

Evaluation Table:

PEP ID:	732 Light Duty (LD) Pull Box
Manufacturer:	
Product Name:	

ADOT Specifications: 732-2.03, Standard Drawing T.S. 1-1

Product Property	Specification/ Test Method	Requirement			Results	Pass/ Fail
Concrete	732-2.03	Portland cement concrete shall conform to the requirements of Section 1006 of the specifications for Class B concrete.			See below	
Class B Concrete	1006-3.01 ASTM C39	Minimum 28-Day Compressive Strength Required (ASTM C39)	2,500 psi			
		Hydraulic Cement Content	470-658 lbs. per cubic yd.			
Dimensions	732-2.03 T.S. 1-1	The light-duty (LD) lightweight pull box bodies and lids shall conform to the applicable Western Underground Committee (WUC) Guide Version 3.6/02/0588 Appendix A dimension requirements unless specified otherwise.			See below	
Dimensions and Weight	732-2.03 T.S. 1-1	ADOT Designation (WUC 3.6 Nominal Size Designation)	No. 5 LD Pull Box (13" x 24")	No. 7 LD Pull Box (17" x 30")		
		Length	23.25"	30.5"		
		Width	13.75"	17.5"		
		Thickness	2"	2"		
		Depth	12" (or 18" if required)	12" (or 18" if required)		
		Max Combined Weight of 12" Body with Lid	75 lbs.	100 lbs.		
Pull Box Body	T.S. 1-1	LD box shall have a sloped wall body.				
SCTE Compliance	T.S. 1-1 ANSI/SCTE 77	The LD box body and lid shall, at a minimum, conform to all the applicable requirements of the most current version of the Society of Cable Telecommunications Engineers (SCTE) "Specification for Underground Enclosure Integrity" ANSI/SCTE 77.				

Product Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Chemical Resistance	T.S. 1-1	In addition to chemical-resistant requirements, the box body and lid shall also be resistant to a 5% solution of ice mitigation salt magnesium chloride.		
Pull Box Rating	T.S. 1-1 ANSI/SCTE 77	The box and lid shall have an ANSI/SCTE 77 Tier 8 load rating as a minimum. It is acceptable for the box body to have a higher tier level than that of the lid.		
Pull Box Lid	T.S. 1-1	The fit of the lid shall be that the lid does not project above or lie below the surface of the pull box body lip. Lids and box body have an allowable tolerance of 1/8" based on the nominal dimensions. Lids shall be interchangeable regardless of the manufacturers.		
Color	T.S. 1-1	All pull boxes and lids shall have a gray colored finish.		
Manufacturer Designation	T.S. 1-1	The manufacturer's name or product brand name and Model No. or size designation shall be permanently marked on all lids.		
Marking and Lettering	732-2.03 T.S. 1-1	Manufacturers shall be able to permanently mark lids with lettering as required. Lettering shall be 1" (+/- 1/4") and be cast, molded, engraved, or plaque on the lid. The lid marking shall be done in such a manner as to not pose a tripping hazard.		
Hold-down Hardware	T.S. 1-1	Two captive 3/8" – 16 UNC hold-down hex-head bolts (9/16" socket size) and washers shall be provided per lid. The bolts shall be of sufficient length to fully engage the lid's connection to the body. The flat washers shall be sufficient diameter and thickness to avoid damage to the lid when the bolts are tightened.		
Hold-down Hardware	T.S. 1-1	All lid hold-down hardware, including that in the box body, shall be stainless steel.		
Hold-down Inserts	T.S. 1-1	The threaded lid hold-down inserts in the box body shall be drainable, cleanable and replaceable. The hold-down inserts shall also be the adjustable or "floatable" type. The Stainless-Steel threaded insert shall allow some movement so it is easy to archive engagement of the hold-down bolts.		

Product Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Handles	T.S. 1-1	Two fully recessed lift handles shall be provided for each lid. Size shall be per the manufacturer; however, the configuration shall be such that it does not present a trip or high heel-hazard.		
Skid Resistance	T.S. 1-1	The lid shall have a skid-resistance surface.		