

# LIRR Expansion Project Floral Park to Hicksville

LIRR Committee Report January 2018

EXPANSION  
PROJECT

FLORAL  
PARK

HICKSVILLE

- **Award Date:**  
December 2017
- **Contract Type:**  
Design-Build
- **Project Budget Contained In:**  
Approved 2015-2019 Capital Plan: \$2,050M  
Future 2020-2024 Capital Plan: \$ 538M

**DESIGN BUILD**

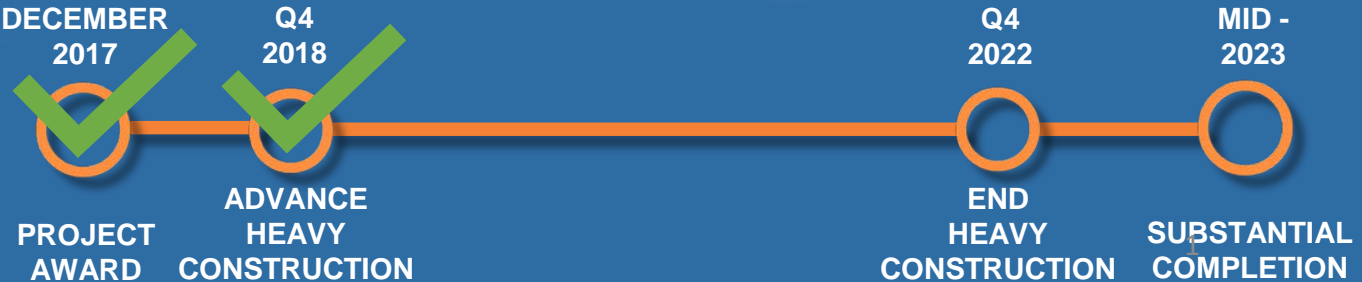
**3rd TRACK CONSTRUCTORS**  
Picone | Dragados USA | CCA Civil | Halmar

**LEAD OUTREACH**

**RUBENSTEIN**

**LEAD DESIGNER**

**Stantec**



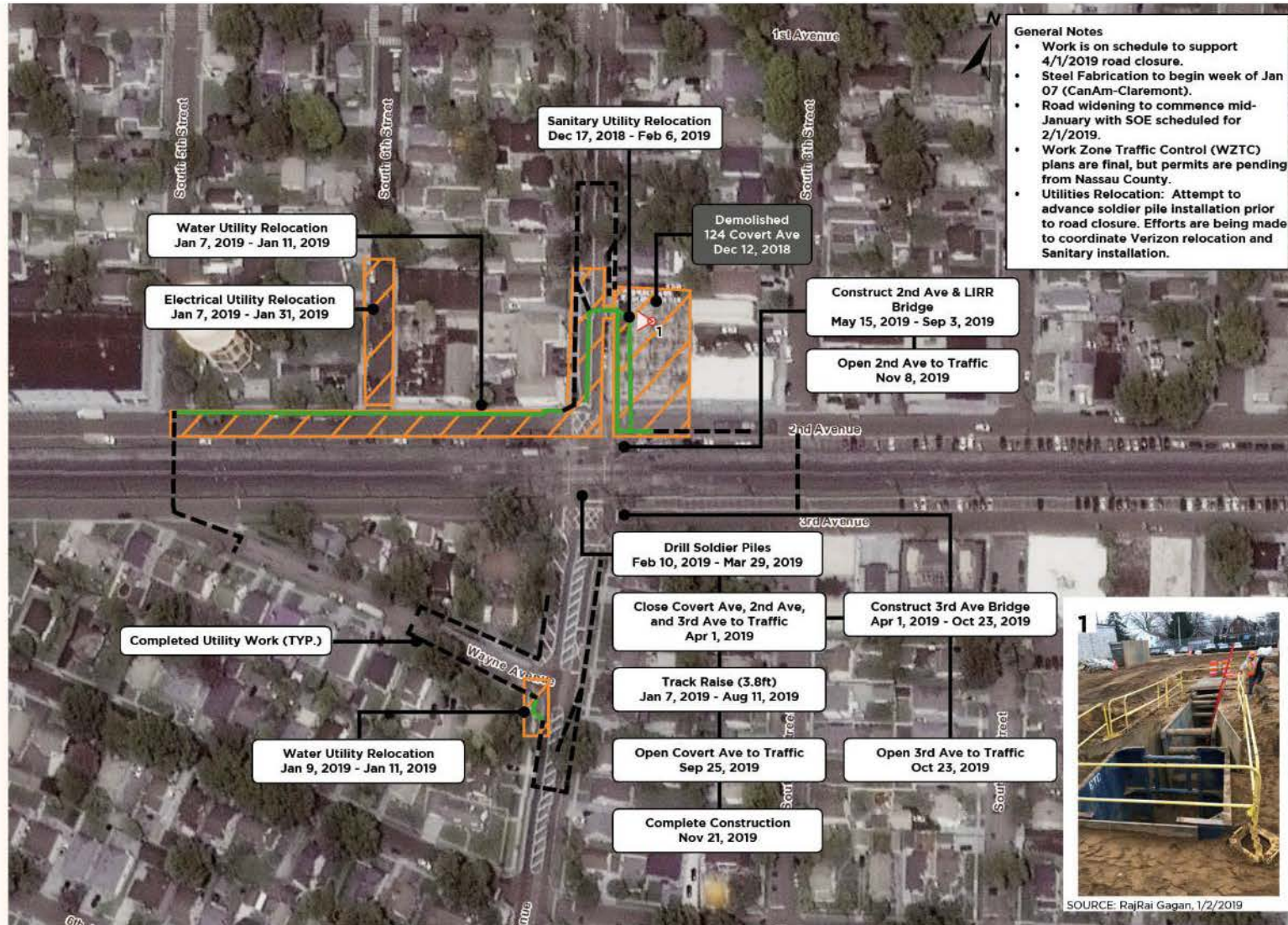
# Making Room for New Third Track at Floral Park



