



**LANDTECH CONSULTANTS, INC.**

Civil Engineering • Land Surveying

INVOICE NUMBER 27314  
JULY 27, 2011

SCHAUMBERG & POLK, INC  
11767 KATY FREEWAY, SUITE 900  
HOUSTON, TEXAS 77079

ATTENTION: MR. MARK DESSENS, P.E.

FOR PROFESSIONAL SERVICES

PROJECT 11-1-086 (1998) HARLEM ROAD at UNION PACIFIC RAILROAD RIGHT-OF-WAY,  
REFERENCE OLD LCI PROJECT NO. 08-1-0073

PROJECT 11-1-086.00 (1998) ONE RIGHT-OF-WAY PARCEL

	<u>HOURS</u>	<u>RATE</u>	<u>AMOUNT</u>
SURVEY TECHNICIAN	37.50	85.00	\$ 3,187.50
TWO-MAN FIELD CREW	4.00	125.00	<u>500.00</u>
		LABOR TOTAL	\$ 3,687.50

REIMBURSABLE EXPENSES

	<u>UNITS</u>	<u>RATE</u>	<u>AMOUNT</u>
MILEAGE	50.00	0.50	\$ <u>25.00</u>
		REIMBURSABLE TOTAL	\$ <u>25.00</u>

**TOTAL INVOICE DUE \$ 3,712.50**

THANK YOU,  
APPROVED BY

PAUL P. KWAN, R.P.L.S.  
PRESIDENT

396 DOUGLAS COTTLE

# Survey Technician

Week Ended 05/29/2011

Project	Phase	Actvy	Type	Empl	Regular	Overtime	Project Description & Detail Notes
				Hours	Hours		
<b>Monday 05/23/11</b>							
		<u>Billable</u>					
11-1-0008		00	5	5	8.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Revise format
		Monday Total			8.0*	.0*	
<b>Tuesday 05/24/11</b>							
		<u>Billable</u>					
11-1-0008		00	5	5	7.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Revise tables to match format and check tables after reformat, check the location of the points found -
		<u>Overhead</u>					
11-2-9999		999	50	2	1.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
		Tuesday Total			8.0*	.0*	
<b>Wednesday 05/25/11</b>							
		<u>Billable</u>					
11-1-0008		00	5	5	3.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. check points staked against calc points,
		<u>Overhead</u>					
11-2-9999		999	51	2	5.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
		Wednesday Total			8.0*	.0*	
<b>Thursday 05/26/11</b>							
		<u>Billable</u>					
07-1-0174		04	5	5	.5		CLAUNCH & MILLER ENGINEERING. KLUGE ROAD. CONSTRUCTION SURVEY. recover drawings and stake out calculations for staking in field.
11-1-0008		00	5	5	3.5		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Discuss drawing with Bill, about problems with points in field - and CoH monument to be set, prep data to have for field crew tomorrow
11-1-0086		00	5	5	1.0		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Calculate corners and stake out of parcel to be added
		<u>Overhead</u>					
11-2-9999		999	50	2	3.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
		Thursday Total			8.0*	.0*	
<b>Friday 05/27/11</b>							
		<u>Billable</u>					
07-1-0174		04	5	5	1.0		CLAUNCH & MILLER ENGINEERING. KLUGE ROAD. CONSTRUCTION SURVEY. mark up drawing for staking
11-1-0008		00	5	5	2.5		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. process data from field crew, go to field and check elevation to monument
11-1-0086		00	5	5	.5		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. plot out parcel with traverse points for staking
		<u>Overhead</u>					
11-2-9999		999	50	2	4.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.

396 DOUGLAS COTTLE

Week Ended 05/29/2011

Project Phase	Actvy Type	Empl Hours	Regular Hours	Overtime Hours	Project Description & Detail Notes
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Friday Total		8.0*		.0*	
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Week Total		40.0*		.0*	
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 Employee

