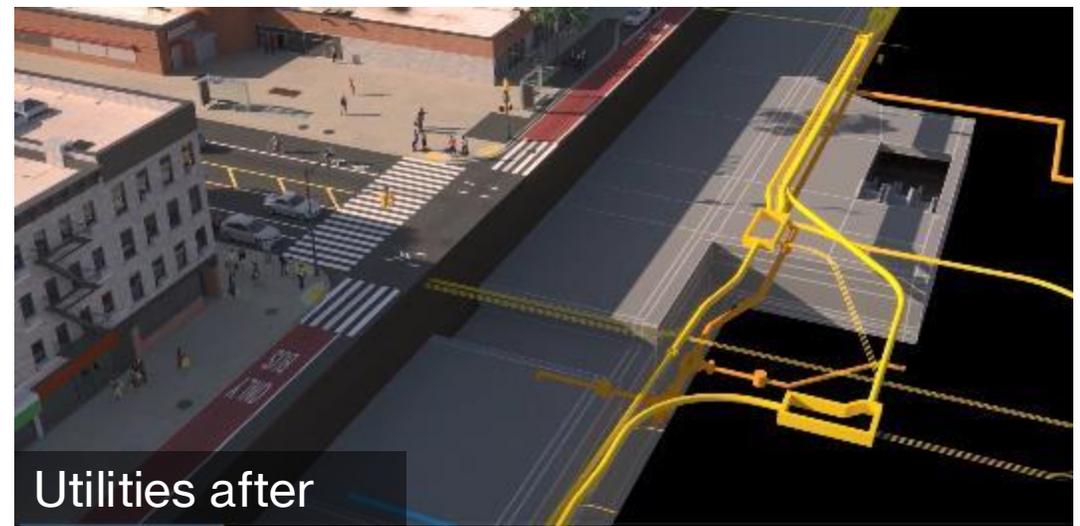
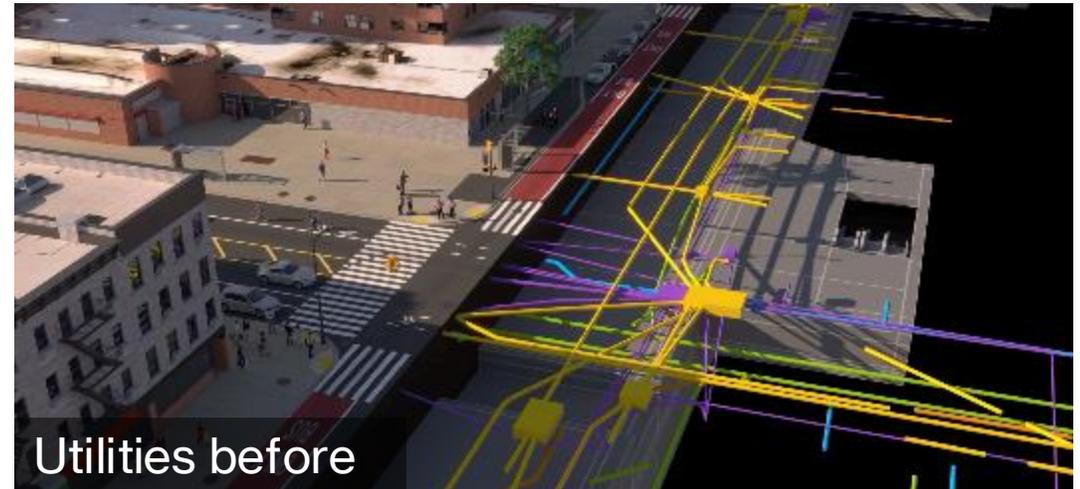
Contract 1 - Utility Relocation

Details

- Contractor: C.A.C. Industries, Inc.
- Budget: \$182 million, including third-party contract and support costs

Scope:

- Relocate underground utilities from 105 St to 110 St
- Temporary streetscape modifications, including new bike lanes
- Building remediation, strengthening, and underpinning in preparation for new 106 St station



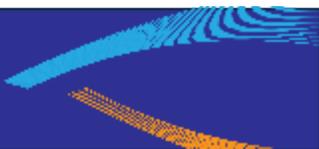
Utility Relocation: Clearing a Path For The Subway



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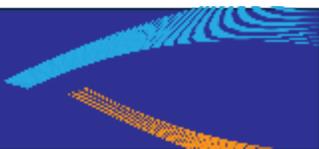
Scope of Work

- Instrumentation
- Relocation of Bike lane
- Building Remediation / Underpinning
- Utility Relocation
- MPT
- Environmental / Hazardous Material Work



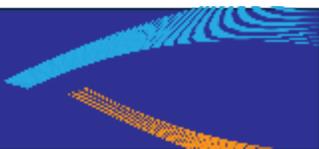
Construction Update

- Bike Lane Two-way Conversion on 1st Avenue completed in June
- Relocated both the M-15 SBS and M-15 Local bus stops on 106th to 104th on Sept. 6th
- Test Pits on 2nd Ave – Ongoing
- Instrumentation – Ongoing
- Overnight Water Main Test Pit (2nd and 105th) – Ongoing
- Sidewalk Cutback, West Side – Ongoing



