

JAMES R. WILLIS, P.E.  
1820 S. THIRD  
BLACKWELL, OKLAHOMA 74631

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PROFESSIONAL ENGINEERING SERVICE

DATE August 4, 2003 *for July*

INVOICE NO. 037

TO: City of Blackwell  
P. O. Box 350  
Blackwell, OK 74631

Attn: Sally Norris, City Manager

DATE	DESCRIPTION OF WORK	AMOUNT
July 1 through July 31, 2003	See HIGHLIGHTS, July 2003 and Detail Sheets enclosed.	
<b>MONTH TOTALS:</b>		
	City, Municipal Authority: 146.5 Hours @ \$33.00.....	001-517-211 \$4,834.50
	Phelps-Dodge: 7.75 Hours @ \$33.00 .....	131-500-336 \$ 255.75
	Municipal Pool Inspection: 5.0 Hours @ \$33.00.....	\$ 165.00
	<i>Sales tax to pay?</i>	
	<b>TOTAL</b>	<b>\$5,255.25</b>

Submitted by:

*James R. Willis*  
James R. Willis, P.E.

Date 8/4/2003

**WORK UPGRADE OF MEMORIAL PARK POOL**

**JULY 2003**

**HOURS**

7/10	With Jim Inmon, Re: pool electrical	0.25
7/17	Inspection at Pool; later with Clay Johns, re: electrical	0.75
7/18	Note to SJN, Re: Salvage lite poles	0.25
7/21	Inspection, review plans with Contractor	0.50
7/23	Inspection with Contractor	0.50
7/24	Inspection with Demolition Contractor here	0.50
7/25	Inspection plus call to Laile Wilson	0.50
7/26	Take 36 photos	0.50
7/29	Inspection. Later, mark photos	1.25

**Total 5.00**

**@ \$33/Hour \$165.00**

**Submitted by:**

  
**James R. Willis, P.E.**

**8/4/03**

TUES, JULY 1, '03

0830 - 0845 - MAIL 0.25  
 0845 - 0930 - w/ MELINDA LAMBERT AT  
 MH (ENLOW), RE: LINING OF SAME 0.75  
 0930 - 0945 - REVIEW "Drip Grip" -  
 RE: WATER & ANNEXATION 0.25  
 0945 - 1130 - WORK GRANT REQUIRE-  
 MENTS - 16" W.L. 1.75  
 1130 - 1200 - w/ SJN - RE: POOL, 16"  
 W.L., City Hall HVAC 0.5  
 1315 - 1330 - CALL FROM MECH  
 CONTRACTOR, RE: 514 S. 7th 0.25  
 1330 - 1345 - MEMOS TO RUNDLE  
 & SJN, RE: HYDRANT FLUSH'G &  
 COMMUNICATION w/ WTP 0.25  
 1345 - 1730 - REVIEW PLANS OF  
 W. FERGUSON 3.75  
 1830 - 2000 - COMM MTG 1.5  
 2000 - 2300 - GRANT - 16" W.L. 3.0  
 30 min PRE meeting  
 TOTAL

WED, JULY 2, '03

0900 - 1200 - CODE COMMITTEE  
 MTS 3.0  
 1315 - 1345 : CALL TO DEQ, RE:  
 PIPELINGS ON PIERS 0.5  
 1345 - 1400 - GAS INSPECTION @  
 1005 W. BRIDGE 0.25  
 1400 - 1515 - AT SITE OF 16" W.L. 1.25  
 1615 - 1830 - RESEARCH -  
 REPLACE 16" W.L. 2.25  
 TOTAL 7.25

THURS, JULY 3, '03

0800 - 0815 - CONTACT OWEN, RE:  
 16" W.L. 0.25  
 0845 - 1000 - CONTACT w/ OWEN  
 AT SITE & RUNDLE 1.25  
 1000 - 1100 - MEMO TO RUNDLE  
 - RE: 16" W.L. 1.0  
 1100 - 1130 - w/ JON NELSON -  
 RE: FERGUSON AVE 0.5  
 1130 - 1200 MAIL 0.5  
 1315 - 1415 - MEMO TO RUNDLE  
 - 16" W.L. w/ FINISHUP & SKETCH 1.0  
 1415 - 1515 - w/ GILLER +  
 GOLF CSE  
 MEMO TO RUNDLE - LIFT STATION 1.0  
 1600 - 1630 AT SITE. OWEN HAS  
 SCRAPED IT OFF 0.5  
 1630 - 1815 - SPECS ~ 16" W.L. 1.75  
 2130 - 0130 - DITTO 4.0  
 TOTAL 11.75

SAT. JULY 5, '03

1000 - 1345 - Survey @ 16" W.L.