31 MAY 2011  
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 Date

  
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 Principal

\_\_\_\_\_  
 Date

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 Principal

\_\_\_\_\_  
 Date

396 DOUGLAS COTTLE

# Survey Technician

Week Ended 06/05/2011

Project Phase	Actvy	Type	Empl	Regular	Overtime	Project Description & Detail Notes
			Hours	Hours	Hours	
<b>Monday 05/30/11</b>						
	<u>Overhead</u>					
11-2-9999	999	53	2	8.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
	Monday Total			8.0*	.0*	
<b>Tuesday 05/31/11</b>						
	<u>Billable</u>					
07-1-0174	04	5	5	1.5		CLAUNCH & MILLER ENGINEERING. KLUGE ROAD. CONSTRUCTION SURVEY. make sure all points needed to cover scope are addressed and make revised stakeout points list.
11-1-0008	00	5	5	6.5		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Check the points set Friday, burn DAT and RAW files to CD to take to City, revise data sheet for new CoH monument set at Richmond and Kirby, make minor edits to tables on control sheet, email pdf of City FB no. to Kelly @ Dannenbaum
11-1-0077	00	5	5	.5		TRAFFIC ENGINEERS, INC.. CITY OF HOUSTON TRAFFIC SIGNAL. TOPOGRAPHIC FIELD SURVEY. Process points for intersection at Hillcroft & Richmond
	Tuesday Total			8.5*	.0*	
<b>Wednesday 06/01/11</b>						
	<u>Billable</u>					
11-1-0008	00	5	5	2.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Look up topo for Traffic Boxes at Buffalo Speedway and Kirby-email to client, check Grid coordinates and go over with Bobby and fax to City
11-1-0070	00	5	5	1.0		HNTB. HCTRA FIBER OPTIC LINE. SURVEYING SERVICES. Field visit to verify work was not done yet
11-1-0086	00	5	5	4.0		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Deed plot exisiting RR deeds at Harlem Rd and US90A, research parcels recorded previously along Harlem Rd, begin Metes & Bounds, make parcel map for staking with 3-pt ties to existing control points
	<u>Overhead</u>					
11-2-9999	999	50	2	1.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
	Wednesday Total			8.0*	.0*	
<b>Thursday 06/02/11</b>						
	<u>Billable</u>					
07-1-0174	04	5	5	2.0		CLAUNCH & MILLER ENGINEERING. KLUGE ROAD. CONSTRUCTION SURVEY. Check level notes, ties to control points
11-2-0036	00	5	5	2.0		TXDOT TYLER. FM 314 FROM SH 64. SURVEYING SERVICES. Check centerline stations points
	<u>Overhead</u>					
11-2-9999	999	50	2	3.5		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
	Thursday Total			7.5*	.0*	

396 DOUGLAS COTTLE

Survey Technician

Week Ended 06/12/2011

Project Phase	Actvy	Empl Type	Regular Hours	Overtime Hours	Project Description & Detail Notes
Monday 06/06/11					
		<u>Billable</u>			
11-1-0008	00	5	5	2.5	DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Revise BMs and Control drawing prep to send BM to be recorded at City
11-1-0083	00	5	5	3.5	URS CORPORATION. TCEQ - CONROE CREOSOTING, . TOPOGRAPHIC SURVEY. Finish checking slope elevations against raw files
11-1-0086	00	5	5	2.0	SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Research RR Row
Monday Total			8.0*	.0*	
Tuesday 06/07/11					
		<u>Billable</u>			
07-1-0174	00	5	5	2.5	CLAUNCH & MILLER ENGINEERING. KLUGE ROAD. TOPOGRAPHIC SURVEY. Check elevations of TBMs and make Sta-Offset of TBMs
11-1-0008	00	5	5	1.5	DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Revise and print out Control map with BM certified by City
11-1-0083	00	5	5	2.5	URS CORPORATION. TCEQ - CONROE CREOSOTING, . TOPOGRAPHIC SURVEY. Revise Elevations and revise CGR -Dat file
11-2-0091	00	5	5	1.5	TXDOT-HOUSTON DISTRICT. SH 99, FROM SH 249 TO IH 45 -. DESIGN SURVEY TO STA 3590+00. Deed plots and research for current owner at Gleannloch Farms
Tuesday Total			8.0*	.0*	
Wednesday 06/08/11					
		<u>Billable</u>			
11-1-0086	00	5	5	5.5	SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Check points set, research RR Row at FT Bend Courthouse, tie Mi. Markers
11-2-0091	00	5	5	2.5	TXDOT-HOUSTON DISTRICT. SH 99, FROM SH 249 TO IH 45 -. DESIGN SURVEY TO STA 3590+00. Deed plots and research for current owner at Gleannloch Farms
Wednesday Total			8.0*	.0*	
Thursday 06/09/11					
		<u>Billable</u>			
11-1-0008	00	5	5	1.5	DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 1 - TOPOGRAPHIC SURVEY. Check - verify comments from NUY on her check list
11-1-0086	00	5	5	6.5	SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Draw plat, revise M&Bs to match points set in the field
Thursday Total			8.0*	.0*	
Friday 06/10/11					
		<u>Billable</u>			
11-1-0086	00	5	5	6.0	SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Continue map - check ROW against TXDOT drawing received late in afternoon
		<u>Overhead</u>			
11-2-9999	999	50	2	2.0	. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF. Deed plot exist and begin looking for control in

396 DOUGLAS COTTLE


Week Ended 06/05/2011


Project Phase	Actvy Type	Empl	Regular Hours	Overtime Hours	Project Description & Detail Notes
Friday 06/03/11					
11-1-0083	00		2.5		URS CORPORATION. TCEQ - CONROE CREOSOTING, . TOPOGRAPHIC SURVEY. Check raw data at elevation points for CADD
11-1-0086	00 5	5	2.5		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Finish M&B

