



Chandler • Arizona
Where Values Make The Difference

Civil Engineering Certificate of Quantities For Encroachment Permit

Log No: _____

Date: _____

Project:	
Location:	

Include items with an (*) if within the public r/w or private street tract only. Do not include the quantity of (*) items on private property. All other quantities refer to public r/w, private street tract and private property.

Inspection Fee Quantities

Paving	Unit	Quantity
1. Public right-of-way/private streets and drives	Square yards	
2. Parking areas	Square yards	
3. Overlay (all)	Square yards	
4. Alley surface	Square yards	
5. Street sign base (City Code Chapter 40-12.7)	Each	
6. Street name sign (City)	Each	
7. Mill and overlay *	Square yards	

Concrete

1. Concrete driveway or alley entrance	Each	
2. Concrete valley gutter *	Lineal feet	
3. Concrete apron, one per intersection corner where applicable	Each	
4. Curb and gutter *	Lineal feet	
5. Sidewalk *	Square feet	
6. Catch basin/scupper	Each	
7. Sidewalk ramp *	Each	

Water

1. Water pipe (4" and larger)	Lineal feet	
2. Water services	Lineal feet	
3. Pavement cut *	Square yards	
4. Tapping sleeve and valve (non-fire or fire line)	Each	
5. Landscape irrigation system connection with backflow device	Each	
6. Fire line with and without backflow prevention device	Lineal feet	

Reclaimed Water

1. Reclaimed water pipe (4" and larger)	Lineal feet	
2. Reclaimed water services	Lineal feet	
3. Pavement cut *	Square yards	
4. Tapping sleeve and valve	Each	

Sewer

1. Sewer pipe (8"and larger)	Lineal feet	
2. Sewer service	Lineal feet	
3. Manhole	Each	
4. Pavement cut *	Square yards	
5. Clean out/drop connection	Each	

Drainage

1. Retention basin, on-site plus offsite (grading)	Acre	
2. Irrigation pipe (SRP, RWCD and private)	Lineal feet	
3. Stormwater pipe (include box culvert)	Lineal feet	
4. Headwall	Each	
5. Pavement cut *	Square yards	
6. Drywell	Each	
7. Stormwater retention pipe	Lineal feet	

Utilities- this section is for dry utilities only

1. Utility trenching, in right-of-way and utility easement	Lineal feet	
2. Streetlight pole *	Each	
3. Boring on local street	Lineal feet	
4. Boring on arterial or collector street	Lineal feet	
5. Pavement cut *	Square yards	
6. Service drops	Each	

Pavement Damage Fee Quantities**Paving**

1. Pavement removal (0 - 1 year old)	Square yards	
2. Pavement removal (1 - 2 years old)	Square yards	
3. Pavement removal (2 - 4 years old)	Square yards	
4. Pavement removal (4 - 6 years old)	Square yards	
5. Pavement removal (over 6 years old)	Square yards	
6. Pavement reconstruction ** <input type="checkbox"/> Yes <input type="checkbox"/> No	Square yards	

** Option in lieu of paying the pavement damage fee.

Certification

I hereby certify these quantities are accurate and they correspond to the plans that have been prepared for this project.

Seal, date, expiration and signature of Registered Civil Engineer:

Printed Name

Registration Number

Expiration Date