3.75

SUN. JULY 6, '03

1600 - 1700 - REDUCE NOTES OF

SURVEY

1.0

MON. 7/7/03

0730 - 1215 - 16" W.L. DESIGN

4.75

1330 - 1900 - BITTO W/ FIELD

SURVEY 1500 - 1600

5.50

2100 - 2400 + 0130 - DWRB GRANT

ENG'G REPORT

4.5

TOTAL

14.75

TUES. 7/8/03

0930 - 1130 - DWRB GRANT, 16" W.L.

2.0

1300 - 1400 - " " "

1.0

2100 - 2400 " " "

3.0

2400 - 0130<sup>7/9</sup> " " "

1.5

TOTAL

7.5

WED. 7/9/03

0800 - 1200 - Prep DWRB GRANT

4.0

1300 - 1400 - REVIEW ODEP

REGS - FOR PLANS/SPECS OF 16" WL

1.0

1400 - 1430 ENTER ACCURATE INFO

0.5

1430 - 1845 BID DOCS - 16" W.L.

4.25

2200 - 2400 " " " "

2.0

2400 - 0100<sup>7/10</sup> - REVIEW SUPPLEMENTAL

BASELINE RISK ASSESSMENT - BZ SITE

(1.0)

TOTAL

12.25

12.75

THURS. 7/10/03

1000 - 1015 - W/ NMON, RE: POOL FREQ

(0.25)

1015 - 1030 - W/ C. ABBOTT, RE:

BZ MTG / HEARING TONITE

(0.25)

1030 - 1200 - SPECS, BID DOCS -

+ LETTER TO DEQ - 16" W.L.

1.5

1300

1500

1800

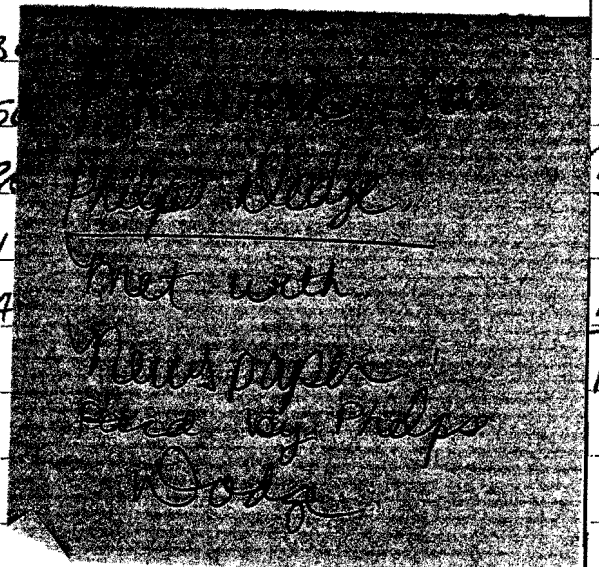
2100

2400

(4.5)

4.5

11.0



7/11/03 FRI.

0815-1130 - DRAFT'S DESIGN OF NEW RAW WATER LINE

3.25

MON. 7/14/03

0815-NOON - DITTO WY CALLS TO 4 CONTRACTORS & RUN OF 9 24" X 36" BLUEPRINTS @ WECO

3.75

1330-1445 - WY RONNEKAMP + RESEARCH WTP WORK TO KEEP & LET GO

1.25

1445-1500 - TO POOL & ENLOW/ COOLIDGE DRNG

0.25

1600-1700 - REVIEW WTP WORK

1.0

TOTAL

6.25

TUES. 7/15/03

0930-0945 WY FRED B. - RE: 16-INCH W.L.

0.25

0945-1000 - WY WAYNE JACKSON, RE: STUMPS @ MH

0.25

1000-1215 - SORT OUT PRIORITIES OF WTP

2.25

1400-1500 - DITTO

1.0

1500-1530 - WY SHAWN KISER, GREG SCHUETZMANN & INMON - CONCESSION STAND & REST ROOM

0.5

1630-1830 SORT OUT PRIORITIES OF WTP

3.0

TOTAL

6.25

WED. 7/16/03

0900-1000 - WY BOB SNODGRASS & RANDY MOORE & JIM RUNDLE - RE: 1.5 MG & 1.0 MG TANKS

1.0

1000-1115 - WY CLAY JOHNS, RE: 6 ELEC INSPECTIONS

1.25

1115-1130 - MEMO TO SJN - RE: TRANSF @ EAGLE - IRON.

