



**Chandler - Arizona**  
Where Values Make The Difference

# Offsite Construction Estimate For Civil Performance Bond Calculation

Log No: \_\_\_\_\_

Date: \_\_\_\_\_

<b>Project:</b>		<b>Location:</b>	
<b>Engineering firm:</b>			
<b>Developer:</b>			
<b>Developer's contact person:</b>		<b>Phone No.</b>	<b>Fax No.</b>

Item	Unit	Quantity
<b>Paving (offsite only)</b>		
Paving - 2" asphalt	Square yards	
Paving - 4" asphalt	Square yards	
Base (ABC) 6" deep	Square yards	
Base (ABC) 8" deep	Square yards	
Base (ABC) 12" deep	Square yards	
Sub-grade preparation	Square yards	
Overlay 6 oz. per square yard (ideal)	Square yards	
Overlay 4 oz. per square yard (ideal)	Square yards	
Overlay 6 oz. per square yard (adverse)	Square yards	
Overlay 4 oz. per square yard (adverse)	Square yards	
Survey monuments	Each	
Concrete turn lane/bus bay	Square yards	
Street sign bases	Each	
Street name signs	Each	
<b>Concrete (offsite only)</b>		
Concrete driveway or alley entrance	Each	
Concrete valley gutter	Lineal feet	
Concrete apron, one per intersection corner	Each	
Curb & gutter	Lineal feet	
Ribbon curb	Lineal feet	
Sidewalk	Square feet	
Catch basin	Each	
Scupper	Each	
Handicap ramp	Each	
<b>Water (all lines 4" &amp; larger, by size)</b>		
6" DIP	Lineal feet	
6" PVC	Lineal feet	
8" DIP	Lineal feet	
8" PVC	Lineal feet	
12" DIP	Lineal feet	
12" PVC	Lineal feet	

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

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

Telephone: (480) 782-3000  
Fax: (480) 782-3150  
[www.chandleraz.gov](http://www.chandleraz.gov)  
Form No: UDM-009/Civil  
Rev: 6-13-11

Item	Unit	Quantity
16" DIP	Lineal feet	
16" PVC	Lineal feet	
<b>Reclaimed Water</b>		
8" DIP/PVC	Lineal feet	
12" DIP/PVC	Lineal feet	
<b>Water Services</b>		
6" VB & C	Each	
8" VB & C	Each	
12" VB & C (effluent)	Each	
16" VB & C	Each	
6" tapping sleeve & valves	Each	
8" tapping sleeve & valves	Each	
12" tapping sleeve & valves	Each	
16" tapping sleeve & valves	Each	
Fire hydrants	Each	
<b>Sewer (all lines 4" &amp; larger)</b>		
Sewer pipe by size x depth:*		
4" up to 10' depth	Lineal feet	
6" up to 10' depth	Lineal feet	
8" up to 10' depth	Lineal feet	
10" up to 10' depth	Lineal feet	
12" up to 10' depth	Lineal feet	
15" up to 0' depth	Lineal feet	
Depth over 10', less than 20' (show pipe size above)	Lineal feet	
Depth over 20' (show pipe size above)	Lineal feet	
Sewer services	Each	
Manholes 48"	Each	
Manholes 60"	Each	
<b>Grading &amp; Drainage</b>		
Grading (cut & fill)	Cubic yards	
RGRCP stormwater/irrigation*	Lineal feet	
Drywells	Each	
<b>Miscellaneous</b>		
Landscaping	Square feet	
Utility trenching	Lineal feet	
Streetlights	Each	
As-built drawings	Each	
<b>Additional items not listed:</b>		

*\* Piping sizes smaller or larger than those listed shall be adjusted in accordance with the current rates provided by R.S. Means Corporation.*

**Certification: I hereby certify that these quantities are accurate.**

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

\_\_\_\_\_  
Printed Name