NYC 9/11 Public Portal Document

Chandra SMITH
~~Lee~~
FYI.

CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
2358 MUNICIPAL BUILDING, NEW YORK, N.Y. 10007 (212) 669-8200

HARVEY W. SCHULTZ
Commissioner

March 25, 1988

TO: William Lipski, Chief of Sewer Construction
Michael Rennard, P.E., Chief, Division of Sewer Design

FROM: Magdi Farag, P.E., Chief, Division of Sewer Regulation and Control

SUBJECT: Sewer and Water Lines at Amtrak's West Side connection, between West 139th Street & 140th Street, West 144th Street and West 147th Street, vicinity Riverside Drive, Manhattan.

We are preparing a response to a letter from Mr. Shaw of Amtrak, copy attached, concerning leaks onto the Amtrak Railroad at the westside connection.

An Engineering Field Investigation was conducted by Sewer Maintenance and the attached report dated December 9, 1987 was received.

Your comments on this report would be appreciated which will be incorporated into our reply letter to Mr. Shaw.

cc: DiMartino
Farag
Ragucci
Uriko
Ganz
Sirico
File
IG/lb
Rm 928
U 4/88

RECEIVED
D.E.P./BUREAU OF SEWERS
MAR 28 1988
DIVISION OF SEWER REGULATION AND CONTROL

Dispatched
MAR 28 1988
Bureau of Heavy Construction
Mail Room

NYC-WTC_000165620

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National Railroad Passenger Corporation, 2000 Market St., Philadelphia, PA 19103

JUL 21 1987

Amtrak

FILE: NY,NYC10-1253

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

RECEIVED
N.Y.C. BUREAU OF SEWERS
JUL 27 1987
DIVISION OF SEWER REGULATION AND CONTROL

RE: Sewer and Water Lines at Amtrak's West Side Connection, Borough of Manhattan (Formerly Conrail's West 30th Street Branch)

Dear Mr. Farag:

Attached is a copy of my January 30, 1987 letter concerning broken sewers and water mains that are spilling water, sewage, and sediment onto the railroad. We received no response.

We have taken preliminary cleanup action in order to clear the tracks of sediment to permit work train use. However unless the City takes action to correct the source problem, the situation will continue to deteriorate.

The problems are at three locations:

1. At West 147th Street (between Riverside Drive and the railroad), your Mr. Kachi Nwosu identified the problem as a broken sewer main by inspection on October 24, 1986. Raw sanitary sewage is flowing onto the railroad from an abandon sewer line from Riverside Drive.

2. At West 144th Street, there is constant flow of clear water from the ground east of the railroad, apparently from a broken water main. Mr. Nwosu said he would have the water chemically tested to verify this. This also was in October of last year. The water is still flowing and washing silt onto the railroad.

3. Between West 139th and 140th Streets, storm drainage from Riverside Drive is washing silt onto the tracks in ever increasing amounts. This was also confirmed by Mr. Nwosu during our October 1986 inspection.

Our design work on track and drainage rehabilitation is 75% complete (Attached are plans covering the entire length of the project). We are about to begin hauling track materials in by rail. We now have a low bidder prepared to start clearing the right-of-way.

AN EQUAL OPPORTUNITY EMPLOYER

NYC-WTC_000165621

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FILE: NY,NYC10-1283

Mr. Magdi Faraq, P.E. Chief
Division of Sewer Regulation and Control
Bureau of Sewers

RE: Sewer and Water Lines at Amtrak's
West Side Connection, Borough of Manhattan
(Formerly Conrail's West 30th Street Branch)

Page 2

We need immediate action by the City to make repairs to correct these problems. We cannot wait any longer. Please call me (215) 557-4286 so that we can discuss the matter.

Sincerely,

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

Enclosure: Plan Set, Ltr. dated 1/30/87

cc: Mr. Charles S. Foti, P.E.
Director-Mass Transit Coordination
New York City DOT
40 Worth Street
New York, NY 10013

M. E. Dunn
I. Oncu
K. P. Felsburg, Jr.

NAS/dar

RECEIVED BUREAU OF SEWERS
1987 JUL 30 AM 11: 32
PERMIT CLERK

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4-4/88

URIKO
3/2/88

CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY
1250 BROADWAY, NEW YORK, N.Y. 10001 (212) 971-6796

HARVEY W. SCHULTZ
Commissioner

JOSEPH P. CONWAY, P.E., Director
Assistant Commissioner

December 9, 1987

To: Magdi Farag, P.E.
Chief
Division of Sewer Regulation & Control

RECEIVED
D.E.P./BUREAU OF SEWERS
FEB 19 1988
DIVISION OF
SEWER REGULATION
AND CONTROL

From: Anthony Ragucci, P.E.
Chief,
Maintenance Section

Subject: I.D. #736 Amtrak leaks on Riverside Drive, Manhattan
D.F.O. 87-139

In response to a request dated July 21, 1987 regarding leaks on the Amtrak Railroad at the west side connection (Riverside Drive), an engineering investigation was conducted and the following was found.

