



SECTION A-A

**No. 3-1/2 (T), No. 5 (T), No. 7 (T)
AND No. 9 (T) TRAFFIC RATED PULL BOX**

	CONCRETE BOX				STEEL COVER			EXTENSION	
	LO	WO	HEIGHT	L **	W **	EDGE TAPER	HEIGHT	HEIGHT	
No. 3-1/2 (T)	±19"	±12"	±12"	±14-1/2"	±8-3/4"	NONE	12"	12"	
No. 5 (T)	±25"	±15"	±12"	±20-1/2"	±10-1/2"	NONE	10"	10"	
No. 7 (T)	±35"	±22"	±12"	±30"	±17"	NONE	8"	8"	
No. 9 (T)	±52"	±35"	±14"	±47-3/4"	±30"	NONE	10"	10"	

** TOP DIMENSION

NOTES:

1. TRAFFIC PULL BOX SHALL BE PROVIDED WITH STEEL COVER AND SPECIAL CONCRETE FOOTING. STEEL COVER SHALL HAVE EMBOSSED NON-SKID PATTERN.
2. STEEL REINFORCING SHALL BE AS REGULARLY USED IN THE STANDARD PRODUCTS OF THE RESPECTIVE MANUFACTURER.
3. TOP OF PULL BOXES SHALL BE FLUSH WITH SURROUNDING GRADE OR TOP OF ADJACENT CURB, EXCEPT THAT IN UNPAVED AREAS WHERE PULL BOX IS NOT IMMEDIATELY ADJACENT TO AND PROTECTED BY A CONCRETE FOUNDATION, POLE OR OTHER CONSTRUCTION, THE BOX SHALL BE PLACED WITH ITS TOP 1" ABOVE SURROUNDING GRADE, WHERE PRACTICABLE. PULL BOXES SHOWN IN THE VICINITY OF CURBS SHALL BE PLACED ADJACENT TO THE BACK OF CURB, AND PULL BOXES SHOWN ADJACENT TO STANDARDS SHALL BE PLACED ON SIDE OF FOUNDATION, FACING AWAY FROM TRAFFIC, UNLESS OTHERWISE NOTED. WHEN PULL BOX IS INSTALLED IN SIDEWALK AREA, THE DEPTH OF THE PULL BOX SHALL BE ADJUSTED SO THAT THE TOP OF THE PULL BOX IS FLUSH WITH THE TOP OF SIDEWALK.
4. BONDING JUMPER FOR METAL COVERS SHALL BE 3'-4" LONG, MINIMUM.
5. THE NOMINAL DIMENSIONS OF THE OPENING IN WHICH THE COVER SETS SHALL BE THE SAME AS THE COVER DIMENSIONS EXCEPT THE LENGTH AND WIDTH DIMENSIONS SHALL BE 1/8" GREATER.
6. ALL COVERS AND BOXES SHALL BE INTERCHANGEABLE WITH NEVADA STANDARD MALE AND FEMALE GAUGES, WHEN INTERCHANGED WITH A STANDARD MALE OR FEMALE GAUGE, THE TOP SURFACES SHALL BE FLUSH WITHIN 1/8", TOP OUTSIDE EDGE OF ALL CONCRETE COVERS AND PULL BOXES SHALL HAVE A 1/4" MINIMUM RADIUS.
7. PULL BOX SHALL NOT BE INSTALLED WITHIN THE BOUNDARIES OF NEW OR EXISTING CURB RAMPS.
8. PULL BOXES FOR ELECTROLIERS AND SIGNAL STANDARDS SHALL BE LOCATED AT THE SAME STATION (±5') AS THE ADJACENT ELECTROLIER OR SIGNAL STANDARD. PULL BOXES SHALL BE PLACED ADJACENT TO BACK OF CURB OR EDGE OF SHOULDER EXCEPT WHERE THIS IS IMPRACTICAL. A BOX MAY BE PLACED IN ANOTHER SUITABLE PROTECTED AND ACCESSIBLE LOCATION.
9. IN AREAS WHERE THE POSSIBILITY OF MATERIAL ERODING FROM AROUND THE PULL BOX EXISTS, THE PULL BOX SHALL BE PLACED IN 3/4" DRAIN ROCK (2 FOOT DEPTH ON EACH SIDE AND 1 FOOT DEPTH), AS DIRECTED BY THE ENGINEER.

STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION

**TRAFFIC RATED
ELECTRICAL PULL BOX**

SECTION:

DOUGLAS COUNTY

DATE: **JULY 2017**

DWG: **A21-E**