

To: David Tortora, Accent Bicycles
From: Sgt. Jeff King, Indianapolis Police Department
Subject: Evaluation of the Stromer ST1 Elite Police Pursuit E-Bike
Date: October 23, 2014

From August 2 through August 30, the Indianapolis Police Department (IPD) evaluated the Stromer ST1 Elite “police pursuit” e-bike. The ST1 was outfitted with police light, rack and bags. A siren was not installed but is available. The bike was a standard 9-speed model without modifications. The IPD rode the bike excess of 400 miles during the testing period. The ST1 is rated at 20mph and has been clocked at 29mph by the Noblesville PD. The faster model, the 27-speed ST1 Platinum model was not tested. The ST1 Platinum is rated at 30mph and has been clocked in excess of 30MPH.

The four-week period was divided equally between both the day crew and night crew for two weeks each. The day crew point of contact was **Sgt. Jeffrey King**, and the night crew point of contact was **Sgt. Jerry Durham**. The ST1 was utilized in the normal way police use non e-bikes, which included high speed riding, riding up and down curbs, riding down stairs, riding over potholes and any other requirements needed of the IPD. On one particular day, the bike was ridden to and from Carmel via the Monon Trail (as distance of approximately 30 miles) in full-power mode and still had significant battery power at the end of the day.

During a reported foot pursuit, the ST1 outpaced the patrol cars and the other bike patrol in response to backup needed. This was due in part because the patrol cars were caught in traffic, and the other bike patrol could not keep up with the ST1.

During both evaluations, the bike was used in all aspects of the IPD bike force. At the two-week interval, Accent Bicycles had one of its’ service personnel check out the bike for any problems, adjustments, etc. No problems were found, and no adjustments were required.

The IPD has recommended that the ST1’s be purchased in pairs. The IPD bike patrols work in pairs, and as no other bike can keep pace with the ST1, and subsequently; pairing is required by the IPD.