

Long Island Rail Road

# 2023 2nd Quarter Maintenance of Way Division

Track, Structures, Stations and Facilities

Long Island Rail Road



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## Track Projects Systemwide

- Wood Tie Replacement – 842,010 Systemwide Wood Ties\* (4,000 planned) \* Excl. Yards
- Far Rockaway: Valley 3 to Far Rockaway – 3,000 Ties Planned; 1,529 Installed (51% complete)
- Belmont: Track 5 & 6 – 1,000 Ties Planned; 1,000 Installed (100% complete)
- Total Wood Ties: 4,000 ties Planned; 2,529 Installed (63% of Goal – Complete)
  
- Concrete Tie Replacement – 534,740 Systemwide Concrete Ties\* (11,749 planned) \* Excl. Yards
- Port Jefferson: PJ Single – 9,249 Ties Planned; 0 Installed (0% complete)
- Port Jefferson: Divide 4 to Divide 5 – 1,350 Ties Planned; 0 Installed (0% complete)
- Mainline: Divide 4 to Divide 6 – 1,150 Ties Planned; 0 Installed (0% complete)
- Total Concrete Ties: 11,749 ties Planned; 0 Installed (0% of Goal)
  
- Continuous Welded Rail (CWR) – 1,017 Rail Miles Systemwide\* (62,800 lineal ft., 11.9 mi. planned) \* Excl. Yards
- Atlantic: Brook to Nostrand Ave. – 16,800 lineal ft. Planned; 0 lineal ft. Installed (0% complete)
- Atlantic: Beaver Curve – 2,200 lineal ft. Planned; 1,700 lineal ft. Installed (77% Complete) **NEW**
- Mainline: Divide 4 to Divide 6 (Track # 1) – 4,600 lineal ft. Planned; 0 lineal ft. Installed (0% complete)
- Mainline: Metro – Harold(ML3 & ML4) – 13,956 lineal ft. Planned; 6,703 lineal ft. installed (48% complete) **NEW**
- Mainline: Mail Dock Curve (ML1,2 & 4) – 9,626 lineal ft. Planned; 350 lineal ft. installed (4% complete) **NEW**
- Port Jefferson: PJ Single – 36,000 lineal ft. Planned; 0 lineal ft. Installed (0% complete)
- Port Jefferson: Divide 4 to Divide 5 – 5,400 lineal ft. Planned; 0 lineal ft. Installed (0% complete)
- Valley Interlocking: 6,450 lineal ft. Planned; 6,450 lineal ft. installed (100% complete) **NEW**
- Total Continuous Welded Rail : 95,032 lineal ft. Planned; 15,203 lineal ft. Installed (16% of Goal)



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- ▣ Field Welds – 500 ea. planned
- ▣ Systemwide Locations: 500 ea. Weld Planned; 645 ea. actual (129% of Goal)
- ▣ Track Surfacing – 501 Track Miles\* (25 mi. planned) \* Excl. Yards
  - ▣ Port Jefferson: PJ Single – 4.0 mi.; 0 mi. actual (0% complete)
  - ▣ Port Jefferson: Divide 4 to Divide 5 – 0.5 mi.; 0 mi. actual (0% complete)
  - ▣ Mainline: Divide 4 to Divide 6 – 0.4 mi.; 0 mi. actual (0% complete)
  - ▣ Other Locations Systemwide – 20.1 mi.; 28 mi. actual (139% complete)Total Track Surfacing: 25 mi. Planned; 28 mi. actual (112% of Goal)
- ▣ Switch Renewal – 916 Switches Systemwide / 572 Main Line & 344 Yard (19 ea. planned)
  - ▣ West Side Yard – 9 ea. Planned; 2 Installed (22% complete from 2022)  
(WSSY Slip Sw. 27C, 51, 55, 57, 59, 37C, 39C, 69C, 87)
  - ▣ Harold: 4187E - 1 ea. Planned; 0 Installed (0% complete)
  - ▣ Harold: 5176 – 1ea. Planned; 0 installed (0% complete)
  - ▣ Port Jeff: Stony 1 & 2 – 2 ea. Planned; 0 Installed (0% complete)
  - ▣ Port Jeff: Duke 1 & 2 – 2 ea. Planned; 0 Installed (0% complete)
  - ▣ Port Jeff: Post 1 & 2 – 2 ea. Planned; 0 Installed (0% complete)
  - ▣ Jay: 3 Sw. & 1 Sw. – 2 ea. Planned; 0 Installed (0% complete)Total Switch Renewal: 19 ea. Planned; 2 ea. Installed (10% of Goal)



