

231.020

May 13, 1980

Mr. R. M. Monti, P.E.
Chief Engineer
Port Authority of N.Y. & N.J.
One World Trade Center
New York, New York 10048

RE: WTC-776.00; Dey Street
Underpass & Utility
Relocation

Borough of Manhattan

Gentlemen:

In reply to your revised submittal of Drawing No. 3 of the plans for the referenced project, with your letter dated April 2, 1980, please be advised that no approval can be given for these plans until the following comments are complied with:

- 1) Two (2) complete sets of the latest plans should be submitted for our review showing all up-dated revisions, so that new information shown on Drawing 3 can be examined in profile, section or detail as shown on other sheets.
- 2) The plans should indicate the distinction between those existing utilities to remain and these to be removed or abandoned, especially where they are close to existing or proposed sewers.
- 3) The proposed 15" dia. ductile iron pipe between new sewer man-hole 3 and the existing M.H. in Church Street should be completely encased in concrete, since it will be located beneath other utilities. In addition, the clearances between this pipe and the escalator structure, as well as all the utilities crossing it should be shown in a revised profile drawing. This was not done in the previous profile drawing.
- 4) Revised plans should include a profile along the existing 3'-6" X 2'-8" sewer in Church Street, showing clearances with the escalator structure and with all other proposed and existing utility lines to remain.

E.R.S.#1628
DATE 5/13/80

L. J. Monti

- 2 -

May 12, 1989

- 2) Your revised Drawing #3 indicates two (2) proposed connections to the existing 3'-6" X 2'-4" egg shaped sewer in Church Street, which were not shown on your previous submittal. These connections should not be made directly into the existing sewer, but should be connected first to manholes. The quantities and types of flow from these connections should be indicated on the plans. In addition, it should be noted that no flow is permitted to be discharged into the city sewers under pressure. Any such flow must first enter an intermediate pressure-relief manhole, and then flow by gravity into the outlet sewer. The details of the design of such a pressure-relief manhole must be shown on the plans, and computations for the gravity pipe size and slope should be submitted. Pressure relief manholes cannot be maintained by this department, and must be identified, by suitably marked covers, indicating ownership and maintenance responsibility.

A copy of your submitted plan has been marked-up in red and enclosed herein, to illustrate the above and other minor comments. Review of this proposal will be continued upon receipt of two (2) complete sets of revised plans in conformance with all of these comments.

Very truly yours,

FREDERICK NOVOTNY, P.E., CHIEF
Div. of Sewer Regulation & Control

Encl.

cc: DiMartino
Novotny
H. Smith/Skelly
Pocci
Powerstein
Farag
Swedlow (4)
Suspense

MS/at