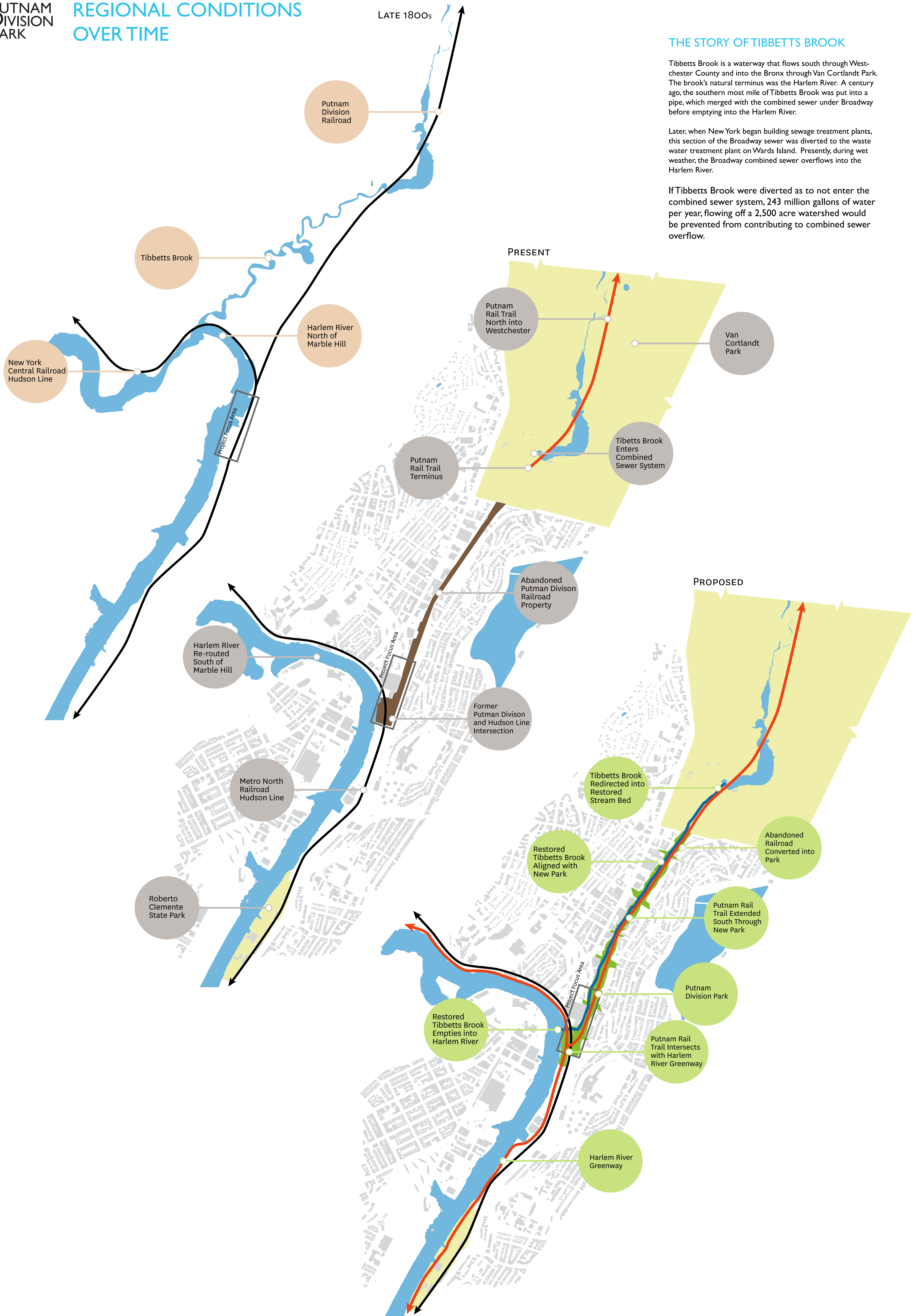


**THE STORY OF TIBBETTS BROOK**

Tibbetts Brook is a waterway that flows south through Westchester County and into the Bronx through Van Cortlandt Park. The brook's natural terminus was the Harlem River. A century ago, the southern most mile of Tibbetts Brook was put into a pipe, which merged with the combined sewer under Broadway before emptying into the Harlem River.

Later, when New York began building sewage treatment plants, this section of the Broadway sewer was diverted to the waste water treatment plant on Wards Island. Presently, during wet weather, the Broadway combined sewer overflows into the Harlem River.

