801-T-240 AUDIBLE INFORMATION DEVICE

*(Adopted 02-15-24)*

**Description**

This work shall consist of installing audible information in accordance with 105.03. The audible information device aids movement of pedestrians with visual disabilities at intersections and mid-block crosswalks by providing notification of sidewalk or crosswalks closures.

**Materials**

Materials shall be in accordance with 801.02 and selected from the Department’s QPL of ADA Compliant Work Zone Devices.

**Construction Requirements**

The Contractor shall place the audible information device in accordance with 801.10 or as shown on the plans.

The device shall emit a speech message to inform pedestrians of the sidewalk or crosswalk closure, guide them to the temporary crossing location and guide them along the pedestrian detour. The device shall be capable of having a 60-second message duration and shall be equipped with a built-in microphone for programming the message. The Engineer may require the Contractor to use a text to speech app for proper enunciation of the message. The device shall have a built-in speaker for broadcasting. The message for each audible information device shall be as follows:

|  |  |  |
| --- | --- | --- |
| Location  Number | Location Description  (e.g. See Plan Sheet x, GPS Coordinates, Intersection Quadrant, Midblock Location) | Message |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| 9 |  |  |
| 10 |  |  |
| *Attach additional sheets, if necessary, and use a new location number if message changes after an MOT Phase* | | |

Any adjustment in the message for an audible information device shall be as approved by the Engineer.

The device shall be activated either by built-in sensors that detect pedestrians at a minimum range of 15 ft or by a pushbutton with a locator tone. The device shall be battery powered.

The device shall be mountable on channelizing devices, pedestrian barriers, or on an independent support post.

The audible information device shall be placed at or near the closure, at locations on the pedestrian detour where a turn is required, and at other locations as shown on the plans. The audible information devices shall not reduce the effective sidewalk or pedestrian pathway width to less than 4 ft.

The final location of the audible information device at each location shall be as approved by the Engineer prior to closing the existing crosswalk or sidewalk.

**Method of Measurement**

Audible information devices will be measured by the number of locations installed.

**Basis of Payment**

The accepted quantities of audible information devices will be paid for at the contract unit price per each.

Payment will be made under:

**Pay Item Pay Unit Symbol**

Audible Information Device EACH

The cost of all labor, materials, equipment and all necessary incidentals required to place and maintain the audible information device during construction operations, including replacing the batteries and adjusting the message or placement at one or more locations, and removal of the device after construction is complete shall be included in the cost of the audible information device.