

Long Island Rail Road

2023 3rd Quarter Maintenance of Way Division

Track, Structures, Stations and Facilities

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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; 2,213 Installed (74% complete)
- Belmont: Track 5 & 6 - 1,000 Ties Planned; 1,000 Installed (100% complete)
Total Wood Ties: 4,000 ties Planned; 3,213 Installed (80% of Goal - Complete)
- Concrete Tie Replacement – 534,740 Systemwide Concrete Ties* (11,450 planned) * Excl. Yards
- Port Jefferson: PJ Single – 8,950 Ties Planned; 8,971 Installed (100% 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; 1,174 Installed (102% complete)
Total Concrete Ties: 11,450 ties Planned; 10,145 Installed (88% of Goal)
- Continuous Welded Rail (CWR) – 1,017 Rail Miles Systemwide* (112,410 lineal ft., 21.3 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; 2,118 lineal ft. Installed (96% Complete) **NEW**
- Mainline: Divide 4 to Divide 6 (Track #1) - 4,600 lineal ft. Planned; 4,696 lineal ft. Installed (102% complete)
- Mainline: Metro – Harold(ML3 & ML4) – 28,457 lineal ft. Planned; 26,840 lineal ft. installed (94% complete) **NEW**
- Mainline: Mail Dock Curve (ML1,2 & 4) – 9,626 lineal ft. Planned; 1,993 lineal ft. installed (21% complete) **NEW**
- Port Jefferson: PJ Single – 35,800 lineal ft. Planned; 35,880 lineal ft. Installed (100% complete)
- Port Jefferson: Divide 4 to Divide 5 – 10,004 lineal ft. Planned; 4,604 lineal ft. Installed (46% complete)
- Valley Interlocking: 6,450 lineal ft. Planned; 6,450 lineal ft. installed (100% complete) **NEW**
Total Continuous Welded Rail : 112,410 lineal ft. Planned; 82,581 lineal ft. Installed (73% of Goal)



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- ▣ Field Welds – 500 ea. planned
- ▣ Systemwide Locations: 500 ea. Weld Planned; 928 ea. actual (186% of Goal)
- ▣ Track Surfacing – 501 Track Miles* (25 mi. planned) * Excl. Yards
 - ▣ Port Jefferson: PJ Single – 4.0 mi.; 9.95 mi. actual (249% complete)
 - ▣ Port Jefferson: Divide 4 to Divide 5 – 0.4 mi.; 0 mi. actual (0% complete)
 - ▣ Mainline: Divide 4 to Divide 6 – 0.5 mi.; 0.57 mi. actual (114% complete)
 - ▣ Other Locations Systemwide – 20.1 mi.; 47.4 mi. actual (139% complete)Total Track Surfacing: 25 mi. Planned; 58.4 mi. actual (234% 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: 2254 - 1 ea. Planned; 1 Installed (100% complete)
 - ▣ Harold: 5176 – 1ea. Planned; 0 installed (0% complete)
 - ▣ Port Jeff: Stony 1 & 2 – 2 ea. Planned; 2 Installed (100% complete)
 - ▣ Port Jeff: Duke 1 & 2 – 2 ea. Planned; 2 Installed (100% complete)
 - ▣ Port Jeff: Post 1 & 2 – 2 ea. Planned; 2 Installed (100% complete)
 - ▣ Jay: 3 Sw. & 1 Sw. – 2 ea. Planned; 0 Installed (0% complete)Total Switch Renewal: 19 ea. Planned; 9 ea. Installed (47% of Goal)



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- ❑ **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 – 1,191 mi. completed (including stop & verify)
 - ❑ Total defects found & corrected – 321 (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 – 1,574 mi. completed

- ❑ **Switch Timber Replacements**
 - ❑ Systemwide – 8,000 lineal ft. Planned; 24,199 lineal ft. Installed (303%% 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: 2nd 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). Under review by SHPO.
 - ❑ Islip MP 42.3 - Station Building Repairs (85% complete)
 - ❑ Copiague MP 31.7 - Staircase Replacement (70% complete)
 - ❑ Port Washington Branch
 - ❑ Mets/Willets MP 6.7 - Flag Repairs (90% complete)
 - ❑ Plandome MP 16.3 – Station Building Repairs (85% complete)
 - ❑ Main Line Branch
 - ❑ Ronkonkoma MP 48.5 – Flag Repairs (60% complete)
 - ❑ Ronkonkoma Yard EIC Platform Installation (60% complete)
 - ❑ Hempstead
 - ❑ Bellerose MP 14.4 – Slab and Pier Repairs (93% complete) Note: Pending track outage for columns.
 - ❑ Atlantic
 - ❑ Rosedale MP 13.8 – Station Platform Repairs (75% complete)
 - ❑ Far Rockaway
 - ❑ Gibson MP 16.4 – Station Building Repairs (5% complete). Under review by SHPO.
 - ❑ Oyster Bay
 - ❑ Roslyn MP 22.1 - Station Building Repairs (0% complete). Under review by SHPO.
 - ❑ Sea Cliff MP 26.8 – Retaining Wall (100% complete) and Ramp Replacement (85% complete)
 - ❑ Port Jefferson
 - ❑ Northport MP 39.6 – Platform Replacement (75% complete)



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- ▣ **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 (60% complete) Note: This work will continue into 2024.
 - ▣ Main Line Branch
 - ▣ 39th Ave and 57th Street MP 29.0 – Flag Repairs (100% complete)
 - ▣ Continental Ave. Bridge MP 6.7 – Flag Repairs (35% complete)
 - ▣ 158th Street Bridge MP 9.3 – Flag Repairs (0% complete)
 - ▣ 162nd Street Bridge MP 9.8 – Flag Repairs (0% complete)
 - ▣ Ronkonkoma Knuckle Room Bridge MP 48.5 – Flag Repairs (10% complete)
 - ▣ Bay Ridge
 - ▣ Cypress Ave MP 10.7 – Bearing Replacement (99% 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.