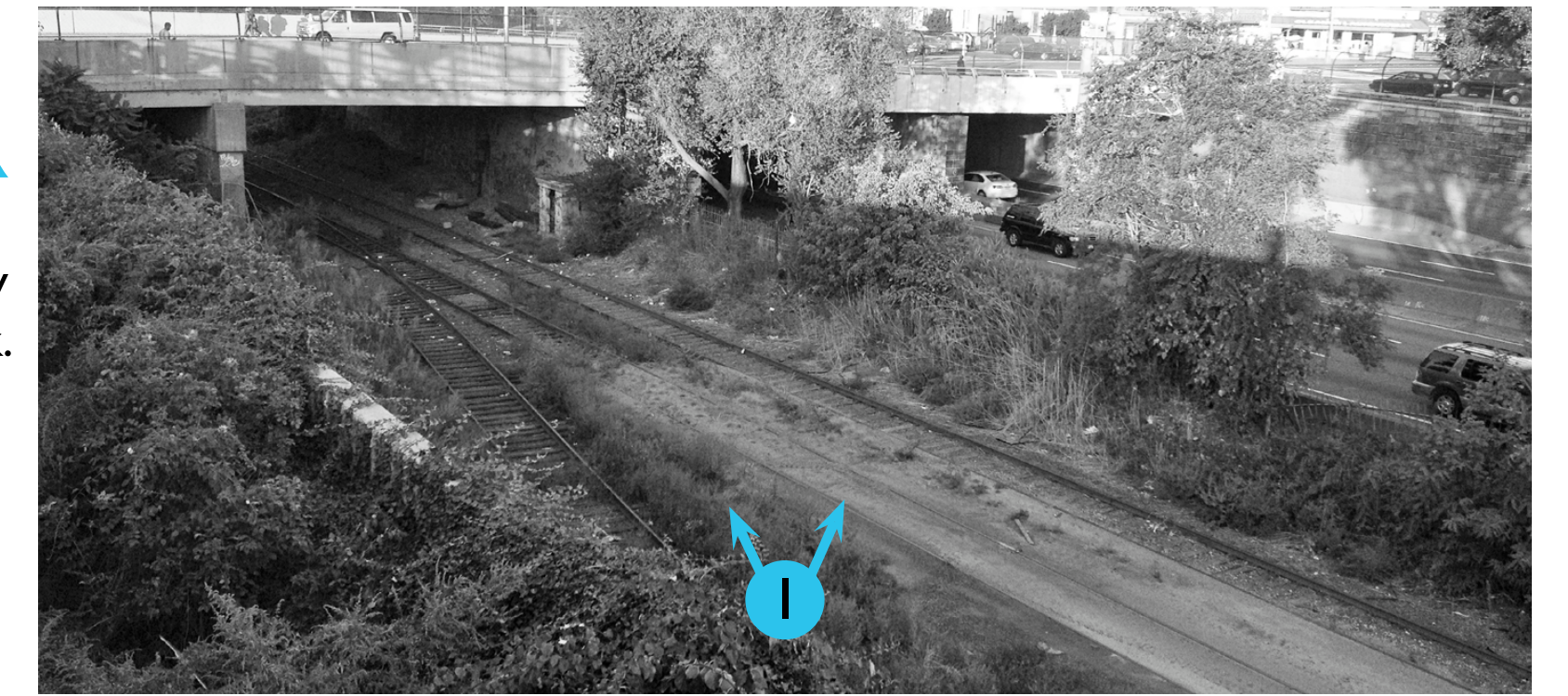
If Tibbetts Brook were diverted as to not enter the combined sewer system, 243 million gallons of water per year, flowing off a 2,500 acre watershed would be prevented from contributing to combined sewer overflow.





**PUTNAM DIVISION RAILROAD CORRIDOR**

The Putnam Division's abandoned right-of-way narrows as it heads north towards Van Cortlandt Park.



**RAILROAD CORRIDOR TAPERS**

This area begins to open up between the Target shopping center and the Major Deagan Expressway.



**METRO NORTH RAILROAD**

Metro North's Hudson Line separates this site from the Harlem River. It also separates this site from other future park sites which sit between Metro North and the Harlem River



**ABANDONED RAILROAD BUILDINGS**

The New York Central Railroad once owned the Putnam Division and the Hudson Line. They constructed these attractive brick buildings, which held electrical transformers.

