

CITY OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF SEWERS  
INTER - DEPARTMENT  
MEMORANDUM

November 17, 1983

TO: GORDON YEE, P.E., ACTING CHIEF, PRIVATE DRAINAGE REVIEW SECTION  
FROM: MAGDI FARAG, P.E., CHIEF, ENGINEERING REVIEW SECTION  
SUBJECT: NORTH ACCESS CONNECTION, 10TH AVENUE TUNNEL AMTRAK, BOROUGH OF MANHATTAN

Seelye Stevenson & Knecht, Engineers and Planners, have submitted plans with a letter dated November 10, 1983 for the above referenced project. The plans show replacement of a portion of existing 4'-0" X 2'-8" brick egg shaped sewer in 10th Avenue with a 30" R.C.P. class III sewer.

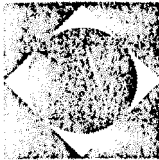
Enclosed is a set of plans and hydraulic computations. Please check if the proposed sewer has the same capacity as the existing sewer and relate your comments to this office as early as possible so that we can process the review of this project.

ENCLOSURE.

MAGDI FARAG, P.E., CHIEF  
Engineering Review Section

cc: Novotny  
Farag  
Aggarwal  
Suspense  
RA:lp

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11-17-83


**STV/SEELYE STEVENSON VALUE & KNECHT.**
**ENGINEERS & PLANNERS.**

99 PARK AVENUE  
NEW YORK, NY, 10016  
212/867-4000, Telex 64 9081 SSV&K

November 10, 1983

City of New York  
Department of Environmental Protection  
Division of Sewer Regulation & Control  
Bureau of Sewers  
2358 Municipal Building  
New York, NY 10007

Attention: Mr. Frederick Novotny, P.E.  
Chief Division of Sewer Regulation and Control

Reference: Amtrak North Access Connection  
Tenth Avenue Tunnel  
Borough of Manhattan

Subject: Sewer Work in 10th Avenue (95% Submission)

SSV&K No.: 22-6018

Enclosed please find (3) sets of plans revised in accordance with your comments as set forth in your letter of October 13, 1983 to Mr. Harry Kamamis, P.E., Director, Mass Transit Coordination, N.Y.C.D.O.T.

In answer to Comment No. 12, the proposed 30" R.C.P. which replaces the existing 4'-0" x 2'-8" egg shaped brick sewer, carries the same flow as the 30" R.C.P. upstream which was installed under M.T.A. Contract No. 1-02-21064-0-0. An existing 6" C.I.P. force main and an existing 24" C.I.P. force main which tie into the existing 4'-0" x 2'-8" egg shaped brick sewer are being relocated (see Dwg. C-UT1 and CUT2.). The relocated force mains and the manhole (Manhole #2) to which they connect will be owned and maintained by Amtrak. No other house connections to the existing 4'-0" x 2'-8" egg shaped brick sewer to be replaced are known to exist.

I have enclosed computations prepared during the design of M.T.A. Contract No. 1-02-21064-0-0 which indicate that the flow in the sewer rerouted under that contract is 12.96 C.F.S.. As no additional flow is added to our proposed 30" R.C.P. it will definitely be adequate to carry this flow (I have also enclosed computations of the capacity of the proposed 30" R.C.P.). As the existing 6" C.M.P. and 24" C.M.P. force mains are merely rerouted and then reconnected to the City System, there will be no additional flow to any portion of the City System.

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STV ENGINEERS, Engineers, Architects, Planners, Construction Managers. Professional Member Firms:  
STV/Baltimore Transportation Associates; STV/Lyon Associates; STV/Management Consultants Group; STV/  
H. D. Nottingham & Associates; STV/Sanders & Thomas; STV/Santafria; STV/Seelye Stevenson Value & Knecht.

**SEELYE STEVENSON VALUE & KNECHT.**  
AN ENVIRONMENTAL PROFESSIONAL FIRM

City of New York  
Dept. of Environmental Protection  
Attention: Mr. Frederick Novotny, P.E.  
Chief Division of Sewer Regulation  
& Control

November 10, 1983

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Additionally, I wish to note that this work will be made part of M.T.A. Contract No. 1-02-21064-0-0.

We would appreciate an expedited review of this material as we are on a tight schedule with respect to our final plans and specifications submission on November 25, 1983.

Thank you for your cooperation in this matter.

Very truly yours,

SEELYE STEVENSON VALUE & KNECHT, INC.



James P. Hynes, P.E.  
Project Manager

JB:mbm

Enclosures:

(3) sets of plans of civil work (95% Submission)

Copies to:

R. Lawrie, - N.Y.C.D.O.T., M.T.C.C.C.  
H. Kamamis, - N.Y.C.D.O.T., M.T.C.C.C.  
H. F. Longhelt - Amtrak Eng. Dept.  
R. J. Posthauer - SSV&K  
J. Aliprantis - SSV&K  
Central File (2)  
File/JPH