

64IN3109.txt

02/05/2015 D. Tlusty

Coordinates for some PLSS corners that fall on Hwy 64, west of Antigo, in T31N, R09E that happened to be observed by two different surveyors in July and August, 2014 prior to a road destruction project.

Two different surveyors, two different network rovers, different field procedures, different data collectors and software, on different days observing the same physical monument in the road, while the road remained open to traffic and we see minimal coordinate differences.

The line with point number and description are from three 30 second RTK GNSS observations with a CHC X90 network rover. The values immediately below (without pno and desc) are from RTK GNSS observations with a newer model Trimble network rover, field observation sequence unknown.

Langlade County Coordinates, NAD83(2011) datum

6, 343410.4308,549719.4378,swx 193109
343410.4250,549719.4210
343410.444 ,549719.407

Point number 6 above is on the Lincoln-Langlade county line.
The 3rd set of coordinates are derived from Lincoln NAD83(91)
values converted to Langlade coordinates using Wisconsin.

56,343473.0095,551732.4325,sqc 193109
343473.0003,551732.4340

183,343179.2308,554974.4171,swx 203109
343179.2700,554974.4150

173,342897.2346,557526.9320,sqc 203109
342897.2360,557526.8990,

153,342939.0633,560134.0426,swx 213109
342939.0430,560134.0190

123,342904.5110,562772.1640,sqc 213109
342904.4970,562772.1730,

103,342870.0323,565410.3963,swx 223109
342870.030 ,565410.428

93,342847.3041,568119.9298,sqc 223109
342847.281 ,568119.968

70,342822.3508,570829.5616,swx 233109
342822.348 ,570829.582

50,342473.5509,576265.9404,swx 243109
342473.562 ,576265.912

93,342847.3041,568119.9298,swx 193110
342847.281, 568119.963

RECORD # 10309
LANGLADE COUNTY SURVEYORS OFFICE
DATE FILED: 8/12/15 BY: D. Tlusty