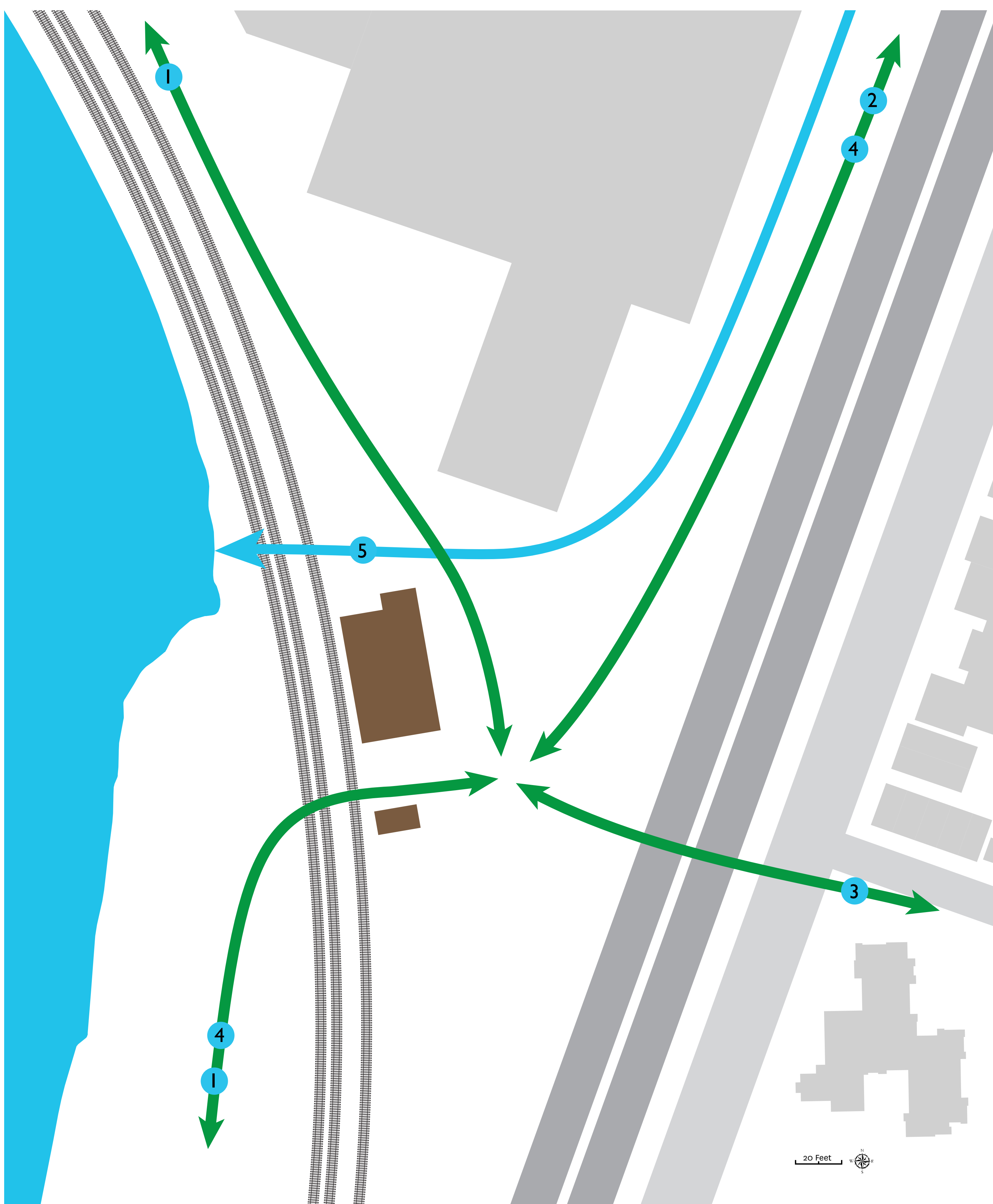


**WIDE GRAVEL AREA**

There is a wide open triangular shaped area south of the Target shopping center where the Metro North Tracks and the Major Deagan Expressway diverge.



**NEW CONNECTIONS**



**1 HARLEM RIVER GREENWAY**

The Harlem River waterfront in the Bronx has the potential to provide residents and visitors with a riverfront greenway, similar to that of the Hudson River Greenway. The new greenway would cross the Metro North tracks into Putnam Division Park and proceed north between the tracks and the Target Shopping Center.



**2 PUTMAN GREENWAY**

The Putman Trail currently begins in Van Cortlandt Park and follows the abandoned right-of-way of the Putnam Division Railroad north for more than 40 miles. Extending the Putman Trail south to the Harlem River and connecting it with the Harlem River Greenway is an important part of future greenway connectivity in New York City.



