

DATUM TABLE

COMPARISON OF DATUM PLANES			DESCRIPTION
	A	B	
1	100.539	+ 3.192	BOROUGH PRESIDENT OF RICHMOND
2	100.097	+ 2.750	N.Y. CENTRAL R.R.
3	100.097	+ 2.750	BOROUGH PRESIDENT OF MANHATTAN
4	100.072	+ 2.725	L.I.R.R. EXCEPT BAYRIDGE DIV. & TUNNELS
5	100.072	+ 2.725	BOROUGH PRESIDENT OF QUEENS
6	99.972	+ 2.625	WILLIAMSBURGH BRIDGE
7	99.955	+ 2.608	BOROUGH PRESIDENT OF BRONX
8	99.955	+ 2.608	NEW YORK, NEW HAVEN & HARTFORD R.R.
9	99.907	+ 2.560	BOROUGH PRESIDENT OF BROOKLYN-HIGHWAYS
10	99.646	+ 2.299	QUEENSBOROUGH BRIDGE
11	99.234	+ 1.877	BROOKLYN BRIDGE
12	99.067	+ 1.720	BOROUGH PRESIDENT OF BROOKLYN-SEWERS
13	99.027	+ 1.680	BROOKLYN WATER SUPPLY
14	99.025	+ 1.678	L.I.R.R.-BAY RIDGE DIVISION
15	99.024	+ 1.677	MANHATTAN BRIDGE
16	97.347	0	BOARD OF WATER SUPPLY
17	97.347	0	U.S.C. & G. SURVEY (MEAN SEA LEVEL, SANDY HOOK)
18	97.347	0	WESTCHESTER COUNTY PARK COMM.
19	96.561	- 0.786	CROTON AQUEDUCT
20	95.244	- 2.103	DEPT. OF MARINE & AVIATION
21	95.244	- 2.103	NEW YORK CONNECTING R.R.
22	0	-97.347	NYC TRANSIT AUTHORITY (100-2653) *
23	-199.928	-297.275	PENN. TUNNELS (2.725 = 300)
24	-200.163	-297.275	L.I. TUNNELS OF THE PENN. R.R. (2.490 = 300)
25	-202.653	-300.000	HUDSON & MAN. R.R.
26	-202.653	-300.000	NARROWS TUNNELS
27			
28			
29			
30			

To obtain from any given foreign elevation the corresponding elevation referred to the Transit Authority datum plane: add to the given elevation the figure shown in column A.

Column B shows datum in relation to U.S.C. & G. Survey datum.

* Elevation 100 of Transit Authority is 2.653 ft. above Mean Sea Level at Sandy Hook.

New York and Nassau Co. Datum Planes
Datum Planes referred to mean sea level at Sandy Hook -
U. S. Coast & Geodetic Datum

<u>Elevation</u>	<u>Description</u>
+100.94	Freeport
+3.470	City of Bayonne, New Jersey
+3.379	Port Amboy, New Jersey
① +3.192	Richmond High Water
+3.150	Borough of Richmond Datum (Bureau of Engineering)
③ +2.750	Public Works, Manhattan Highways & Sewers
② +2.750	New York Central & Pennsylvania R. R.
+2.725	Borough of Queens Datum, Triborough Bridge
+2.725	Long Island R. R. (Except Bay Ridge Division)
+2.653	Public Service Comm. at Produce Exchange
④ +2.625	Williamsburg Bridge
+2.608	Bronx Highways & Sewers, Bronx Datum - Bronx Bridges and Harlem River
+2.570	North Bergen Township, New Jersey
+2.560	Brooklyn Highway & Topographical Bureau, Brooklyn Datum
+2.350	Mean High Water - Sandy Hook, Street Dept., Newark, N. J.
+2.299	Queensboro Bridge
+2.080	Houston Base, Jersey City
+1.887	Brooklyn Bridge
+1.720	Brooklyn Sewer Department
+1.680	Brooklyn Water Supply
+1.680	U. S. Navy Yard, Brooklyn

Elevation

Description

+1.678	Brooklyn Bureau of Sewers
+1.678	Long Island R. R. Bay Ridge Division
+1.677	Department of Plants & Structures
+1.677	Manhattan Bridge
+0.700	Port of New York Authority, George Washington Bridge
0	Westchester County Park Commission
0	Board of Estimate and Apportionment
0	Board of Water Supply
0	Mean Sea Level at Sandy Hook, U. S. Coast & Geodetic Survey
0	Bayonne Bridge, Outerbridge Crossing, Goethals Bridge
0	Nassau County
0	Floral Park
-0.786	Croton Aqueduct
-1.421	Yonkers, New York
-2.090	Dock Department - M. L. W. for Richmond at Governors Island
-2.103	New York Connecting Railroad
-2.103	Dept. of Docks, Mean Low Water at the Battery, U. S. War Department - Army Engineers
-2.180	Jersey City Waterfront, East River to Navy Yard
-2.300	M. L. W. Hudson River, Pier 2, Jersey City, N. J.
-2.350	M. L. W. Sandy Hook - U. S. C. & G. S.
-2.500	M. L. W. Hackensack River, C. N. J. Bridge Newark Bay, High Line Bridge
-6.463	Jersey City Engineering Department
-6.820	Wards Base, New Jersey

Elevation

Description

-97.347

Board of Transportation (100-2.653)

-297.275

Pennsylvania Tunnels (300-2.725)

-297.275

Long Island Railroad (Montauk Division)

-297.347

New York City Tunnel Authority

-300.000

Narrows Tunnels

-300.000

Hudson and Manhattan R. R. Company