1) On Riverside Drive and West 147th Street

A leak was observed on the track. Dye tests and T.V. Inspections reveal that the 15" combined sewer at West 147th Street is not connected to the 3'-6"x2'-4" sewer on Riverside Drive as shown in North River drainage area analysis.

The 15" sewer is 4 feet lower than the 3'-6"x2'-4" brick sewer. The 15" sewer would normally go to the river but is now collapsed and the sewage exits through the broken manhole west of Riverside Drive onto the Amtrak Railroad. It is recommended that the 15" combined sewer at West 147th Street and Riverside Drive be connected to the 3'-6"x2'-4" brick sewer under capital project. We will perform trap elevation survey in preparation for the capital project to connect the 15" sewer to the 3'-6"x2'-4" brick sewer.

2) On Riverside Drive and West 144th Street

A leak was detected and a sample analysis and dye test was performed. It was proven to be sewage. A sewer break repair sheet (CC#87S069858) has been submitted to reconstruct the sewer break at West 145th Street between Broadway and Riverside Drive. (See attached sheet).

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3) Riverside Drive between West 139th Street and 140th Street

There are low points on Riverside Drive that accumulate runoffs during rainstorms. This accumulation runs down into the Amtrak Area.

a) The west curb line reveal on Riverside Drive between West 139th Street and West 140th Street is 1". (Standard curb line 6").

b) The section Map #2119 from Topographical Bureau on Riverside Drive between west 139th Street and West 140th Street shows good pitch for runoff. (See attached sketch).

It is recommended that a Highway Capital Project be prepared to bring the street pavement to its legal grade so that rain water will enter the catch basins and ponding will be eliminated.

4) On Riverside Drive and West 146th Street

A leak was detected, and a sample analysis was performed. It was proven to be sewage. A sewer break report (CC#87569858) has been submitted to repair the sewer at West 145th Street between Broadway and Riverside Drive. The reconstruction of the sewer would stop the leak. (See attached break sheet).

Anthony Ragucci, P.E.
Chief,
Maintenance Section

cc: Rennard/Campagna
Ragucci
Donnellan/Nagy/Nwosu
File
KN:kj
Attachment

NYC-WTC_000165625

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF WATER SUPPLY

NYC-WTC_000165626

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LOCATION # (2)

SM - 107
REV.: 4/86

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SEWERS

PRIORITY

NOTIFICATION OF REQUIRED SEWER RECONSTRUCTION

[✓] T&M
[ ] KCP
[ ] KVP
[ ] QVP
[ ] QCP

TO: CHIEF, DIVISION OF SEWER CONSTRUCTION

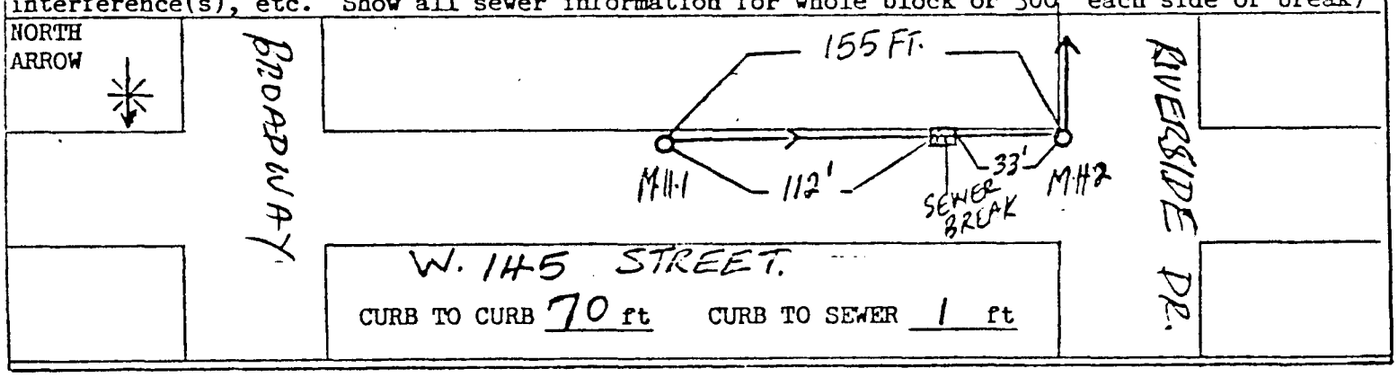
FROM: CHIEF, DIVISION OF FIELD OPERATIONS [OTHER] [SOURCE]

RE: MANHATTAN (BOROUGH) ____ (COMM. BD. #) 8750698S8 (C. C. #) ____ (PRIORITY CATEGORY #)

