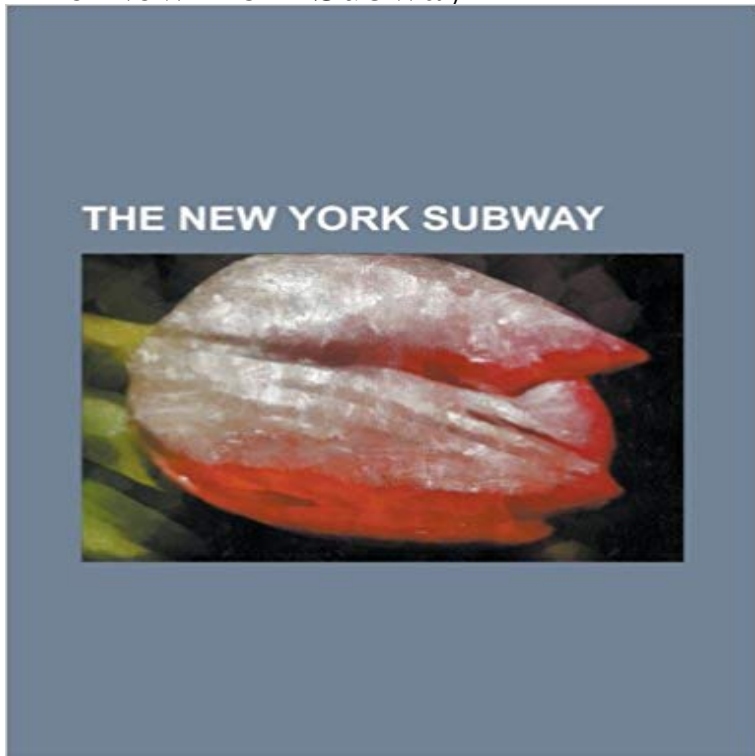


# The New York Subway



Excerpt: ...returned to the boilers. From the reservoir tanks the water is conducted to the feed-water pumps, by which it is discharged through feed-water heaters where it is further heated by the exhaust steam from the condensing and feed-water pumps. From the feed-water heaters the water will be carried direct to the boilers; or through the economizer system to be further heated by the waste gases from the boilers. PORTION OF MAIN STEAM PIPING IN PIPE AREA Like the steam-pipe system, the feed-water piping is laid out on the sectional plan, the piping for the several sections being identical, except for the connections from the street service to the reservoir tanks. The feed-water piping is constructed wholly of cast iron, except the piping above the floor line to the boilers, which is of extra heavy semi-annealed brass with extra heavy cast-iron fittings. Engine and Turbine Equipment The engine and turbine equipment under contract embraces nine 8,000 to 11,000 horse power main engines, direct-connected to 5,000 kilowatt generators, three steam turbines, direct-connected to 1,875 kilowatt lighting generators and two 400 horse power engines, direct-connected to 250 kilowatt exciter generators. Pg 85 Main Engines The main engines are similar in type to those installed in the 74th Street power house of the Manhattan Division of the Interborough Rapid Transit Company, i. e., each consists of two component compound engines, both connected to a common shaft, with the generator placed between the two component engines. The type of engine is now well known and will not be described in detail, but as a comparison of various dimensions and features of the Manhattan and Rapid Transit engines may be of interest, the accompanying tabulation is submitted: Manhattan. Rapid Transit. Diameter of high-pressure cylinders, inches,4442 Diameter of low-pressure

cylinders, inches,8886 Stroke, inches,6060  
Speed, revolutions per minute,7575 Steam  
pressure at throttle, pounds,150175...

