

cc: DiMartino
Farag
D. Smith
Aggarwal
Suspense
RA:lp

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JUL 29 1986

WATER POLLUTION CONTROL
MAIL ROOM

19005
7 24 86

July 24, 1986

Mr. George O'Neil, P.E.
Parsons Brinckerhoff Quade & Douglas Inc.
One Penn Plaza
New York, NY 10119

RE: Amtrak Tunnel Extension,
Borough of Manhattan

Dear Sir:

This is in reply to your letter dated July 9, 1986 with which you submitted one (1) set of plans for the above referenced project and a subsequent meeting held on July 18, 1986.

The plans submitted by you show that relocation of the combined sewers in 33rd and 34th Streets along 11th Avenue will be required. These plans indicate the use of a siphon to accomplish this relocation.

As was mentioned in the meeting held on July 18, 1986, the concept of using siphon or pumping station is not acceptable to this department. Other means such as rerouting of the affected outfall sewers should be investigated.

This submission should be made in the P.D. format. In case you have any questions, please contact Raj K. Aggarwal, P.E., at (212) 566-5615.

Very truly yours,

ORIGINAL
SIGNED BY

MAGDI FARAG, P.E., CHIEF
Div. of Sewer Regulation &
Control, Bureau of Sewer

**Parsons
Brinckerhoff** 100
YEARS

TO: SMITH dm 930
7/14/86

**Parsons
Brinckerhoff
Quade &
Douglas, Inc.** One Penn Plaza
New York, NY 10119
212-613-5000

Engineers
Planners

Cable: Parklap, New York
Telex: RCA 232 117 PKLP UR

July 9, 1986

Mr. Magdi Farag, P.E.
Chief, Division of Sewer Regulation and Control
40 Worth Street Room 922
New York, NY 10013

Re: Amtrak Tunnel Extension

Dear Mr. Farag:

Amtrak has proposed to extend their existing single track from the vicinity of 33rd Street to the vicinity of 38th Street by a combination of a tunnel, open cut and at grade construction. The preliminary concepts for this relocation were prepared by others, and we are now preparing the contract documents for this extension.

The proposed plan of the extension, shown on Fig. 1, will require relocation of the combined sewers located in 33rd and 34th Streets along 11th Avenue. The tunnel grade at this location is about 13 ft. below the inverts of the existing sewers. Previous studies of this relocation by others, have indicated the use of a siphon to accomplish the relocation at both 33rd and 34th Streets.

We would appreciate reviewing with you existing sewer information, the project configurations, the requirements for combined sewer relocations, the requirements for use of a siphon and the submittals and reports needed for approval of any proposed relocation. To implement this process, we suggest a brief meeting to provide an opportunity to exchange information and to set the stage for future formal submittals. To set this meeting please call me as soon as possible at (212) 613-5155 or Mr. Erez Sela at (212) 613-5159.

We appreciate your cooperation in this most interesting and challenging project.

Very truly yours,

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.

George R. Oliger, P.E.
Assistant Vice President

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D.E.P./BUREAU OF SEWERS

JUL 10 1986

DIVISION OF
SEWER REGULATION
& CONTROL

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