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LIRR Expansion Project  
Floral Park to Hicksville



# Construction Progress at Covert Ave



Map Issued on 1/18/2019

### Covert Ave Crossing Construction Milestones

Construction Activity	Date (Baseline DCS)	Date (DCS Ver 03)	Actual Date
Start Utilities Relocation Finish Utilities Relocation	6/25/2018 11/14/2019	6/25/2018 11/21/2019	6/25/2018 Ongoing
Start Demo 124 Covert Ave Finish Demo 124 Covert Ave	10/22/2018 10/31/2018	11/19/2018 12/12/2018	11/19/2018 12/12/2018
Start Early Work Drill Soldier Piles Finish Early Work Drill Soldier Piles	N/A	1/7/2019 3/29/2019	Target to Start on 1/25/2019
Close Covert Ave, 2nd,& 3rd Ave to Traffic	3/15/2019	4/15/2019	
Start Excavation Finish Excavation	3/15/2019 5/13/2019	4/15/2019 6/12/2019	
Start 3rd Ave Bridge Construction Finish 3rd Ave Bridge Construction	3/15/2019 10/16/2019	4/15/2019 11/6/2019	
Start Railroad Signal Modification Finish Railroad Signal Modification	3/15/2019 4/23/2019	2/13/2019 3/22/2019	
Start IRRR Bridge & 2nd Ave Bridge Construction Finish IRRR Bridge & 2nd Ave Bridge Construction	4/30/2019 8/26/2019	5/29/2019 9/17/2019	
Start Track Raise Finish Track Raise	5/20/2019 8/4/2019	6/17/2019 8/25/2019	
Start Roll Bridge Finish Roll Bridge	8/3/2019 8/4/2019	8/24/2019 8/25/2019	
Start Roadway Construction Finish Roadway Construction	8/7/2019 11/1/2019	8/28/2019 11/22/2019	
Open Covert Ave to Traffic	9/18/2019	10/9/2019	
Open 3rd Ave to Traffic	10/16/2019	11/6/2019	
Open 2nd Ave to Traffic	11/1/2019	11/22/2019	
Complete Construction	11/14/2019	12/5/2019	

*Green: Date is the same or earlier than baseline date*

**Red:** Date is later than baseline date



SOURCE: RajRai Gagan, 1/2/2019



— Sewer/Drainage Utility  
— Completed Utility Work

 Construction Area

 Photo Location

	Completed Work	Finished Date
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Construction Activity  
Start Date - End Date



For illustrative purposes only.

