



NOV 18 1987

FILE: NY, NYC10-1253

Mr. Magdi Farag, P.E., Chief
Division of Sewer Regulation and Control
Bureau of Sewers
NYC Department of Environmental Protection
40 Worth Street
New York, NY 10013

Subject: West Side Connection
Manhattan, NYC

Dear Mr. Farag:

Attached is one set of 100% plans and specifications for our proposed rehabilitation of the former Conrail/New York Central West 30th Street Branch for Amtrak service. Please review the drainage aspects as they relate to City Sewers and provide comments by December 4, 1987.

For the most part, our drainage work consists of clean up and repair of the existing drainage system - clean out of pipes, manholes and catch basins - in this contract and in a prior right-of-way clearing contract.

For purposes of identification, the drainage system can be divided into four distinct areas:

Area 1: West 37th Street to West 60th Street (Sheets T-1 to T14).

Area 2: West 60th Street to West 72nd Street (Sheets T-14 to T-19).

Area 3: West 72nd Street to the Viaduct at 125th Street (Sheets T-19 to T-37)

Area 4: Viaduct to Spuyten Duyvil (Harlem River) (Sheets T-37 to T-56).

In Area 1, we are rehabilitating the existing piped drainage system. Outfall is pumped to City sewers at two locations - West 42nd Street and West 59th Street. We will be installing new pumps in the existing pumping stations as separate work.

In Area 2, we are constructing a new gravity storm sewer to drain our 55 foot wide easement through the Trump parcel. Since right-of-way width is limited and the area is to be eventually overbuilt, we are installing a combined storm sewer/underdrain. The area between West 66th Street and West

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72nd Street (2.1) acres is drained to the City sewer in 72nd Street. Discharge to this sewer is estimated at 3.0 cubic feet per second. After the Trump development and overbuild, of course, discharge will consist only of subsurface drainage, which will be a negligible amount. Our detail for the connection is on Sheet D-1. We are connecting to the 5' x 7' barrel since our data shows the upper 3' x 4' barrels to be sanitary sewers. T-19 D-1

In Area 3, the railroad is completely overbuilt by Riverside Park and the Henry Hudson Parkway. We do not plan any changes to the existing drainage system. We are cleaning our drainage structures under a prior contract.

In Area 4, drainage work consists of pipe and ditch cleanout. For the most part, culvert pipes in this area drain directly to the Hudson River.

In you have any questions, please contact Norman Satterthwaite at (215) 557-4274.

Sincerely,

A. E. Shaw, Jr.
A. E. Shaw, Jr., P.E.
Director Engineering
Track and Structures

Attachments: One set of Plans and Specifications

NAS/dar

cc: M. E. Dunn
K. P. Felsburg, Jr.
J. N. Michel
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