

| Car Numbers | Build Date | Type | Builder | Notes |
|---------------|------------|-----------------------|--------------------------|----------------------------------|
| 17000-17049 | 1954 | Highway Trailer Flat | Readville Shops | |
| 17034-17035 | 1923 | Transformer Flat | Standard Steel Car Co | |
| 17050-17059 | 1929 | Transformer Flat | Osgood-Bradley | |
| 17060-17069 | 1942 | Transformer Flat | Readville Shops | |
| 17080-17082 | 1942 | Transformer Flat | Readville Shops | |
| 17100-17102 | 1954 | Transformer Flat | Readville Shops | |
| 17200-17274 | 1937 | 70 Ton Flat | Readville Shops | |
| 17300-17399 | 1944 | 70 Ton Flat | Greenville Steel Car Co | |
| 17500-17534 | 1930 | Boat Race Train | Readville Shops | converted from 12000 series flat |
| 17500-17799 | 1951-1953 | Highway Trailer Flat | Maybrook/Readville Shops | |
| 18000-18001 | 1955 | Highway Trailer Flat | Readville Shops | experimental |
| 19000-19006 | | Bulkhead Flat | | |
| 19100-19105 | | Bulkhead Flat | | |
| 19106-19111 | | Bulkhead Flat | | |
| 31000-32999 | 1944 | Steel Box | Pullman Standard | |
| 33000-33499 | 1945 | Steel Box | Pullman Standard | |
| 33500-34499 | 1947/1948 | Steel Box | Pullman Standard | |
| 34500-35999 | 1948 | Steel Box | Pullman Standard | |
| 36000-36999 | 1941 | Steel Box | Pressed Steel Car Co | |
| 38005-38103 | | Steel Box | | |
| 40500-40605 | | Steel Box | | |
| 41000-42149 | 1906-1908 | 40 Ton Flat | Standard Steel Car Co | |
| 42175-42188 | 1906-1908 | 30 Ton Flat | Standard Steel Car Co | |
| 45000-45099 | 1953 | Insulated Box Car | Pacific Car & Foundry Co | |
| 51000-56949 | 1906-1911 | 40 Ton Hopper Gondola | Stand Steel/Keith Car Co | |
| 56950-57449 | 1911 | 40 Ton Hopper Gondola | Keith Car Co | |
| 58000-58499 | 1929 | 40 Ton Gondola | New Haven Shops | |
| 60000-60649 | 1930-1937 | 50 Ton Gondola | NH/Readville Shops | |
| 62000-62014 | | 50 Ton Gondola | | |
| 63700-63849 | 1918 | Box Car | | |
| 80000-80014 | 1930 | 60 Ton Coke Car | Standard Steel Car Co | |
| 80000-80549 | 1953 | 70 Ton Hopper | Standard Steel Car Co | |
| 115000-115545 | 1929 | 50 Ton Hopper | New Haven Shops | |
| 116000-116249 | 1940 | Hopper Car | Pressed Steel Car Co | |
| 117000-117014 | 1949 | Covered Hopper | Pullman Standard | |
| 117015-117099 | 1954 | Covered Hopper | Pullman Standard | |
| 120000-121499 | 1918 | 55 Ton Hopper | Various | |
| 160000-164999 | 1926-1927 | Double Sheathed Box | Keith Car Co/NH Shops | |
| 170000-176550 | 1926 | Single Sheathed Box | New Haven Shops | |