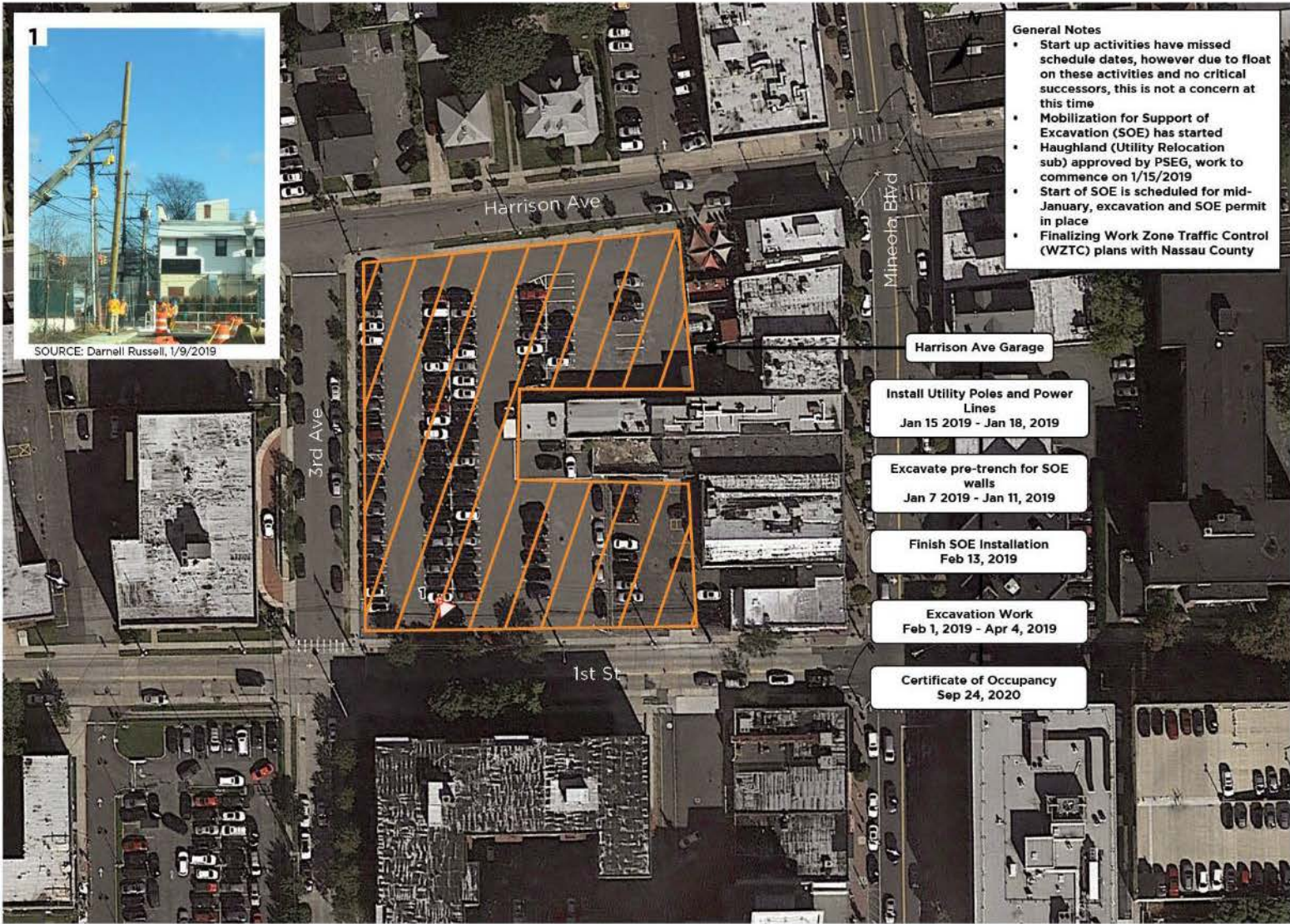
Data Source: Baseline DCS, DCS Ver03, 1/7/2019 6-Week Look Ahead Schedule

