



Chandler · Arizona
Where Values Make The Difference

Civil Engineering Certificate of Quantities For Encroachment Permit

Log No: _____

Date: _____

Project:	
Location:	

All quantities refer to both public and private unless otherwise noted. Utility trenching in right-of-way and utility easement is for dry utilities only.

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	

Mailing Address:
P.O. Box 4008, MS 406
Chandler, Arizona 85244-4008

Transportation and Development Department
Civil Engineering Plan Review Section
215 E. Buffalo St., Chandler Arizona 85225

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Form No: UDM-008/Civil
Rev: 6-8-11

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

1. Utility trenching, in right-of-way and utility easement	Lineal feet	
2. Streetlight pole (public)	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.

I hereby certify that these quantities are accurate.

Seal, date and signature of Registered Civil Engineer:

Printed Name