# Long Island Rail Road

## ▣ Track Testing

- ▣ Ultrasonic Rail Testing – 475 Track Miles\* (3 runs per year) \* Excl. Class 2 and Class 1 w/in Yard Limits
- ▣ Systemwide Continuous Testing – 862.7 mi. completed (including stop & verify)
- ▣ Total defects found & corrected – 209 (including stop & verify)
  
- ▣ Track Geometry Vehicle – 509 Track Miles / 200 Yard Miles (4 runs/year 2036 mi. mainline, 2 runs/year 400 mi. yard)
- ▣ Systemwide – 1,134 mi. completed

## ▣ Switch Timber Replacements

- ▣ Systemwide – 8,000 lineal ft. Planned; 13,942 lineal ft. Installed (174% of Goal)

## ▣ Grade Crossing Rehabilitation

- ▣ Hempstead: Cathedral Ave. (C351) – 1 Planned; 1 Installed (100% of Goal)
- ▣ Mainline: W. Main St. (C210) – 1 Planned; 0 Installed (0% of Goal)
- ▣ Montauk: Smith Road (C068)– 1 Planned; 0 Installed (0% of Goal)
- ▣ Montauk: Lewis Road (C095) – 1 Planned; 0 Installed (0% of Goal)
- ▣ Oyster Bay: Hillside (C292) – 1 Planned; 1 Installed (100% of Goal)
- ▣ Main Line: River Road (C192) – 1 Planned; 1 Installed (100% of Goal)
- ▣ Main Line: Main Street (C178) – 1 Planned; 1 Installed (100% of Goal)
- ▣ Far Rockaway: Rockaway Tpke. (C379) – 1 Planned; 0 Installed (0% of Goal)
- ▣ Oyster Bay: 2<sup>nd</sup> Street(C291) – 1 Planned; 0 Installed (0% of Goal)



# Long Island Rail Road

## Station SGR Projects

- ▣ Montauk Branch
  - ▣ Sayville MP 49.1 – Station Building Repairs (0% complete)
  - ▣ Islip MP 42.3 - Station Building Repairs (0% complete)
  - ▣ Copiague MP 31.7 - Staircase Replacement (35% complete)
- ▣ Port Washington Branch
  - ▣ Mets/Willets MP 6.7 - Flag Repairs (80% complete)
  - ▣ Plandome MP 16.3 – Station Building Repairs (45% complete)
- ▣ Main Line Branch
  - ▣ Ronkonkoma MP 48.5 – Flag Repairs (6% complete)
  - ▣ Ronkonkoma Yard EIC Platform Installation (52% complete)
- ▣ Hempstead
  - ▣ Bellerose MP 14.4 – Slab and Pier Repairs (93% complete) Note: Pending pump truck procurement.
- ▣ Atlantic
  - ▣ Rosedale MP 13.8 – Station Platform Repairs (50% complete)
- ▣ Far Rockaway
  - ▣ Gibson MP 16.4 – Station Building Repairs (0% complete)
- ▣ Oyster Bay
  - ▣ Roslyn MP 22.1 - Station Building Repairs (0% complete)
  - ▣ Sea Cliff MP 26.8 – Retaining Wall (100% complete) and Ramp Replacement (82% complete)
- ▣ Port Jefferson
  - ▣ Northport MP 39.6 – Platform Replacement (51% complete)



# Long Island Rail Road

- ▣ **Bridge SGR Projects / Flag Elimination**
  - ▣ Montauk Branch
    - ▣ Fresh Pond Road MP 39.0 – Pedestrian Bridge Removal (100% complete)
    - ▣ Valley Stream Viaduct (Montauk/Far Rock/ W Hemp.) – Flag Repairs (55% complete) Note: This work will continue into 2024.
  - ▣ Main Line Branch
    - ▣ 39<sup>th</sup> Ave and 57<sup>th</sup> Street MP 29.0 – Flag Repairs (50% complete)
    - ▣ Continental Ave. Bridge MP 6.7 – Flag Repairs (25% complete)
    - ▣ 158<sup>th</sup> Street Bridge MP 9.3 – Flag Repairs (0% complete)
    - ▣ 162<sup>nd</sup> Street Bridge MP 9.8 – Flag Repairs (0% complete)
    - ▣ Ronkonkoma Knuckle Room Bridge MP 48.5 – Flag Repairs (6% complete)
  - ▣ Bay Ridge
    - ▣ Cypress Ave MP 10.7 – Bearing Replacement (89% complete)

**Flag repairs are a combination of replacing deteriorated components of the existing LIRR Infrastructure. These repairs include bridge seats, abutments, girders, beams, bearings, bracing members, wingwalls, etc.**