Aerial Map: Digital Globe, 2018  
Not to Scale

# Demolition of 124 Covert Ave



# Construction Progress at Harrison Garage in Mineola



Map Issued on 1/18/2019

## Harrison Ave Garage Construction Milestones

Construction Activity	Date (Baseline DCS)	Date (DCS Ver 03)	Actual Date
Start Construction	10/26/2018	10/18/2018	10/18/2018
Start Property Take	10/26/2018	9/27/2018	9/27/2018
Finish Property Take	10/26/2018	9/27/2018	9/27/2018
Start Utilities Relocation	10/28/2018	12/10/2018	1/7/2019
Finish Utilities Relocation	11/9/2018	12/14/2018	Ongoing
Start Support of Excavation (SOE)	11/19/2018	12/24/2018	1/15/2019
Finish Support of Excavation (SOE)	12/3/2018	2/13/2019	Ongoing
Start Excavation	12/4/2018	2/14/2019	Not Started Yet
Finish Excavation	3/15/2019	4/4/2019	
Start Foundation	3/25/2019	3/15/2019	
Finish Foundation	9/25/2019	12/19/2019	
Start Erect Precast Parking Structure	9/26/2019	9/18/2019	
Finish Erect Precast Parking Structure	12/6/2019	11/27/2019	
Start Architectural Work	12/9/2019	11/29/2019	
Finish Architectural Work	12/19/2019	1/06/2020	
Start Plumbing	12/9/2019	11/29/2019	
Finish Plumbing	1/3/2020	12/24/2019	
Start Electrical & Communication	12/9/2019	11/29/2019	
Finish Electrical & Communication	5/14/2020	4/29/2020	
Start Elevator Installation	5/15/2020	11/29/2019	
Finish Elevator Installation	8/24/2020	9/23/2020	
Start Testing & Final Acceptance	8/25/2020	8/10/2020	
Finish Testing & Final Acceptance	10/8/2020	9/24/2020	
Certificate of Occupancy & Open	10/8/2020	9/24/2020	

Green: Date is the same or earlier than baseline date

Red: Date is later than baseline date



For illustrative purposes only.

