



**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