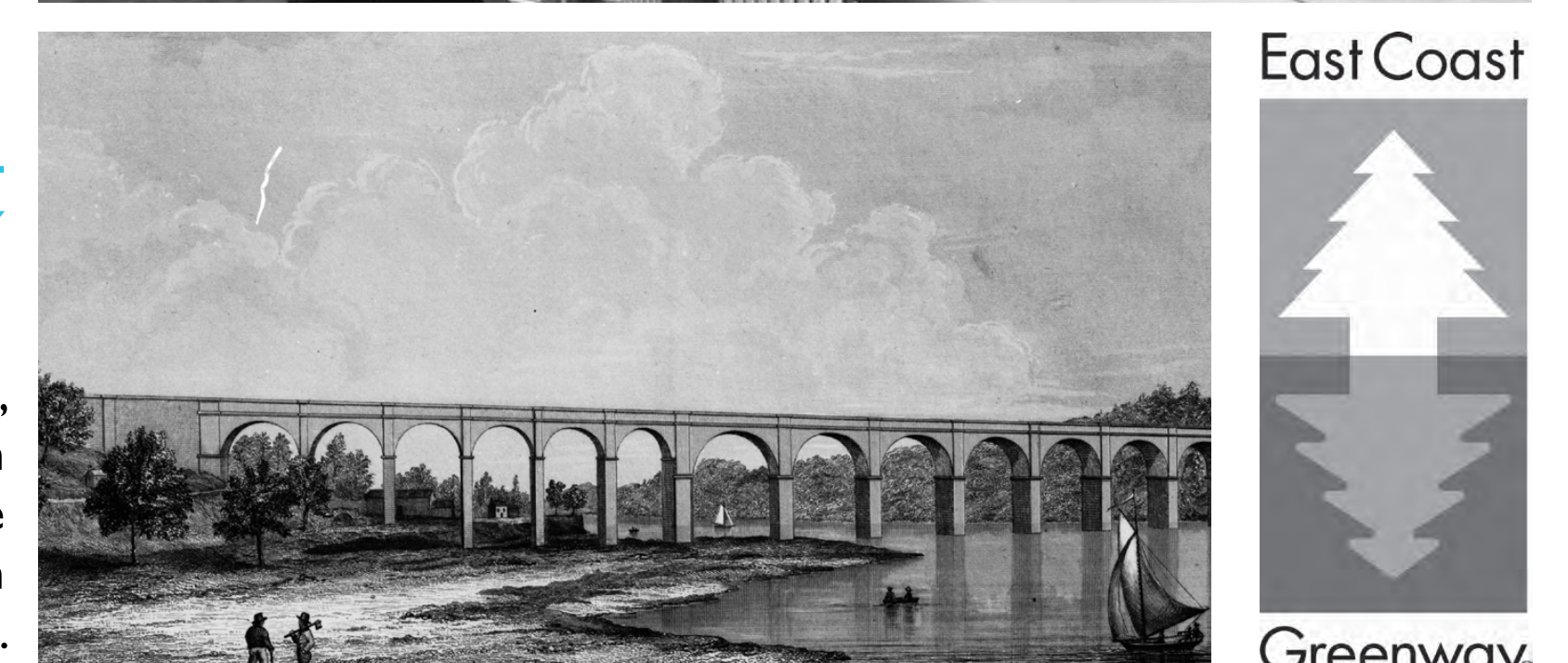
**3 BRONX CONNECTS WITH THE RIVER**

Bronx residents have few access points to the Harlem River. As new park land is developed on the river, a new pedestrian and bicycle bridge in Putnam Division Park will provide a crossing of the Major Deagan Expressway and the Metro North Railroad.



**4 OLD CROTON AQUEDUCT TRAIL AND EAST COAST GREENWAY**

Utilizing the new Putnam and Harlem River Greenway connections, Putnam Division Park will form connections with the old Croton Aqueduct Trail in Van Cortlandt Park to the north and at the High Bridge to the South. A connection with the East Coast Greenway, which traverses Van Cortlandt Park will also be established.



**5 TIBBETTS BROOK FINDS THE RIVER AGAIN**

The abandoned Putnam Division property provides a continuous route between Van Cortlandt Park, where the stream enters New York's combined Sewer system and the Harlem River, where the brook originally emptied.



