The Commission is composed of three members. One member is appointed by the Governor of Maryland, one by the Governor of Virginia, and one by the Mayor of the District of Columbia. Each Commissioner's term coincides with his term of office in the agency from which he is selected. The Commission selects its own officers.

Expenses of the Commission are allocated annually in proportion to the population of each signatory in the Metropolitan District. Maryland's share in FY 1985 is forty-five percent (Code Transportation Article, sec. 10–203).