NOTES:

1. See Specifications for materials and construction.
2. See T.S. 1-4 for installation requirements.
3. Box enclosure depth (dimension D) may be increased, if necessary, by adding on an extension or another pull box body unit or stock box units.
4. The heavy duty (HD) pull box bodies and lids shall conform to the applicable Western Underground Committee WUC Guide Version 3A/02/05/06 Appendix A design requirements unless otherwise specified. For example, the standard depth for ADOT boxes is 12', the standard depth for WUC is 18'. The WUC requirements are used primarily to achieve box body, lid and when applicable, extension interchangeability. Lids, bodies and extensions shall be fully interchangeable among manufacturers. An interchangeability test shall be conducted prior to approval to verify.
5. The HD box body and lid shall, at a minimum, conform to all the applicable requirements of the current version of the Society of Cable Telecommunications Engineers (SCTE) Specification for Underground Enclosure Integrity ANSI/SCTE 77. In addition to the chemical resistance requirements, the box body and lid shall be resistant to a 5% solution of magnesium chloride. The box and lid shall have an ANSI/SCTE 77 Tier 2 load rating. The box body and lid shall be marked or labeled in a manner that confirms compliance to ANSI/SCTE 77 requirements and also identifies the manufacturer, model number, brand name and size.
6. The box and lid per this drawing are for off-roadway areas. These boxes shall not be used in sidewalks or other paved areas where traffic is expected.
7. The legs, lift slots, hold-down bolts and interface between the lid and body shall not present a tripping or high-hazard hazard.
8. Lids for pull boxes for ADOT shall be permanently marked with an appropriate designation in accordance with the project plans or the direction of the engineer. Examples of these designations include "ADOT Electrical High Voltage", "ADOT Traffic Signals", or "ADOT FMS". Lids for pull boxes installed for another jurisdiction or entity shall be marked with the appropriate designation as directed by that agency. The contractor shall verify the correct inscription for the lids prior to fabrication. Lettering shall be 1/8" high (3.2 mm) measured from baseline to ascender and be cast, molded, or engraved into the lid. The lid marking of the body shall be Skid-Resistant.
9. Two captive 1/4" - 16 UNC hold down hex head bolts (1 1/4" socket size) and washers shall be provided per lid. The bolts shall be of sufficient length to fully engage the lids connection to the body. The flat washers shall be of sufficient diameter and thickness to avoid damage to the lid when the bolts are tightened. All lid hold-down hardware, including that in the box body, shall be stainless steel. The threaded lid hold-down inserts in the box body shall be drainable, cleanable and replaceable. They shall also be the "bearable" types. Hold-down bolts shall be tightened per the manufacturer's recommendations.
10. Only approved boxes shall be used. It is acceptable to use deeper versions of the same model type.