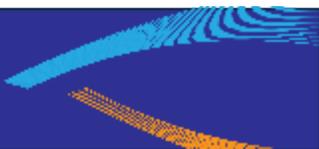
Planned 3-month Lookahead

- **West Side Cutback** - West Side curb cut back is 30% complete - MPT is set up from 111th Street to 106th Street, excluding in front of Tito Puente school. Sidewalk cutbacks have begun from north to south. Awaiting completion of TWM work between 104th and 105th Streets. Expected completion 10/4/2024
- **Bike Lane Closure on 2nd Ave** – First Ave Bike Lane relocation is 95% complete. Expected completion 10/28/2024
- **Instrumentation** – Instrumentation installation ongoing and 50% complete. Awaiting remaining access agreements for installations. Ongoing.
- **Test pits on sidewalks** – Sidewalk test pits ongoing. Awaiting remaining access agreements for installations. Ongoing.
- **Large water main test pit** – TWM (Trunk Water Main) test pits 75% complete. Awaiting location of leak which is expected by 9/27/2024. Expected completion 10/4/2024
- **Pre-Construction Surveys** – Preconstruction surveys ongoing, 57% complete. Awaiting remaining access agreements for installations. Ongoing.
- **East Side Cutback** – Expected to begin around Week of October 28/November 4th (contingent upon resolution of watermain work)



Construction Mitigation Measures

Components		Mitigation Measures
Mobility	Vehicular	<ul style="list-style-type: none"> Construction Staging and Traffic Plans will be developed to address all impacts. Maintain or relocate Bus Loading areas during construction where feasible.
	Pedestrian	<ul style="list-style-type: none"> Provide ADA compliant pedestrian walkway.
Accessibility	Schools	<ul style="list-style-type: none"> Maintain access to school at all times.
Safety	Emergency Response	<ul style="list-style-type: none"> Maintain FDNY access to fire hydrant, standpipe and public access to fire alarm. Require contractor to accommodate emergency apparatus. Coordinate with NYPD, FDNY, and EMS to accommodate emergency evacuation procedures and designated assembly areas.
	Environmental	<ul style="list-style-type: none"> Dust And Air Quality Control Noise Control Vibration And Structural Monitoring Sediment/Erosion And Discharge Control
Security	Work Zone	<ul style="list-style-type: none"> Maintain all fencing & locks within Contractor work zones. Maintain lighting levels prescribed by DOT in walkway and sidewalk behind work zone. Maintain visibility of pedestrian sidewalks blocked by work zones by utilizing on-site lighting and see-through fencing materials.



Maintenance and Protection of Traffic (MPT)

Second Avenue

- Four (4) lanes to be maintained or as shown on the plans
 - One (1) 11' wide and three (3) 10' wide lanes

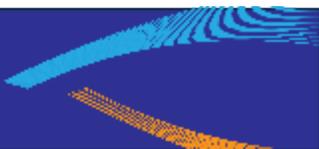
Major Cross Streets (106th Street)

- A 13' wide shared lane in each direction with provision for bikes to be provided
- A separate left turn lane to be provided

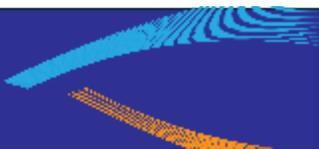
Minor Cross Streets

- A 13' wide travel lane to be provided

Min. 7' wide sidewalk/pedestrian walkway to be provided at all times



Select Bus Stop Relocation



Utility Relocation Current Status 9.25.24

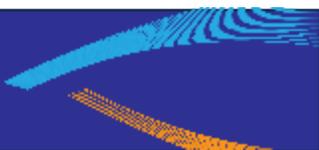


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First Avenue Bike Lane Conversion – Completed June 2024



Pre-Construction Inspections – Ongoing

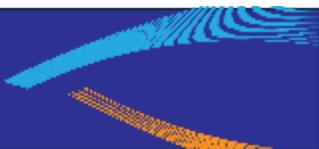


Building Instrumentation – Ongoing

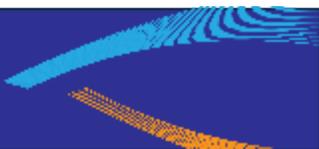
Automated Motorized
Total Stations (AMTS)