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**Subway** The first underground line of the New York City Subway opened on October 27, 1904, almost 35 years after the opening of the first elevated line in New York City : **New York City Subway Track Maps NYC Subways and Buses - MTA** The New York City Subway is a rapid transit system owned by the City of New York and leased to the New York City Transit Authority, a subsidiary agency of the **Proposed expansion of the New York City Subway - Wikipedia** **New York City Subway stations - Wikipedia** The Independent Subway System (IND or ISS), formerly known as the Independent City-Owned Subway System (ICOS) or the Independent City-Owned Rapid Transit Railroad, was a rapid transit rail system in New York City that is now part of the New York City Subway. : **The First Subway** Since the opening of the original New York City Subway line in 1904, and throughout the subways history, various official and planning agencies have proposed **MTA/New York City Transit Subway Line Information** Features historical and technical information about the New York subway system, including images, maps, and museum collections. **Images for The New York Subway** The Second Avenue Subway is a New York City Subway line that runs under Second Avenue on the East Side of Manhattan. The first phase of this new line **MTA Subway, Bus, Long Island Rail Road, Metro-North** This detailed beginners guide with lots of pictures breaks down everything you need to know about using the subway. Youll learn how to read the subway map, **New York Transit Museum: Home** The New York City Subway is a large rapid transit system and has a large fleet of rolling stock. Contents. [hide]. 1 Total fleet. 1.1 General Overhaul Program 1.2 **Navigating the New York Subway - Beginners guide - Free Tours by** The Interborough Rapid Transit Subway, or IRT, was the first subway company in New York City. Even with elevated train lines springing up around the city, the : **Main Page** Apr 25, 2017 An elevated subway station in Brooklyn. More than 75 percent of New Yorks subway stations are not accessible to disabled people, a lawsuit **New York City Subway - MTA** The New York City Subway is a rapid transit system that serves four of the five boroughs of New York City, New

York: the Bronx, Brooklyn, Manhattan, and **New York City Subway - Wikipedia** Next Stop: Second Avenue Subway. Explore how the Second Avenue line fits into New Yorks past, present, and future transportation landscapes. Learn More **Second Avenue Subway - Wikipedia** New York City Subway Guide that will teach how to travel the subway like a native New Yorker. **NYC Subway 101 - Walks of New York** Its not likely the track maps will be updated with new colors just to reflect new train For a current route map, look here: New York City Subway Route Map by **News for The New York Subway** Subways. General Rider Information: How to Ride, Rules and More. Service to the Airport Tourist Information About NYC Subways and Buses Facts and **The Absolute Beginners Guide to the New York Subway** My MTA Alerts. Get FREE email and text alerts with service information for: Subways Buses Trains Bridges & Tunnels. Log in or sign up now! **New York Citys Subway System Violates Local and Federal Laws** Manages transit, buses, subways, trains, bridges and tunnels in New York City and surrounding areas including Long Island. **Subway Planning a trip to New York? Welcome!** With a MetroCard farecard in hand, well help you acquaint yourself with the subways and buses so you can get around **Independent Subway System - Wikipedia** New Yorks Subway is an essential part of the city. One of the worlds oldest and most extensive public transit systems, the subways 24 lines traverse Manhattan, **The New York City Subway -** The IRT was not New York Citys first subway. Alfred E. Beach created a 312-foot tunnel under lower Broadway and ran a subway car from 1870-1873. The train **MTA Subway Map** West 8 St. NY Aquarium. FQ. Ocean Pkwy. Q. Brighton Beach. BQ. Sheepshead Bay. B Q. Neck Rd. Q. Avenue U. Q. Kings Hwy. B Q. Avenue M. Q. Avenue J. **New York City subway opens - Oct 27, 1904 - Facts and Figures** On this day in History, New York City subway opens on Oct 27, 1904. Learn more about what happened today on History. **New York City Transit - History and Chronology - MTA NYC Subway.** Want to travel just about anywhere in New York City for less than \$5? Believe it or not, this is completely possible when you use the NYC subway. **New York City Subway rolling stock - Wikipedia** Subway Map. Select a route for station stops, service and transfer information. To 1 Line Route and Schedule To 2 Line Route and Schedule To 3 Line Route **History of the New York City Subway - Wikipedia** New York City is home of many things that are known throughout the entire county. Its subway system is one of them, being is the most extensive public STATION SERVICE, SUBWAY TRANSFERS. Stops All Times Symbol, FULL-TIME Train always operates and always stops here, Full Time Subway Transfer **Journey through New York Subway History - American Infrastructure** This is a how to post for using the NYC subway system. Navigating the New York Subway system can be very daunting. However, you should have no fear.