

REVISOR'S NOTE: This section is new language derived without substantive change from former Art. 91, § 20.

In subsection (c) of this section, the phrase "of Maryland", which formerly modified "State", is deleted as unnecessary and to conform to usage throughout this article.

14-405. STANDARDS OF MARYLAND COORDINATE SYSTEM.

(A) ADOPTION OF STANDARDS OF NATIONAL GEODETIC SURVEY.

FOR THE PURPOSE OF MORE PRECISELY DEFINING THE MARYLAND COORDINATE SYSTEM, THE STANDARDS OF THE NATIONAL GEODETIC SURVEY SET OUT IN THIS SECTION ARE ADOPTED.

(B) LAMBERT CONIC CONFORMAL PROJECTION OF GEODETIC REFERENCE SYSTEM OF 1980.

(1) THE MARYLAND COORDINATE SYSTEM IS A LAMBERT CONIC CONFORMAL PROJECTION OF THE GEODETIC REFERENCE SYSTEM OF 1980, HAVING STANDARD PARALLELS AT NORTH LATITUDES 38 DEGREES 18' AND 39 DEGREES 27', ALONG WHICH PARALLELS THE SCALE SHALL BE EXACT.

(2) THE ORIGIN OF COORDINATES IS AT THE INTERSECTION OF THE MERIDIAN 77 DEGREES 00' WEST LONGITUDE AND THE PARALLEL 37 DEGREES 40' NORTH LATITUDE.

(3) THIS ORIGIN IS GIVEN THE COORDINATES: EASTING=400,000 METERS AND NORTHING=0 METERS.

(C) CONVERSION OF FEET TO METERS.

FOR THE MARYLAND COORDINATE SYSTEM, THE UNIT USED TO CONVERT FEET TO METERS IS THE UNITED STATES SURVEY FOOT, WHICH IS 39.37/12 FEET FOR EACH METER.

(D) POSITION OF MARYLAND COORDINATE SYSTEM.

THE POSITION OF THE MARYLAND COORDINATE SYSTEM SHALL BE AS MARKED ON THE GROUND BY TRIANGULATION OR TRAVERSE STATIONS ESTABLISHED IN CONFORMITY WITH THE STANDARDS ADOPTED BY THE NATIONAL GEODETIC SURVEY FOR FIRST-ORDER AND SECOND-ORDER WORK, WHOSE:

(1) GEODETIC POSITIONS HAVE BEEN RIGIDLY ADJUSTED ON THE NORTH AMERICAN DATUM OF 1983; AND

(2) PLANE COORDINATES HAVE BEEN COMPUTED IN ACCORDANCE WITH THIS SECTION.

REVISOR'S NOTE: This section is new language derived without substantive change from former Art. 91, § 21.