

CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SEWERS
INTER - DEPARTMENT
MEMORANDUM
October 31, 1983

TO: FRANK OLIVERI, P.E., CHIEF, DIVISION OF SEWER MAINTENANCE
FROM: MAGDI FARAG, P.E., CHIEF, ENGINEERING REVIEW SECTION
SUBJECT: W.T.C. 776-DEY STREET ESCALATOR-UNDERPASS AT CHURCH STREET,
BOROUGH OF MANHATTAN

This office is currently evaluating a strategy for replacement of an existing 3'-6" X 2'-4" sewer which conflicts with the proposed escalator underpass.

To properly consider alternatives it will be necessary to inspect the interior of the sewer to ascertain the following:

- a) In the Dey Street Manhole (shown on the attached sketch);
Verify the two (2) 6" spurs. Are the spurs live, and if so, what do they service?
- b) Obtain an accurate sketch of the cross sectional dimensions of the special fabricated Cast Iron Elliptical section.

During the recent "Downtown Manhattan" inspections this location was not inspected because of excessive steam. It will probably be necessary to arrange for a steam shutdown or positive ventilation during the inspection.

cc: DiMartino
Novotny
Farag
Nagy
Suspense
MN:lp

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

7626
10-31-83

E5T SIDE

20'-0"
10'-0"

M.H.W. EL. 100

New 15" Vitr. Sewer

6.50

END TITIS
ORIGINAL

MAINTENANCE

Old 40" Vitr. Sewer
New 40" Vitr. Sewer

El. 123.89

El. 123.42

El. 123.50

El. 123.91

El. 123.97

El. 118.97

El. 116.67

El. 119.50

El. 115.70

El. 113.33

El. 114.01

El. 116.66

El. 115.45

El. 106.90

Vault Floor

El. 107.28

El. 107.71

El. 107.75

Brick

C.I. Pipe

Concrete

Brick

Concrete

Brick

C.I.

M.H.W. EL. 100

New 3'-6" x 2'-0" Sewer

New 3'-6" x 2'-4" Sewer

New 18" Sewer

E5T SIDE

21'-20'-0"
17'-10'-0"

Sewer

PROFILE

SCALE