Data Source: Baseline DCS, DCS Ver03, 1/7/2019 6-Week Look Ahead Schedule

Aerial Map: Google Earth, 9/27/2017

Not to Scale

# Installing Support of Excavation for Harrison Avenue Garage in Mineola

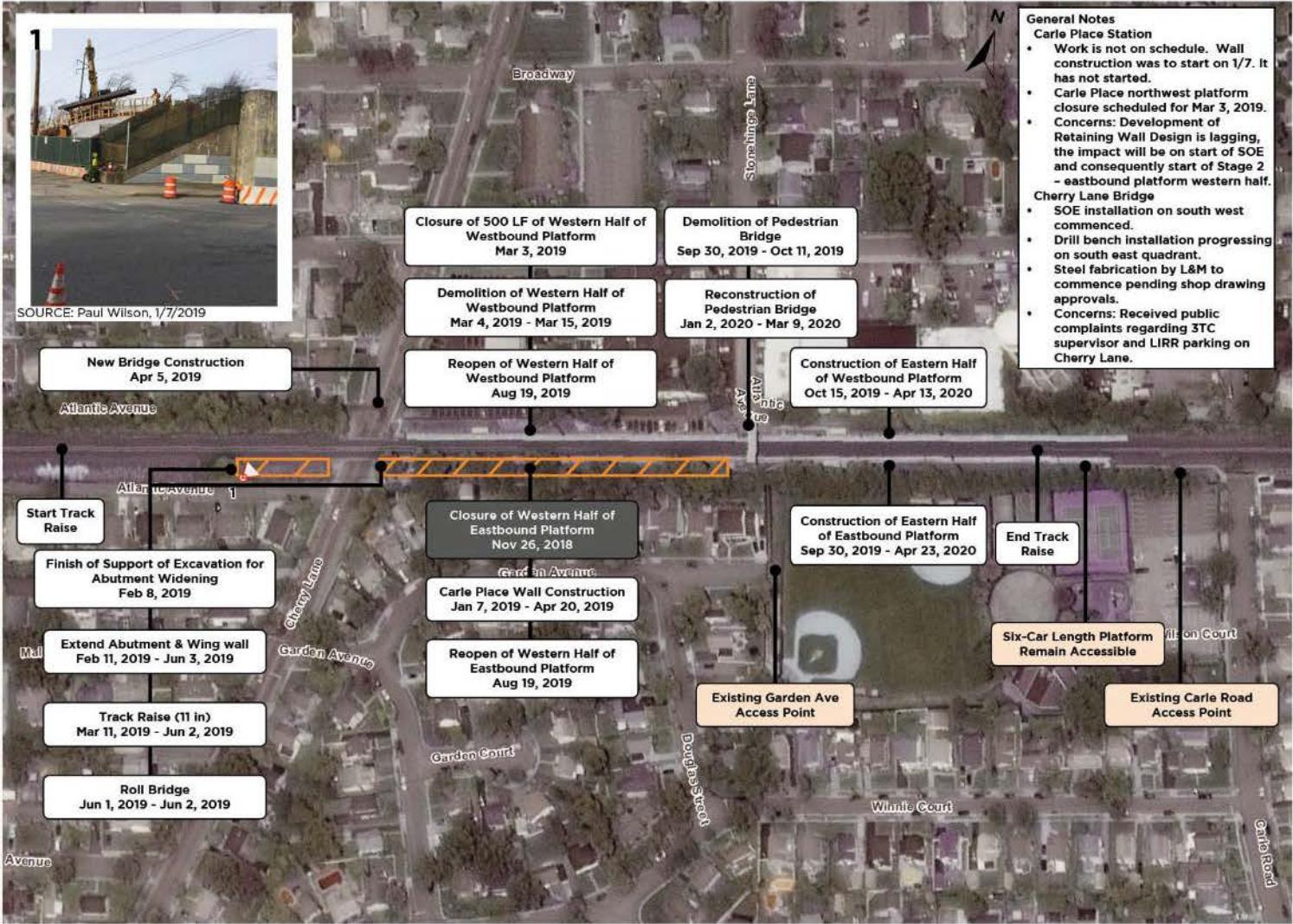


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# Construction Progress at Carle Place

Map Issued on 1/18/2019



## Cherry Lane Bridge Construction Milestones

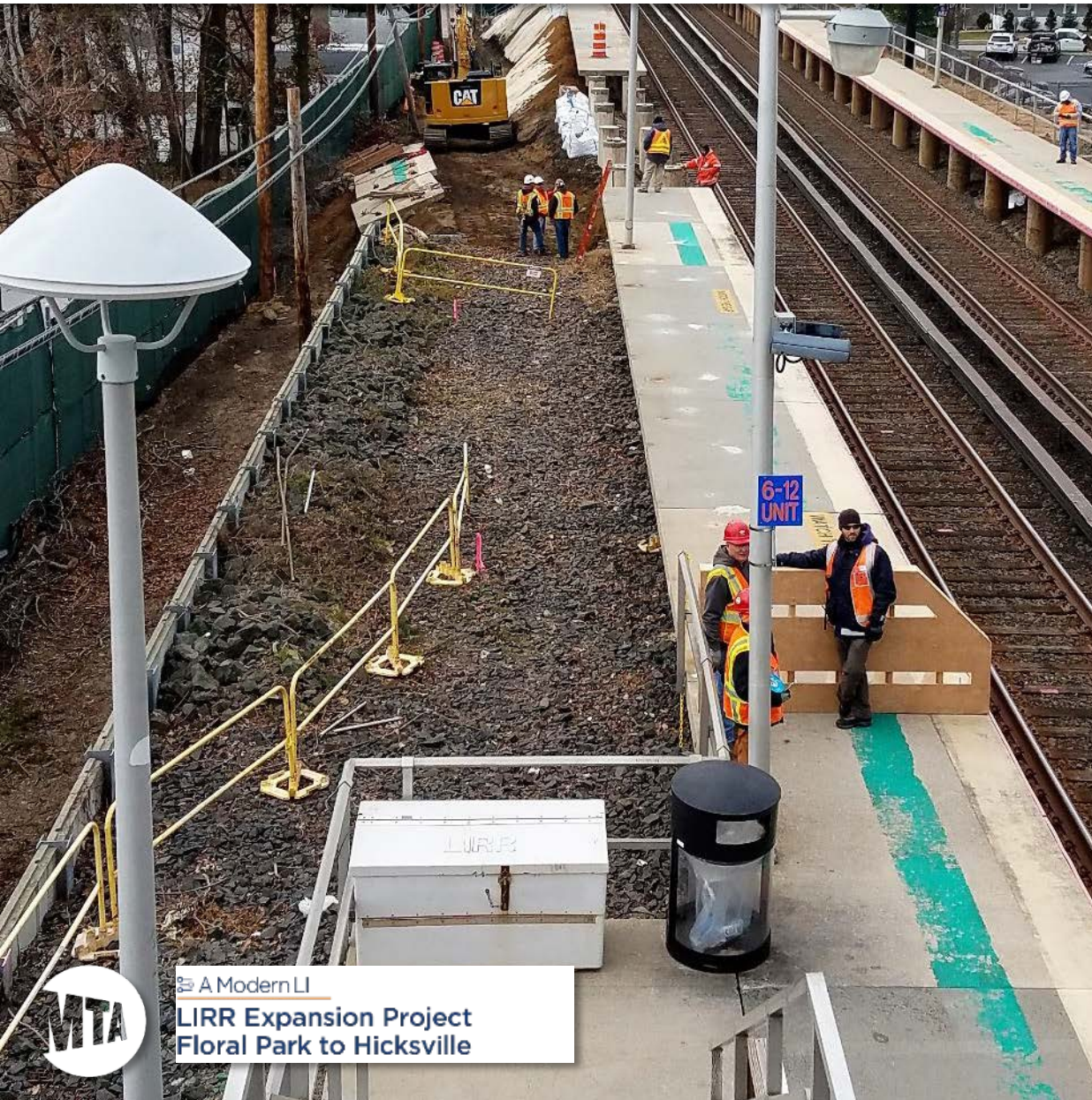
Construction Activity	Date (Baseline DCS)	Date (DCS Ver 03)	Actual Date
Start Construction	10/26/2018	11/30/2018	11/30/2018
Start Support of Excavation	10/26/2018	1/2/2019	1/2/2019
Finish Support of Excavation	12/31/2018	2/8/2019	Ongoing
Start Extend Abutment & Wing wall	1/2/2019	2/11/2019	
Finish Extend Abutment & Wing wall	5/28/2019	6/3/2019	
Start Track Raise	3/11/2019	3/11/2019	
Finish Track Raise	5/19/2019	6/2/2019	
Start Construction New Bridge	4/1/2019	4/5/2019	
Finish Construction New Bridge	5/24/2019	6/7/2019	
Start Roll Bridge	5/18/2019	6/1/2019	
Finish Roll Bridge	5/19/2019	6/2/2019	
Complete Construction	5/28/2019	6/7/2019	

