

**EXHIBIT 5 FLOOD ANALYSIS PRESENTED IN 2001 NOTICE  
OF PROJECT CHANGE**

Calculated results from MWRA/Cambridge showing  
existing flood levels for a 10-year storm,  
as adjusted for increased runoff from FEMA 1982 report  
and showing 0.13 to 0.14 foot increase in  
flood elevation for a ten year storm.

**Table D.5  
10-year 24-hour Water Surface Elevations (ft-NGVD)**

Scenario	Cross Sections				
	No. 12 Perch Pond	No. 7 CambridgePark Place Bridge	No. 6 Route 2 Culvert	No. 3 Mass. Ave. Bridge	No. 1 Woodstock Ave. Bridge
FEMA 1982	5.43	5.38	5.31	5.19	5.00
Existing 2000	5.83	5.80	5.63	5.40	5.00
Proposed w/o Detention Basin	6.68	6.62	6.30	5.80	5.00
Proposed with Detention Basin	5.97	5.93	5.74	5.46	5.00