1. Refer to Std DWG DG 4 for minimum fill height requirements.

2. Use only trench installation for plastic pipe. Place fill material equal to or above the pipe backfill prior to excavation of the trench when placed in an embankment.

3. Follow standard specification 00382 and the UDOT construction safety and health manual for minimum trench safety requirements.

4. Place the outside edge of the pipe no closer than 2 times its diameter to the embankment fill slopes when installed adjacent to the slope face.

5. Follow standard specification 02171 and 00382 using AASHTO T 99 with density not less than 95 percent of laboratory density for compaction acceptance of foundation, bedding and backfill materials. Remove boulders or rocks within bedding area.

6. Excavate a trench of equal or greater width than shown in Table 1. Increase the trench width to 2 ft minimum on each side of the pipe when the surrounding material is unstable.

7. Overexcavate unstable pipe foundation material as directed by the engineer. Replace with suitable material.

8. Excavate rock or unyielding material from the bottom of the trench and provide 6 inches minimum bedding material.

9. Recess the bedding to receive pipe joints where applicable.

10. Do not disturb the installed pipe or embedment or leave voids when using trench boxes and shelters.

11. Seal the opening around the pipe and the drainage structure. Refer to standard specification 02643.

12. Refer to the project plans for material outside of pipe backfill area.

13. Protect pipe during construction. Do not exceed design strength.

14. Measure maximum fill height from top of pipe to top of pavement surface at highest fill section.

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