## Carle Place Station Construction Milestones

Construction Activity	Date (Baseline DCS)	Date (DCS Ver 03)	Actual Date
Start Utilities Relocation - South	8/14/2018	11/5/2018	11/5/2018
Finish Utilities Relocation - South	10/25/2018	12/11/2018	12/11/2018
Stage 1 - Closure of Eastbound Platform - Western Half	12/2/2018	11/26/2018	11/26/2018
Stage 1 - Start Demo Existing Eastbound Platform - Western Half	12/8/2018	12/1/2018	12/1/2018
Finish Demo	12/9/2018	12/2/2018	12/2/2018
Stage 1 - Closure of Westbound Platform - Western Half	12/10/2018	3/3/2019	Not Closed Yet
Start Carle Place South Wall Construction	12/10/2018	1/21/2019	Not Started Yet
Finish Wall Construction	4/4/2019	5/4/2019	
Stage 1 - Start Demo Existing Westbound Platform - Western Half	1/12/2019	3/16/2019	
Finish Demo	1/13/2019	3/24/2019	
Stage 2 - Start Reconstruction Westbound Platform Western Half	3/2/2019	2/14/2019	
Finish Reconstruction	6/28/2019	8/16/2019	
Stage 2 - Start Reconstruction Eastbound Platform Western Half	4/5/2019	5/9/2019	
Finish Reconstruction	8/1/2019	9/9/2019	
Start Utilities Relocation - North	5/3/2019	7/9/2019	
Finish Utilities Relocation - North	6/7/2019	8/13/2019	
Stage 3 - Start Demo Existing Eastbound Platform - Eastern Half	8/20/2019	9/23/2019	
Finish Demo	9/10/2019	10/11/2019	
Stage 3 - Start Demo Existing Pedestrian Bridge	9/11/2019	10/14/2019	
Finish Demo	9/24/2019	10/25/2019	
Stage 3 - Start Demo Existing Westbound Platform - Eastern Half	9/25/2019	10/29/2019	
Finish Demo	10/16/2019	11/12/2019	
Stage 4 - Start Reconstruction Eastbound Platform - Eastern Half	9/11/2019	10/14/2019	
Finish Reconstruction	3/5/2020	4/7/2020	
Stage 4 - Start Reconstruction Westbound Platform - Eastern Half	9/25/2019	10/29/2019	
Finish Reconstruction	3/24/2020	4/27/2020	
Stage 4 - Start Reconstruction Pedestrian Bridge	12/12/2019	1/15/2020	
Finish Reconstruction	12/19/2019	3/23/2020	
Stage 4 - Start Elevators Installation	8/9/2019	8/22/2019	
Finish Installation	4/7/2020	5/11/2020	
Start Stonehinge Lane Roundabout	2/4/2020	3/9/2020	
Finish Stonehinge Lane Roundabout	3/2/2020	4/3/2020	
Open Station to Public	4/29/2020	6/1/2020	

