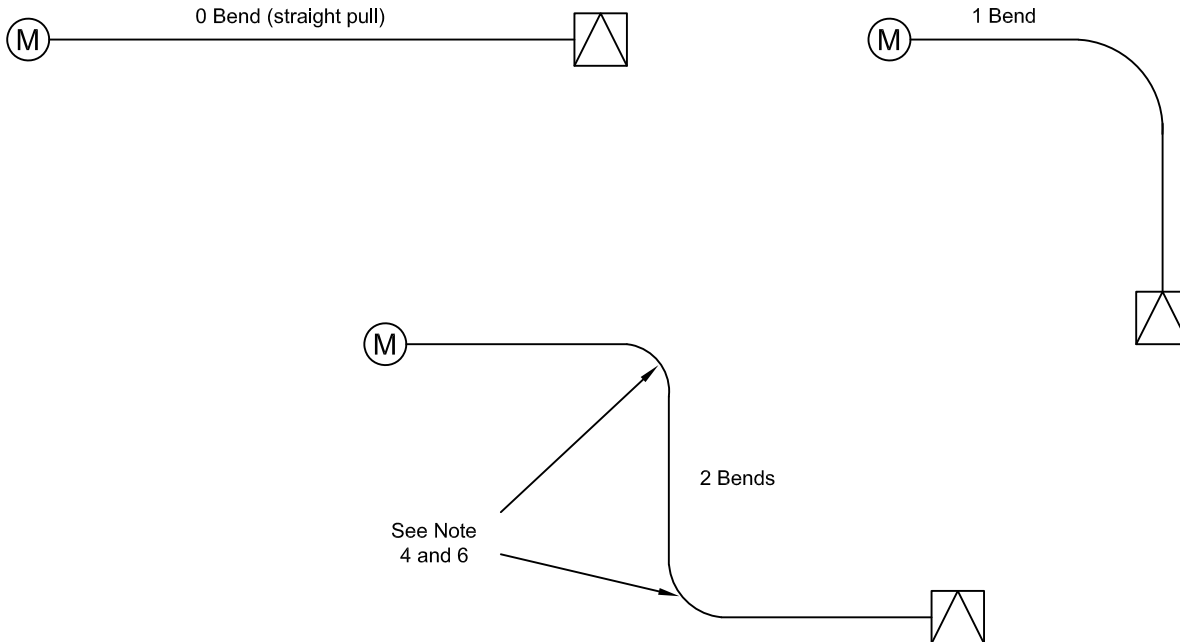


4/0 and 350 Triplex		
Bend	Length	Maximum Summation of Degrees
0	300'	0°
1	200'	45°
1	175'	90°
2	125'	135°
2	75'	180°



NOTES

- (1) installation must conform to commonly approved utility installation procedures with appropriate equipment to measure tensions during installation.
- (2) The conduit system routing is to be design such that maximum pulling tensions, sidewall bearing pressures, maximum pulling grip tensions or the cable pulling equipment's safe pulling tension limits are not surpassed.
- (3) The following parameters were used to develop the table and shall not be surpassed or both 4/0 and 350 service conductors:
 Maximum pulling tension = 1000 lbs.
 Sidewall bearing pressures = 750 lbs.
 Back tension = 50 lbs.
- (4) Each picture shown above describe the different scenarios a conduit system can run. From meter to pedestal/transformer, maximum straight run with no bend can only be 300'. If needed, multiple bends in the run is allowed but for an allowable distance and degrees in the run.
- (5) "Bend" is defined as the maximum number of elbows there can be in a run.
- (6) "Length (ft)" is defined as the maximum cable footage that can be pulled based on the number of bends.
- (7) "Maximum Summation of Degrees" is defined as the summation of elbow degrees in the run. It shall not surpass the value specified in the table.
- (8) Maximum Summation of Degrees does not include the losure from the transformer, pedestal or meter.
- (9) 22.5°, 45° or 90° elbows of 3' bend radius can only be used in the run.
- (10) One gallon of Lubricate must be used to achieve the length as listed, especially for bends in the run.
- (11) If cable-pulling tension is near 1000 lbs, stop and reanalyze conduit run.
- (12) If more bends are needed than specified in the table contact your service representative to further evaluate.
- (13) Example - If pulling either 4/0 or 350 Triplex with 2 bend in a run can have a maximum length of 125' with a summation of 135°. Using a combination of 90° elbow, 45° elbow or 22.5° elbow that sums a maximum of 135° will suffice (as shown above).