Overhead					
11-2-9999	999 50	2	3.0		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF.
Friday Total			8.0*	.0*	
Week Total			40.0*	.0*	

  
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 Employee

6 JUN 2011  
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 Date

  
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 Principal

  
 \_\_\_\_\_  
 Principal

396 DOUGLAS COTTLE *Survey Technician* Week Ended 06/19/2011

Project Phase	Actvy Type	Empl	Regular Hours	Overtime Hours	Project Description & Detail Notes
Monday 06/13/11					
<u>Billable</u>					
11-1-0086	00 5	5	8.0		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Finish survey
Monday Total			8.0*	.0*	
Tuesday 06/14/11					
<u>Billable</u>					
11-1-0008	02 5	5	8.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 3 - SURVEY CONTROL MON.. Make 3-pt tie drawings to TBMs
Tuesday Total			8.0*	.0*	
Wednesday 06/15/11					
<u>Billable</u>					
11-1-0008	02 5	5	8.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 3 - SURVEY CONTROL MON.. Make 3-pt tie drawings to TBMs
Wednesday Total			8.0*	.0*	
Thursday 06/16/11					
<u>Billable</u>					
11-1-0008	02 5	5	6.5		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 3 - SURVEY CONTROL MON.. Make 3-pt tie drawings to TBMs
11-1-0086	00 5	5	1.5		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Make edits per Bills markups
Thursday Total			8.0*	.0*	
Friday 06/17/11					
<u>Billable</u>					
11-1-0008	02 5	5	3.0		DANNENBAUM ENGINEERING. RICHMOND FROM BUFFALO SPWY TO. TASK 3 - SURVEY CONTROL MON.. Finish 3-pt tie drawings to TBMs, continue checking items on 50% final submittal list
11-1-0086	00 5	5	3.5		SCHAUMBERG & POLK, INC.. HARLEM ROAD at UPRR R-O-W. ONE ROW PARCEL. Finish edits per Bills markups then make copies of drawings and M&Bs to send out
<u>Overhead</u>					
11-2-9999	999 50	2	1.5		. 2011 - OVERHEAD. 2011 OVERHEAD - STAFF. Retrieve Subdirectories for Leo, 0620459,..460 & ...461
Friday Total			8.0*	.0*	
Week Total			40.0*	.0*	

*Douglas Cottle*  
Employee

20 JUN 2011  
Date


*R*  
Principal Date

Principal Date

Project Phase	Actvy Type	Empl Hours	Regular Hours	Overtime Hours	Project Description & Detail Notes
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Friday Total		8.0*		.0*	area-Ransom Rd 1.5HR
Week Total		40.0*		.0*	

  
 Employee \_\_\_\_\_ Date 13 JUN 2011

  
 Principal \_\_\_\_\_ Date \_\_\_\_\_  
 Principal \_\_\_\_\_ Date \_\_\_\_\_



2-Man Field Crews Member

LANDTECH CONSULTANTS, INC.  
Civil Engineering - Land Surveying

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TIME RECORD

NAME: CHRIS WELLS

Page 1 of 1  
Period Ending: 6-12-2011

Reg. Hrs.	O.T. Hrs.	Mileage
Var. Hrs.	Sick Hrs.	Holiday Hrs.

STAFF TYPE	LABOR CODE	JOB NO.	DATE							DESCRIPTION	
			Mon	Tue	Wed	Thu	Fri	Sat	Sun		
25	20	11-1-0093	8	9	8	9	10	11	12	8	MUESCHKE ROAD - FINISHED STAKING ROAD FOR CLEARING LIMITS
0	0	07-1-0174	5							5	KLUGE ROAD - SET + TIED TRYS ALONG PROJECT AND LEVEL THROUGH SET TRYS
0	0	11-1-0086	4							4	MARKED ROAD DIRT CORNERS AT RAILROAD ROAD AND HARBERT ROAD
0	0	11-1-0092	9							9	HOUSTON PIPE BENDERS - BEGAN AT BOUNDARY CORNERS AND STARTED SETTING CONTROL
0	0	11-1-0092	10							10	HOUSTON PIPE BENDERS - STARTED TIEING BOUNDARY CORNERS AND TIEING IMPROVEMENTS.
0	0	11-1-0092	10							10	HOUSTON PIPE BENDERS - CONTINUED BOUNDARY SURVEY
Daily Total Hours			8	9	9	10	10	10	10	46	
Daily Total Mileage			83	147	83	78	80			46	

TOTAL REGULAR AND OVERTIME HOURS  
Approved by: THOMAS A. STAUDT  
Supervisor

Approved by: PAUL P. KUMAN  
Supervisor

Employee Signature

*[Signature]*