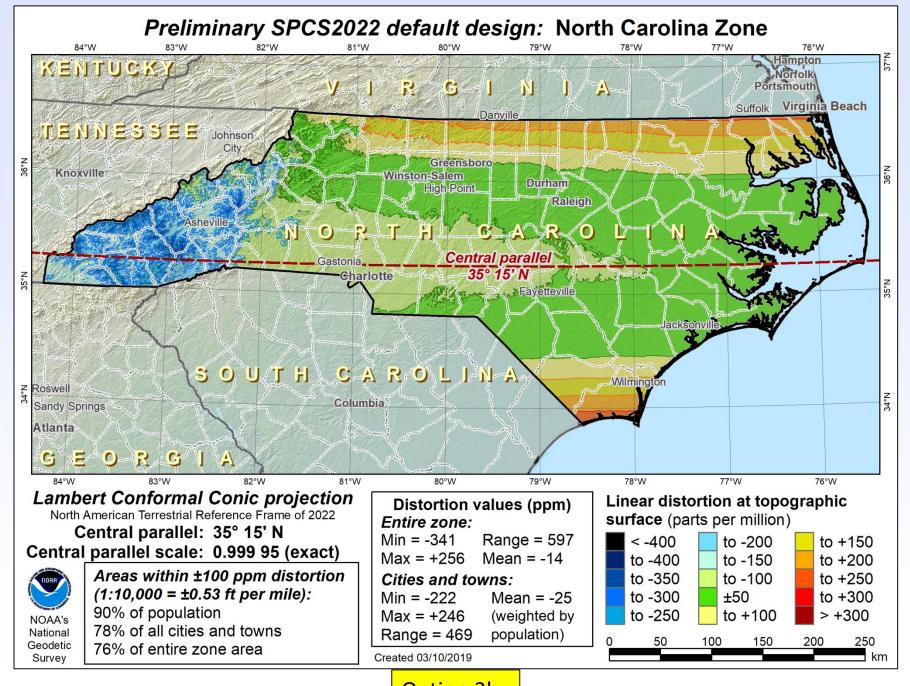
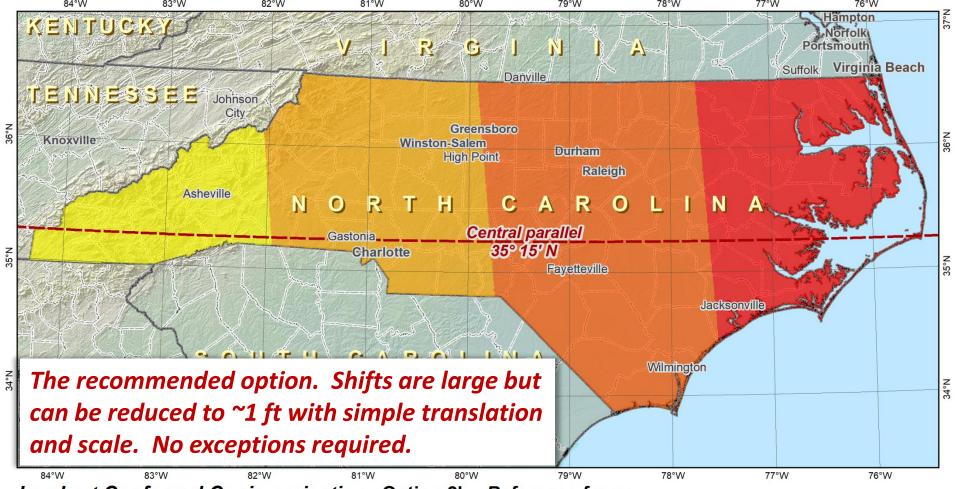
gov

NO.



## Horizontal change in SPCS2022 coordinates for North Carolina (option 2b)



## Lambert Conformal Conic projection

North American Terrestrial Reference Frame of 2022

Central parallel: 35° 15' N

Central parallel scale: 0.999 95 (exact)



Geodetic

Survey

Areas within  $\pm 100$  ppm distortion (1:10,000 =  $\pm 0.53$  ft per mile):

90% of population 78% of all cities and towns 76% of entire zone area Option 2b: Reference frame plus parameter change:
False northing = 200,000 m
False easting = 1,000,000 m
(same central meridian as SPCS 83)

SPCS 83)

Maximum relative change:

Delta north = 77 ft

Delta east = 205 ft

## Horizontal change in coordinates

gov