Green: Date is the same or earlier than baseline date Red: Date is later than baseline date

# Platform Demolition at Carle Place Station



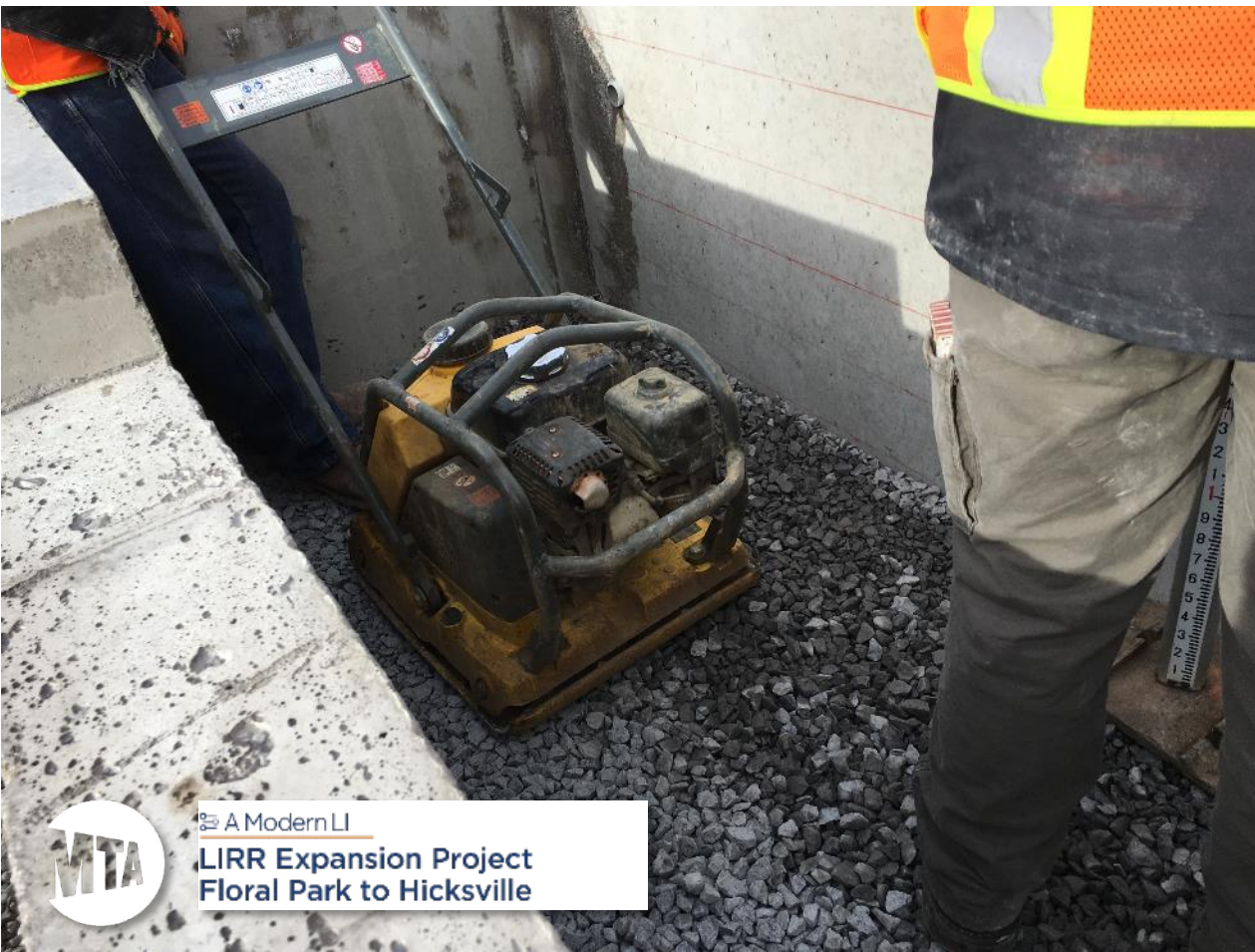
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# Installing Temporary Access Ramp at Carle Place Station



# Innovative Use of Construction Materials



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# Meeting with First Battalion Chiefs





## LIRR Expansion Project Floral Park to Hicksville

# Taking Care of the Community