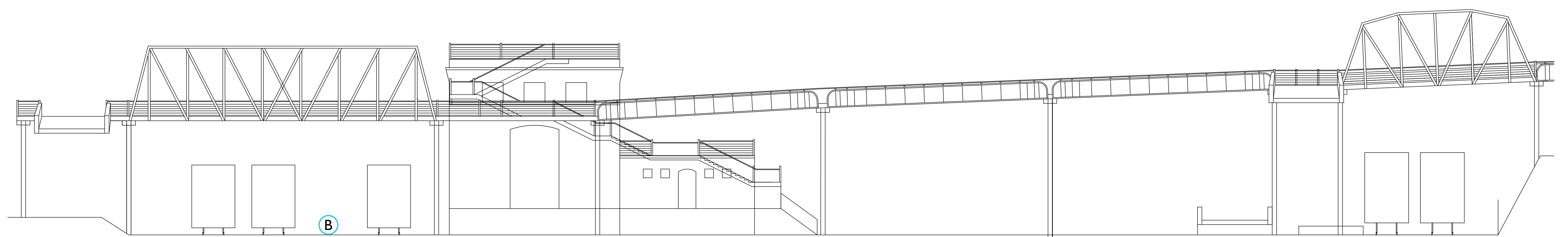


EXISTING ELEMENTS

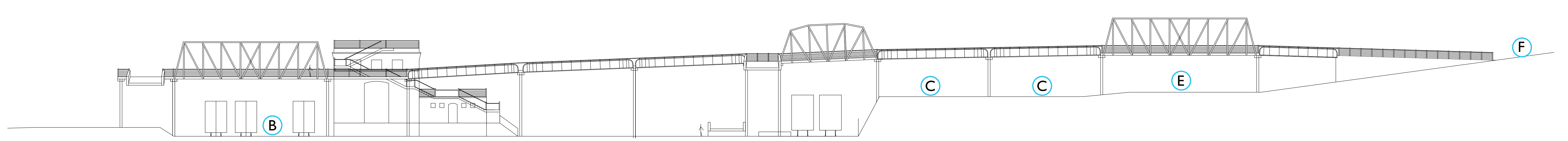
- (A) HARLEM RIVER
- (B) METRO NORTH RAILROAD
- (C) MAJOR DEAGAN EXPRESSWAY
- (D) TARGET SHOPPING CENTER
- (E) BAILEY AVENUE
- (F) WEST 193rd STREET

PROPOSED ELEMENTS

- (1) **TIBBETT'S BROOK** - Removed from combined sewer system. Re-routed above ground, into Harlem River. The southern portion of the new route will become a tidal estuary.
- (2) **PUTNAM TRAIL GREENWAY** - Connected to existing section in Van Cortland Park to the north. Connected with proposed Harlem River Greenway to the south.
- (3) **HARLEM RIVER GREENWAY** - Extends north and south through proposed waterfront parkland.
- (4) **BRIDGE** - Provides crossing for the Harlem River Greenway across Metro North Tracks. Provides crossing for Bronx residents across Major Deagan Expressway. Designed to look like railroad truss sections.
- (5) **WORKING RAILROAD CAR EXHIBITION** - Two tracks will stay connected with the Metro North Corridor - Historic rail cars and locomotives can be moved around for display purposes and for use as dining, storage, etc.
- (6) **STATION PLATFORM** - Provides access to rolling stock on display. Can also be used for dining space.
- (7) **RAILROAD YARD PATHWAY FRAMEWORK** - Railroad tracks to be laid out across the site. Pedestrian paths in this area will take cues from the tracks.
- (8) **FLOWING BROOK PATHWAY FRAMEWORK** - Pedestrian and greenway paths will take cues from Tibbett's Brook.
- (9) **RE-PURPOSED ELECTRICAL TRANSFORMER BUILDING** - Historic Transformers will remain in place. Two story section will be open to the sky with a catwalk at the top level for views of the transformers and the surrounding landscape. The one story section of the building will become a park visitors center.
- (10) **THE POINT - RAISED AREA** - Elevating the tapering 'point' at the southern end of the property provides a unique vantage point with views up and down the Metro North Railroad as well as north into Putnam Division Park.
- (11) **BURIED BOX CAR** - The Point will envelope much of a historic box car. Pathways will climb the raised area on either side of the box car to allow park users to interact with it.
- (12) **STONE BROOK CROSSING** - Pedestrians will be able to interact with the newly routed Tibbetts Brook by crossing it on stepping stones. Several bridge crossings will also be available.
- (13) **BOARD WALK** - Several sections of pathway will extend out over Tibbetts Brook on boardwalk, giving park users more opportunity to interact with the brook.
- (14) **TIBBETT'S BROOK METRO NORTH CROSSING** - A culvert under the active Metro North Railroad tracks will be constructed to allow Tibbetts Brook to flow into the Harlem River. Since the Harlem River is actually a tidal straight, water will be flowing in both directions through this culvert as the tides rise and fall.



SECTION ELEVATION - BRIDGE OVER PUTNAM DIVISION PARK



SECTION ELEVATION - ENTIRE BRIDGE OVER PUTNAM DIVISION PARK, CONNECTING TO WEST 193rd STREET



50 Feet