PLEASE BE ADVISED THAT WE HAVE INSPECTED AND EVALUATED THE SEWER LOCATED AT W. 145 ST. BT BROADWAY AND RIVERSIDE DRIVE.
AND FOUND THE FOLLOWING CONDITION TO EXIST: A SEWER BREAK LEAKING TO THE AMTRACK RAILROAD

PUMPING INFORMATION: [ ] CONTINUOUS [ ] PERIODIC [ ] NONE AT THIS TIME

(In the diagram below show street names, location and spacing of manholes and breaks, subways, interference(s), etc. Show all sewer information for whole block or 300' each side of break)



POWER ROD USED ON: ____
MAINTENANCE MATERIAL AT SITE:

[ ] PLATES
[ ] ROD(S)
[ ] NOZZLE(S)

SEWER
TYPE COMBINED
MATERIAL VIT.
SIZE/SHAPE 15"
DEPTH (ft.) 14' (Upstream M.H.)
DEPTH (ft.) 14' (Downstream M.H.)

CONTRACT # ____
SM 107 RECEIVED ____
O.T.W. SENT ____
SM 107 SENT ____
BEGAN PUMPING ____
BEGAN REPAIR ____
COMPLETED REPAIR ____
OTHER ACTION ____
CAPITAL PROJECT ____

LACHI NWOSU	CENTRAL	8/25/87	
~~FOREMAN~~ ENGINEER	DISTRICT	DATE INSPECTED	BOROUGH OFFICE CHECK
M. Delio	8/27/87		
SUPERINTENDENT - SEWER SERVICES	DATE PREPARED		ENGINEER - IN - CHARGE
[signature]	8/28/87		
CHIEF, DIVISION OF FIELD OPERATIONS	DATE APPROVED		CHIEF, DIVISION OF SYSTEM PLANNING

cc:					
	DIMARTINO	CONWAY	WATSON (N. O.)	OLIVERI	COMM. BOARD ( )
	VOGEL	GAINER	ROMANO	CAMPAGNA	N. Y. C. T. A.
	SKELLY	GREELEY	SILINONTE	URIKO	CON EDISON
	SYNEFAKIS	SAIA	HALLIDAY	GORMANLY	B'KLYN UNION GAS
	LUTFY	BERTINI	BORFITZ		N. Y. TELEPHONE
	FILE	SUPT. ( )	YARD ( )		

LOCATION (2)

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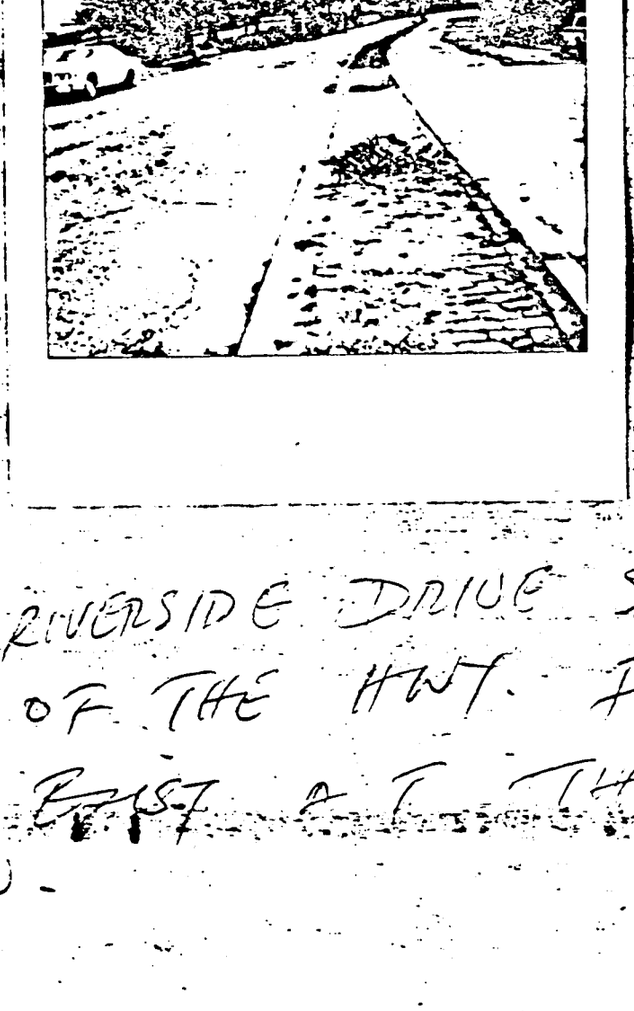
LOCATION #3



W. 140 ST / RIVERSIDE DRIVE STANDING THE GRADES OF THE HWY. FLOODING CONDITION EAST & T THIS LOCATION.

LOCATION (3)

NYC-WTC_000165629

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