0.25

1315-1330 - WY SJN - DEBRIEF OF MEETING ~ COMMUNITY FDN

0.25

1330-1500 - SORT OUT WTP OPTIONS

1.5

1500-1630 - SHOOT GRADE FOR "B" STREET BALLFIELD NEW BLDG

1.5

1630-1715 - CHK FEMA REGS, RE: FLOODPROOFING

0.75

TOTAL

TOTAL

6.5

THURS. 7/17/03

0845-0900 - AT POOL

0.25

0945-1030 - SORT WTP OPTIONS

0.75

1030-1100 - WY SJN - DITTO

0.5

1100-1130 - INSPECT WALMART FOOTING

0.5

1130-1200 - WY CLAY @ POOL

0.5

1330-1415 - SORT WTP OPTIONS

0.75

also paid out of Pool Loan 3.25

3.25

7/18/03 FRI.

7/21/03 MON.

0845 - 0900 - w/ WAYNE @ DRNG (SW BLVD)	0.25	1000 - 1030 - AT POOL + REVIEW PLANS	0.5
945 - 1000 - RE: WALMART PLBG PROBLEM (INMON/BELAIR)	0.25	1030 - 1700 - FLOODPLAIN WORK	
1000 - 1015 - w/ MIKE BRIGGS - COOLING? COURT CLERK OFC	0.25	"B" ST. BALLFIELD	1.5
1015 - 1030 - MAIL	0.25	1300 - 1515 - PREP FOR & w/ FHC & CONTRACTORS (PRE BID)	2.25
1030 - 1100 - SORT OUT WTP PROJECTS	0.5	TOTAL	4.25
1100 - 1130 - w/ FRED B. & WAYNE J. AT S.W. BLVD DRNG	0.5	7/22 THES	
1300 - 1400 - SORT WTP PROJECTS	1.0	0900 - 0930 - REVIEW FLOODPLAIN WORK	0.5
1400 - 1515 - ADDENDA #1 OUT RE: 16" W.L. w/ CALL TO SEEDORF	1.25	0930 - 1200 CODE COMMITTEE	2.5
1600 - 1615 - AT 16" W.L. SITE	0.25	1300 - 1330 - DIMENSION TAKEN	
1615 - 1700 - SORT WTP PROJECTS	0.75	- "B" ST. BALLFIELD	0.5
1700 - 1815 - MEMO TO SJN RE: BNSF R.R. TESTS & SIDEWALK	1.25	1330 - 1430 - COMPLETE ELEV. & FLOODPROOF CERTIFICATES - RE: "B" ST.	1.0
1930 - 1945 - DITTO	0.25	1430 - 1500 PREP FOR BID OPENING - 16" W.L.	0.5
1945 - 2015 - STUDY / REVIEW RETEC REPORT OF 5/22/03 (TO PAGE 2-6)	0.5	1500 - 1545 - BID OPENING + FOLLOWUP TO NOWAK & SOBER	0.75
2015 - 2030 - NOTE TO SJN, RE: SALVAGE LITE POLES @ POOL	0.25	1630 - 1700 - MORE FOLLOWUP + BRIEF SJN ON SAME	0.5
TOTAL	8.0	TOTAL	6.25

<u>WED. 23 JULY '03</u>		<u>SAT. 26 JULY '03</u>	
0930-1000 - AT POOL	<0.5	1300-1330 - TAKE PHOTOS @ POOL	<0.5
1000-1130 - w/ SJN & J. RUNDLE, RE: 16" W.L. AWARD	1.5	(316 SHOTS)	
1230-1330 - DITTO, w/ SJN & RUNDLE	1.0	<u>MON. 28 JULY '03</u>	
1330-1445 - DITTO - w/ FAX MEMO TO D. MERRILL	1.25	0915-0945 - MAIL + CALL L. WILSON	
1445-1515 - UPDATE FILES OF FERGUSON AVE. PROJECT	0.5	RE: BRIDGE CAPACITY	0.5
1615-1800 - AT 16" PIPE SITE + LAYOUT OF MEASUREMENTS	1.75	0945-1230 - MEMO - RE: RECOMMENDING 16" W.L. CONTRACTOR	2.75
TOTAL	6.5	1330-1430 - DITTO	1.0
		1430-1500 - w/ SJN - FUNDING OF 16" W.L.	0.5
			4.75
<u>THURS. 24 JULY '03</u>		<u>TUES. 29 JULY '03</u>	
0815-1000 - PREP FOR & w/ TONY BYERS	1.75	0745-0800 AT POOL	<0.25
1000-1030 - TOOK C. ABBOTT TO 16" PIPELINE SITE	0.5	0815-0830 MAIL	0.25
1030-1130 - AT POOL (WRECKING CO. HERE)	<0.5	0830-1100 - w/ TONY BYERS	2.5
1130-1200 - MAIL	0.5	1100-1200 - REDO APPLICATION (DEQ) FOR 16" W.L.	1.0
TOTAL	3.25	1300-1430 - DITTO	1.5
		1430-1500 - w/ SJN (BYERS)	0.5
		1500-1730 - OPEN BIDS - FERGUSON + w/ RUDY & <sup>JOHN</sup> NELSON	2.5
<u>FRIDAY 25 JULY '03</u>		2100-2300 - DISCUSS 16" W.L. w/ SJN THEN ALTER MEMO.	2.0
0830-0900 AT POOL (+ CALL L. WILSON)	<0.5	2300-2400 - NUMBER & MARK POOL PHOTOS	<1.0
0945-1000 - w/ INMON, RE: DILLAPS	0.25	TOTAL	11.5
1000-1100 - w/ OWRB (GRANT REVIEW) w/ COMPILATION OF INFO.	1.0		
1100-1130 - WTP SORT OF PROJECTS	0.5		
TOTAL	2.25		
			154.25