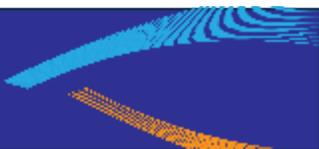
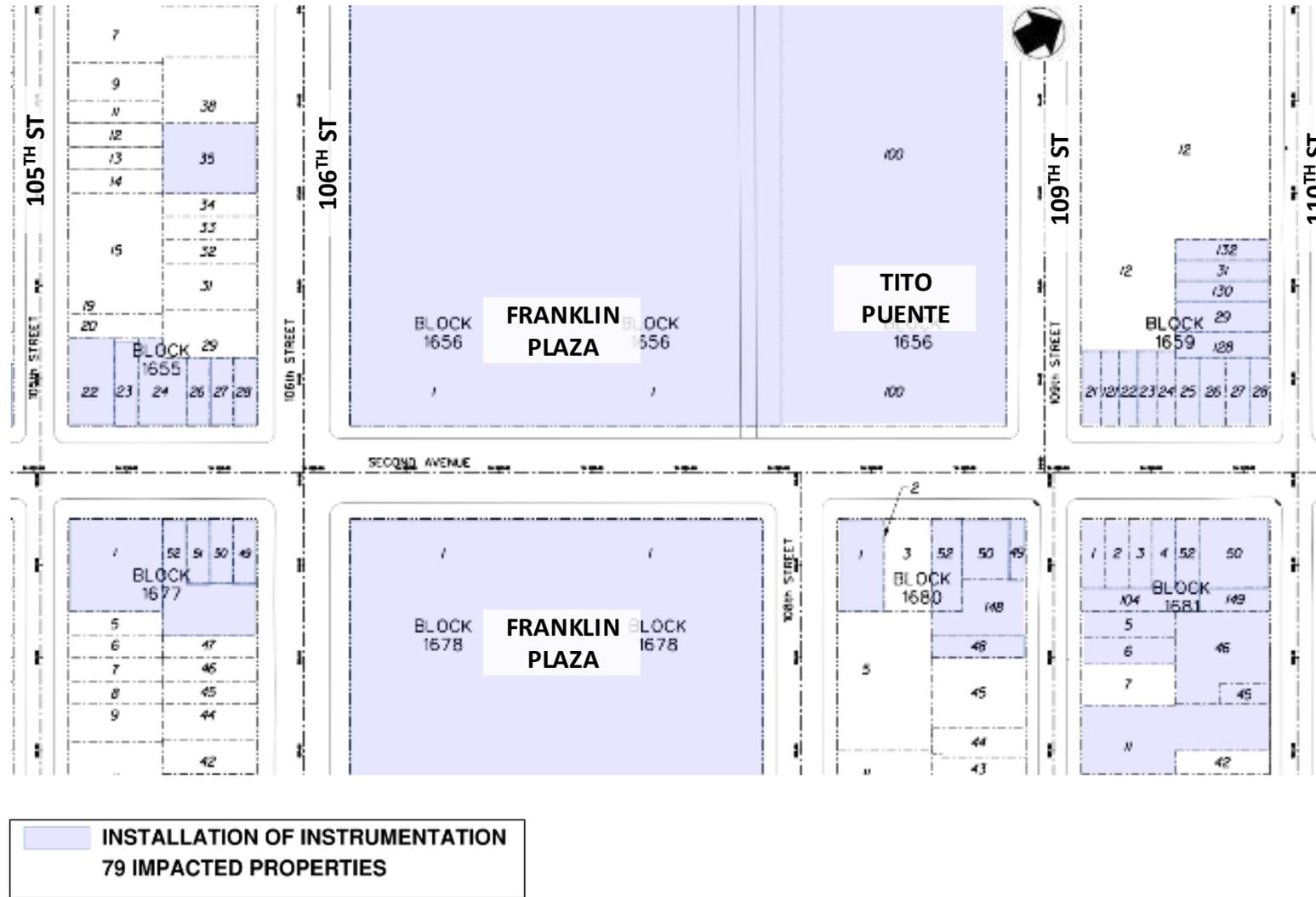
Prism



Instrumentation Examples: Prisms



Installation of Instrumentation: 79 Properties



Utility Test Pits – Ongoing



Relocation of SBS Stop – Completed September 2024



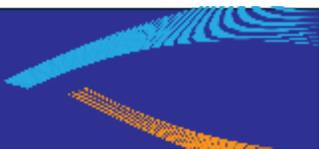
Coordination with City Agencies (2nd and 104th) – Ongoing



Overnight Water Main Test Pit (2nd and 105th) – Ongoing September 2024



Sidewalk Cutback West Side of 2nd Av – Ongoing



Contract 1: Utility Relocation

By getting utilities addressed first, we reduce risk and cost.



Phase 1 unanticipated utility relocation led to 12 months of delays across the 10 contracts



Keeping You Informed Throughout the Project

The Community Outreach Team will continue to meet and inform community members about project milestones and provide notifications on how the project will impact the community.

- Pop Up Events
- Monthly Newsletters
- Merchant Advisory Letters
- Weekly Eblasts
- Coordination with CB 11 SAS2 Taskforce
- Quarterly Construction Advisory Committee (CAC) Meetings
 - Residential
 - Retail/Commercial



Second Avenue Subway NEWSLETTER
PHASE 2: EAST HARLEM
Winter 2024
Visit the Second Avenue Subway Community Information Center!

Historic Funding from the USFTA Approved for Second Avenue Subway

Contract One Utility Relocation and Building Remediation to Begin in 2024

Get the Top 100 Jobs in the City
mta.info/cac/bidder

Community Notification



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24-hour Hotline
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Questions?



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