



To: Smith
7/8/87
**Parsons
 Brinckerhoff
 Quade &
 Douglas, Inc.**

One Penn Plaza
 New York, NY 10119
 212-613-5000

July 7, 1987

Engineers
 Planners

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

Mr. Douglas Smith, P. E.
 Acting Chief
 Engineering Review Section
 Bureau of Services
 40 Worth Street
 New York, NY 10013

Re: AMTRAK North Access Tunnel
Structural Review by BOS

Dear Mr. Smith:

Enclosed please find a copy of the Minutes of the Meeting held in your office on July 2, 1987. Resolutions noted covers all the areas we have discussed. Please note that Item 3, has been revised to satisfy AMTRAK's insistence of not to abandon the 15" Ø line. If you disagree with any resolution noted, please inform us.

Very truly yours,

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.

Ahmet Gursoy
 Ahmet Gursoy
 Project Manager

Enc.

AG:jag:3D61

RECEIVED
 D.E.P./BUREAU OF SEWERS

JUL - 8 1987

DIVISION OF
 SEWER REGULATION
 AND CONTROL

FILED 35018
 DATE 7-7-87

Parsons Brinckerhoff

Memorandum

TO: Files

FROM: Ahmet Gursoy

DATE: 7/7/87

SUBJECT: AMTRAK North Access Tunnel
Structural Review Sewer - Siphon

A meeting was held at BOS on 7/2/87 to discuss the structural review by BOS for the 90% completion of the contract documents. The following were in attendance:

M. Farag	BOS
D. Smith	BOS
R. Aggarwal	BOS
A. Gursoy	PBQ&D, Inc.
N. Munfah	PBQ&D, Inc.
J. Schabib	PBQ&D, Inc.

The following changes or considerations were agreed upon:

1. Change wording from "Storm Sewer" to "Local Railroad Drain".
2. Eliminate breaks within 8" ϕ drain line connecting the trench sump pump to MH No. 1.
3. For the existing 15" ϕ drain pipe located just east of new combined sewer under 11th Avenue between 33rd and 34th street:
 - o Abandon 25 feet long portion at north end
 - o place a new C.B. next to the bridge drain.
 - o provide new 15" ϕ drain pipe connecting from new CB to drain inlet.
 - o Label this line "Local RR drain"
4. Design the tunnel to span over the siphon. This will be done by replacing the E.J. with C.J. Provide sufficient reinforcing to span over the siphon and provide $\frac{1}{2}$ " premolded filler between the tunnel

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Memorandum

and the siphon.

5. For underpinning columns of 30F, 30E, 30D and 30C, extend Steel Columns to siphon footing level.

6. For the dual siphon, the southern cell should be the redundant cell.

AG/am/024/001

Distribution:

Attendees

cc: I. Oncu - AMTRAK
A. Macaluso/Files