WED. 7/30/03

0900-0930 - w/ NOWAK, 16" W.L.

0.5

1330-1730 - MEETING @ 1600

w/ BMA TRUSTEES + CONTRACT

DOCS ~ 16" W.L.

4.0

158.75

TOTAL

4.5



2003

MONTH JULY WORK TIME LOG - JAMES R. WILLIS

DAY	REPLACEMENT OF 16" W.L. DESIGN + BID DOCS	GRANT	WEST FERGUSON STREET	WTP - WORK WY COM	S.W. BLVD DRAINAGE	COMMISSION MTGS (COM) : CODE MTGS (CODE)
1		4.75	3.75		0.75	(COM) 1.50
2	4.00					(CODE) 3.00
3	9.75		0.50			
4						
5	3.75					
6	1.00					
7	10.25	4.50				
8		7.50				
9	7.25	4.00				
10	6.00					
11	3.25					
12						
13						
14	3.75			2.25	0.25	
15	0.25			5.25	0.25	
16				1.50		
17				1.50		
18	1.50			2.25	1.25	
19						
20						
21			2.25			
22	1.75					(CODE) 2.50
23	5.50		0.50			
24	0.50					
25		1.00		0.50		
26						
27						
28	4.75					
29	2.50		(OPEN BIDS) 2.5			
30	3.50					(COM) RE: 16" W.L. 1.0
31						
TOTALS	69.25	21.75	9.50	13.25	2.50	8.00

124.25

2003

MONTH JULY WORK TIME LOG - JAMES R. WILLIS

DAY	WORK WY USFOS	WORK AT "B" ST. BALLFIELD	RECORD DATA OF WWTP	INSPECTIONS: (E) ELEC. (S) SEWER (W) WATER (G) GAS (B) BLDG	MAIL, MISC	
1	0.50	0.25			MAIL (0.25); MISC (0.50)	
2				(G) 0.25		
3	(GOLF CSE L.S.) 1.0				MAIL (0.50)	
4						
5						
6						
7						
8						
9			0.50			
10						
11						
12						
13						
14						
15			0.50			
16	0.50	(TWO TANKS) 1.0	1.50	6 SITES 1.25 (E)		
17	RE: WTP 0.50			0.5 (B)		
18					MAIL (0.25)	
19						
20						
21			1.50			
22			2.00			
23						
24	WY T. BYERS 1.75				MAIL (0.50)	
25						
26						
27						
28						
29	WY T. BYERS - 3.0 +				MAIL (0.25)	
30	RE: 16" W.L. 2.0					
TOTAL	8.25	2.25	5.50	2.00	2.25	20.75

JULY  
MONTH 2003 WORK TIME LOG - JAMES R. WILLIS

DAY	CODE WORK (OTHER THAN WY COMMITTEE)	COOLING - 1ST FLOOR ? PROBLEM			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16	0.75				
17					
18	0.25	0.25			
19					
20					
21					
22					
23					
24					
25	0.25				
26					
27					
28					
29					
30					
31					
TOTALS	1.25	0.25			

# MONTHLY HOUR TIME TALLY

MONTH JULY YEAR 2003

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS



		CITY	PDC	(POOL) SPECIAL	CUMULATIVE		
					CITY	PDC	OTHER
T	1	12.25					
W	2	7.25					
TH	3	11.75					
F	4						
S	5	3.75					
S	6	1.00					
M	7	14.75					
T	8	7.50					
W	9	11.75	1.00				
TH	10	6.00	4.75	0.25			
F	11	3.25					
S	12						
S	13						
M	14	6.25					
T	15	6.25					
W	16	6.50					
TH	17	2.50		0.75			
F	18	5.75	2.00	0.25			
S	19						
S	20						
M	21	3.75		0.50			
T	22	6.25					
W	23	6.00		0.50			
TH	24	2.75		0.50			
F	25	1.75		0.50			
S	26			0.50			
S	27						
M	28	4.75					
T	29	10.25		1.25			
W	30	4.50					
TH	31						
		146.50	7.75	5.00			

SPECIALS; DESCRIPTION OF:

OTHER: