GENERAL NOTES:

1. The required details and other notes shall be in accordance with this drawing. Any such details or notes shall be subject to the approval of the Engineer. All Engineer-approved details or notes shall be issued by TxDOT.

2. The Engineer reserves the right to approve special arrangements for every situation that may arise, and to indicate acceptance of designs other than those herein shown, when the same are in accordance with the rules and practices of this contract.

3. A separate cut must be made from the concrete in the place on the pavement as may be determined by the Engineer. Splitting concrete shall be done with a 24" diameter saw blade or in the run to the ground box. No splices shall be permitted in the loop wire run to the ground box or cabinet. The loop location, configuration and number of turns shall be as indicated on the plans or as directed by the Engineer.

4. Loop wire shall be 14 AWG IMSA 51-3 stranded 600V Type XHHW. Wire from the ground box to the cabinet shall be twisted a minimum of 5 turns per foot. Splices between the loop lead in cable and the home run cable, if necessary for the installation, shall be made only in the ground box or in the run to the ground box. No splices shall be permitted in the loop wire run to the ground box or cabinet unless otherwise directed by the Engineer.

5. Loops in asphalt shall have 4 turns and loops in concrete shall have 5 turns unless otherwise directed by the Engineer. Splices between the loop lead in cable and the home run cable, if necessary for the installation, shall be made only in the ground box or in the run to the ground box. No splices shall be permitted in the loop wire run to the ground box or cabinet unless otherwise directed by the Engineer.

6. The loop winding details shall be in accordance with the DMS 6340. The sensor and epoxy will be provided by TxDOT. Refer also to LD(1) Loop Detector Installation Details.

7. Loops in asphalt shall have 4 turns and loops in concrete shall have 5 turns unless otherwise directed by the Engineer. Splices between the loop lead in cable and the home run cable, if necessary for the installation, shall be made only in the ground box or in the run to the ground box. No splices shall be permitted in the loop wire run to the ground box or cabinet unless otherwise directed by the Engineer.

8. Splices between the loop lead in cable and the home run cable shall be made only in the ground box or in the run to the ground box. No splices shall be permitted in the loop wire run to the ground box or cabinet unless otherwise directed by the Engineer.

9. Loops shall be twisted a minimum of 5 turns per foot. The home run cable, if necessary for the installation, shall be twisted a minimum of 5 turns per foot. Splices between the loop lead in cable and the home run cable shall be made only in the ground box or in the run to the ground box. No splices shall be permitted in the loop wire run to the ground box or cabinet unless otherwise directed by the Engineer.

10. Cabinet must be set back 30' from edge of traveled lane unless otherwise directed by the Engineer. Installation Details.

11. Three or five loop turns shall be made as shown. Any other method acceptable to the Engineer. No splices shall be permitted in the loop wire run to the ground box or cabinet. The loop location, configuration and number of turns shall be as indicated on the plans or as directed by the Engineer.

12. Swirl cut corner detail shall be in accordance with DMS 6340. The sensor and epoxy will be provided by TxDOT. Refer also to LD(1) Loop Detector Installation Details.

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