



**SPECIAL PROVISIONS
FOR
PEDESTRIAN COUNTER**

**Linn County
TAP-U-4775(635)--8I-57**

**Effective Date
June 15, 2021**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

157164.01 GENERAL.

A. Description of Work.

This part of the specifications includes the furnishing of all materials and equipment necessary to complete, in place and operations, pedestrian counter as described in the project plans.

B. Submittals.

Submit three copies of shop drawings for pedestrian counters and posts to be furnished on the project. Submit three copies of catalog cuts and manufacturer's specifications for all items in the equipment list.

157164.02 MATERIALS.

- A.** Pedestrian counter shall be "Multi-Urban" EcoCounter Urban Post or an approved equal.
- B.** The pedestrian counter shall count both cyclists and pedestrians. The counter shall have a sensor that monitors both pedestrians and cyclists by measuring the heat emitted by the user and shall have a high level of accuracy when counting cyclists travelling at high speeds. The counter shall be able to simultaneously detect two people walking in a slightly staggered formation.
- C.** The counter shall have a system that collects data in 15 minute or 1 hour intervals, 24/7. The data generated by the system shall allow for the comparison of pedestrian and bike trips over consecutive months, seasons or even years.
- D.** The counter shall be able to house the complete counting system (logger, sensor and battery) in its aluminum housing. The housing shall be vandal proof and the components completely waterproof. The system shall have a 2 year battery life when equipped with an active automatic data transmission option (3G/GSM) or a 10 year battery life with manual Bluetooth data transmission.

E. The counter shall have the following specifications:

- Dimensions: height 3 feet 3 inches, diameter 5.5 inches
- Weight: 20 pounds (including components)
- Operating temperature: -40°F to 120°F
- Waterproof: IP 66
- Material: Aluminum
- Color: Grey

157164.03 CONSTRUCTION.

Execution of work shall be in accordance with the manufacture's recommendations.

157164.04 METHOD OF MEASUREMENT.

Each pedestrian counter will be counted.

157164.05 BASIS OF PAYMENT.

Payment will be at the unit price for each pedestrian counter.