Waypoint Hunt #1

Grayce and I met in Frist, and ventured outside to determine our location. Based on the coordinates of the bike rack, we determined the direction in which we should travel. By our calculations, we were to the south and east of the rack, so we traveled up towards Nassau St. and then turned left (west). Curiously, we were still farther south than the rack, even though we were approaching our northern border. It was at this time we realized that we had been using a different coordinate system than the one that was used for our end point. We were looking at degrees and minutes (DD:MM.mm), while the coordinates for the bike rack were given in terms of degrees only (DD.dddd). Once we adjusted our GPS receivers accordingly, we realized that the bike rack was in fact to our south. We walked down campus, past Baker rink and the main student parking lot until we crossed Faculty Rd. Just south of Faculty Rd., slightly east of the Dinky tracks, we discovered the bike rack in an auxiliary parking lot. Although it was not in the exact same position as the rack in the photo (it had been lifted on to the curb), it was the only rack of that style in the surrounding area. We had found our target!
UPDATE:

Second Attempt. On further examination, our first attempt was too far east of the true bike rack, so we were determined to head further west. Grayce, Zach, and I started again in Frist, and proceeded moderately southwest before turning definitively west at Poe field. At this time we were beset by technical difficulties: my receiver ran out of batteries, and Zach’s new receiver had trouble orienting itself, after which we couldn’t figure out how to program a destination into his model receiver. Thus, we relied on Grayce. Again, we passed the Baker Rink parking lot, only this time continued traveling west. This required us to take a detour around the Dinky station, after which we continued west past Forbes. It was at this time that we corrected the mistake that had held us back on our first attempt: we crossed onto the golf course. This was much easier to accomplish behind Forbes than it had appeared during our first attempt, as there is a long fence at the edge of the golf course where Faculty Road is. At the west edge of the frozen gold course, south of Grad. College, we found the bike rack in a parking lot.

Coordinates of our final position:
40.33850 -74.66492
Given coordinates of bike rack:
40.33856, -74.66492

Our Longitude was right on the money, but our Latitude was off by .00006 degrees, a difference of about .001 km or 1 meter. That’s incredibly accurate!