

**FLOODING
IN THE FORT
WASHINGTON OFFICE
PARK**

- The following presentation was given to the Upper Dublin Board of Commissioners to graphically represent approximated flooding reductions as a result of the replacement of the SEPTA R5 Stone Bridge in 2001/2002.
- This did not represent an Engineering or Planning level study, but an estimation of the reductions achieved based on the impacts realized on the Sandy Run from its' re-study by FEMA.



AERIAL VIEW OF FORT WASHINGTON OFFICE PARK WITH SELECTED 100 YEAR FLOOD ELEVATIONS.

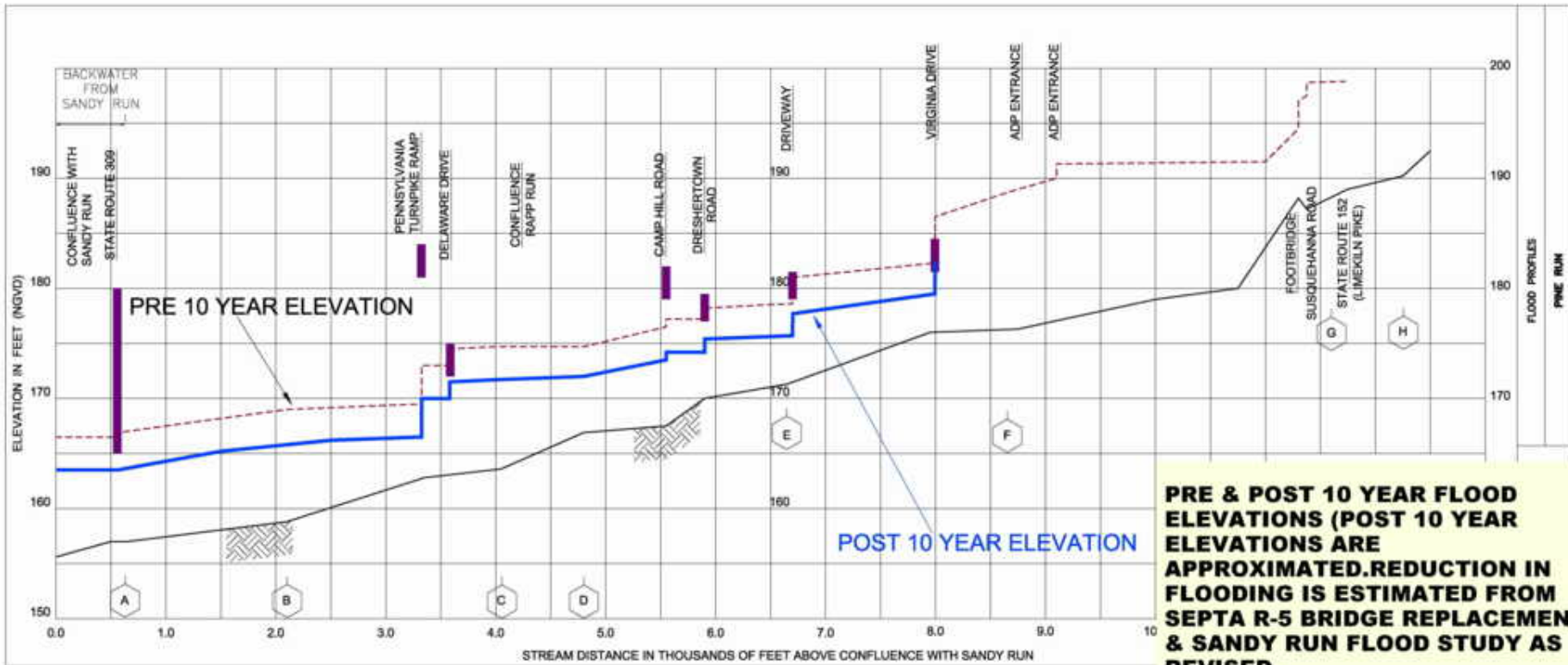
FORT WASHINGTON
OFFICE PARK FLOODING

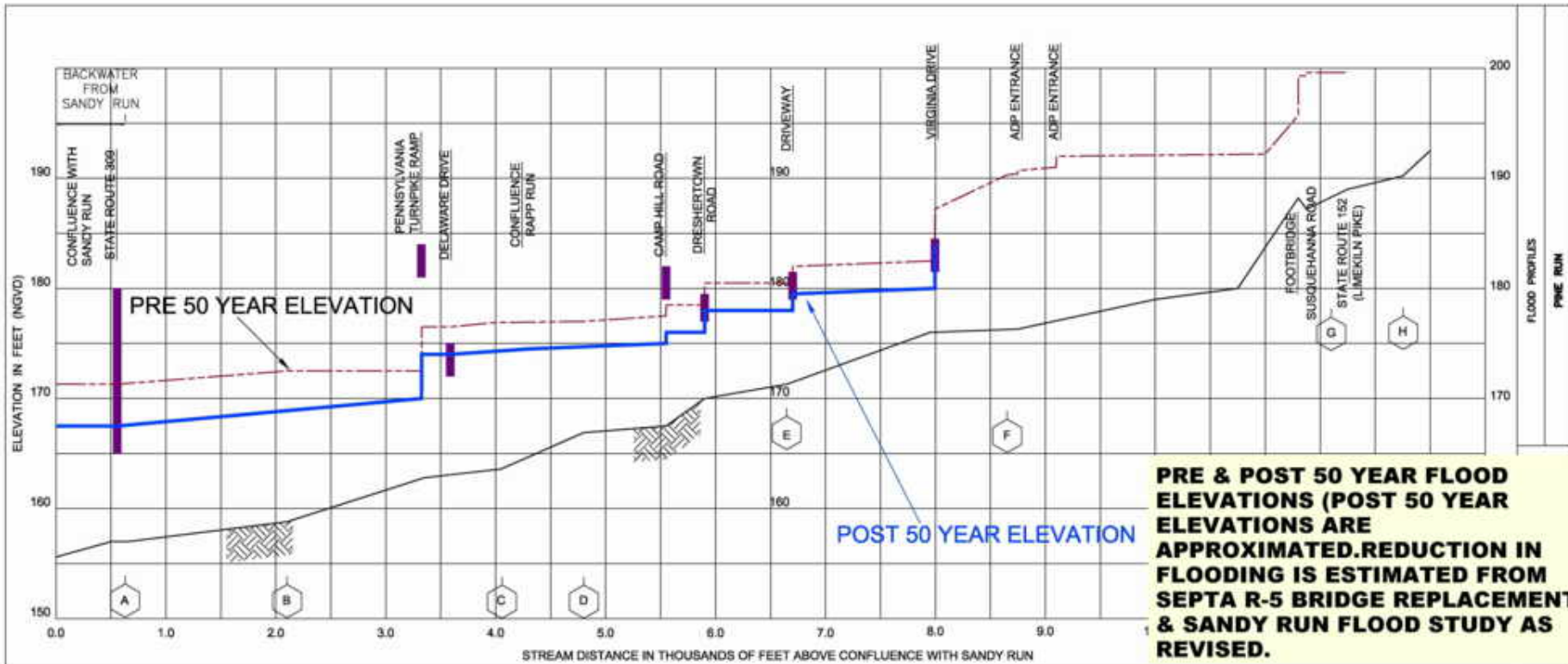


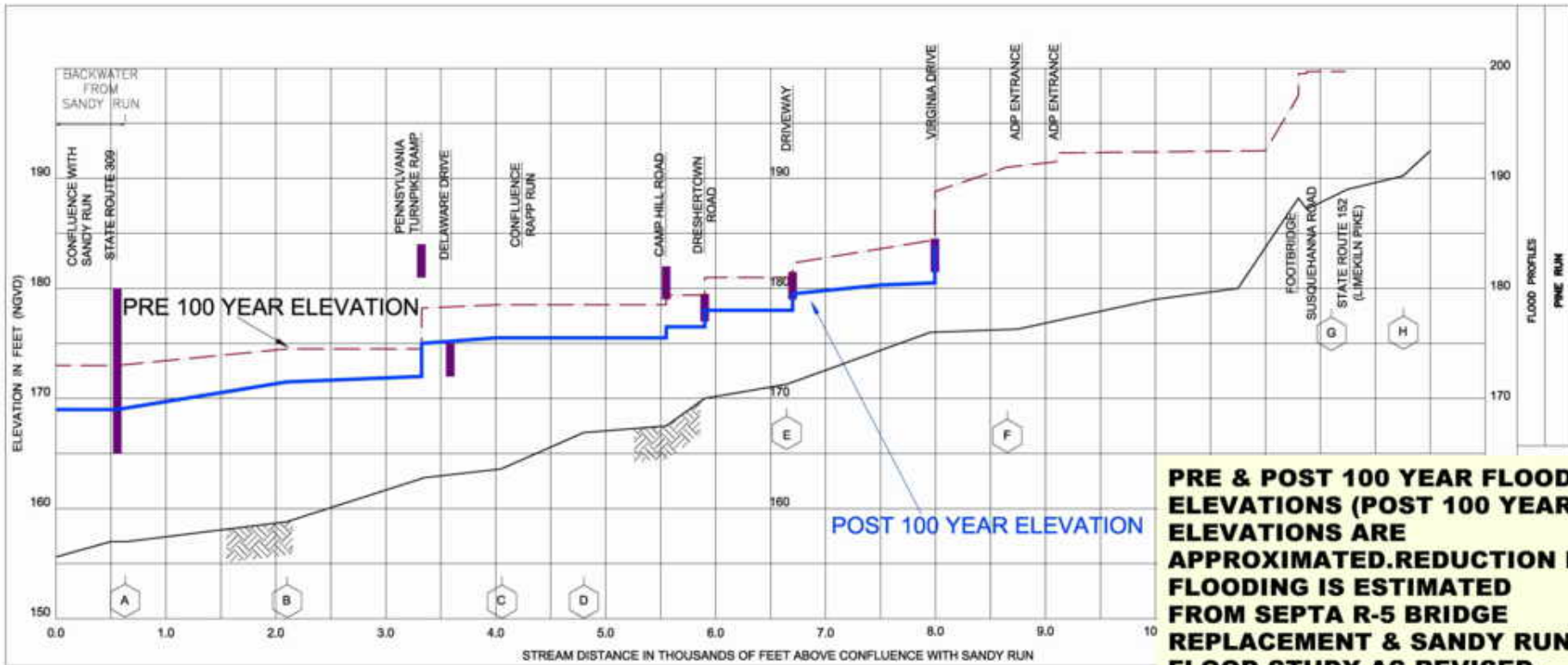


FORT WASHINGTON
OFFICE PARK FLOODING









PRE & POST 100 YEAR FLOOD ELEVATIONS (POST 100 YEAR ELEVATIONS ARE APPROXIMATED. REDUCTION IN FLOODING IS ESTIMATED FROM SEPTA R-5 BRIDGE REPLACEMENT & SANDY RUN FLOOD STUDY AS REVISED.)



**HALF OF OLD
SEPTA R-5
BRIDGE (OVER
SANDY RUN)
REPLACED 2002.**



NEW SEPTA R-5 BRIDGE
(OVER SANDY RUN)
BUILT 2002.



LOW POINT AT DELAWARE DRIVE AND VIRGINIA DRIVE.



PA TURNPIKE BRIDGE
(RAMP) OVER PINE RUN.
(DOWN STREAM OF
DELAWARE DRIVE).



UPSTREAM CHANNEL
AT DELAWARE DRIVE
BRIDGE.



VIRGINIA DRIVE BRIDGE AT FORT WASHINGTON EXPO CENTER. (5000 FT FROM SUSQUEHANNA ROAD).



VIRGINIA DRIVE BRIDGE.
(3300 FT FROM
SUSQUEHANNA ROAD).





PINE RUN AT ADP
(UPSTREAM).



DOWNSTREAM CULVERT
AT ADP.



PINE RUN ALONG VIRGINIA DRIVE DOWNSTREAM OF SLIP RAMPS.

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UPSTREAM AT
LOWER ADP
CULVERT.



