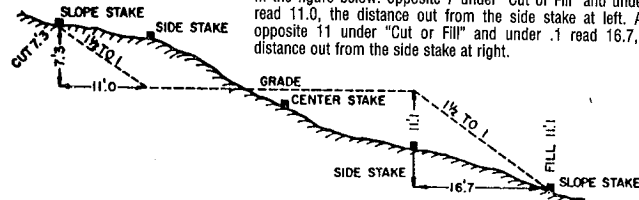


DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

BR. C
+
#060855

The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

IPEY TASK Group 6
PHASE 2 AND PHASE 3 SURVEYS

ABENCO
3001 INC.

I

CONTENTS

1	Level Check - Adj.
2	Levels to FBI Bldg. Door - HWM
3	RTK Log - SOUTH ST. BERNARD
4	" "
5	" " " " "
6	" " " " "
7	RTK Log - INHC Elsdon West - Prof. L.
8	" " " " " "
9	" " " " " "
10	" " " " " "
11	" " " " " "
12	" " " " " "
13	Ground Truth Checks - PATCH 1
14	" " " " "
15	Levels - PATCH 1
16	Ground Truth Checks - PATCH 2 -
17	" " " " "
18	Levels - PATCH 2
19	Ground Truth Checks - PATCH 3 -
20	" " " " "
21	Levels - PATCH 3
22	Ground Truth Checks - PATCH 4
23	" " " " "
24	Levels - PATCH 4
25	Ground Truth Checks -

PATCH 5 - HWM

" " - "

" " - "

RTK Log

" "

RTK Log

" "

RTK Log

" "

RTK Log

" "

PATCH 5 - RTK Log

CONTENTS

Page	
26	Levels - PATENT
27	Levels - Gage site - Little TRISH
28	Ground Truth Checks - PATENT
29	Levels - PATENT
30	RTK Log - IANE - WEST - Floodwall
31	" " - " "
32	" " - " "
33	" " - " "
34	T - Topo Log - IANE - WEST
35	INTERIOR DRAINAGE X-SECTIONS
36	Levels - IANE GAGE SITE
37	" " - " "
38	INTERIOR DRAINAGE X-SECTIONS
39	Levels - GRANTHAM Rm to GRANTHAM B31
40	RTK Log - INTERIOR DRAINAGE @ U145
41	" " - " "
42	RTK Log - U144 - BREACH SECTIONS
43	RTK Log - U145 - BREACH SECTIONS
44	" " - " "
45	RTK Log - Lond. BRIDGE - Floodwalls
46	" " - " "
47	" " - " "
48	" " - " "
49	" " - " "

Pages
RTK Log

Floodwall
- RTK Log

RTK Log CONT'D.

~~7777~~ and London

10777 and London Canal

IPET Task Group

LEVEL CHECK

WEATHER:

Partly Cldy - MILD
Wind - 0 mph

INSTRUMENT

Wild NA-2 S/N 436953

Crew

3001, Inc.

M. Howard

UERRON McNeal

JENNIFER LOUAS

04 JAN 2006 ①

TP1	150'	TP	150'	TP2
4.402		5.850		5.850
		4.402		
		<u>1.448</u>		

TP1	300'	TP2
2.985		4.423
Adj. 2.975	4.423	
	<u>2.985</u>	
	1.438	0.010 ERROR
	<u>1.448</u>	
	0.010 ERROR	
	Adj.	

TP1	300'	TP2		
Adj. 2.975	4.423	4.423		
	<u>2.975</u>			
	1.448			
	<u>1.448</u>			
TP1	150'	TP	150'	TP2
4.369		5.818		5.818
		4.369		
		<u>1.449</u>		
		1.448		
				0.001 ERROR

IPET Group 6 - Phase 2-3
Levels to EBI Bldg, HWM

LAT. 29-51-78.3N Long. 89-54.496W

STA	+	HI	-	Elev	
GPLDA-1				19.074	
	2.298	21.372			
TP			11.258	10.114	
	0.894	11.008			
EBI-HWM			0.000	11.008	
Bldg - Door					
	0.000	11.008			
TP			0.894	10.114	
	10.261	20.875			
GPLDA.1	<u>7.2</u>		1.802	19.073	T
				19.074	G
				0.001	E

Howard & Crew 04 JAN 2006 (2)
(SOUTH ST. BERNARD PARISH Levee)

Remarks
Remarks Ref. MW-TBM

Ref. Job Scope Pg. 13

See Above

IPET Group 6 - Phase 2-3

SOUTH ST. BERNARD PARISH Levee - HWM

RTK 689

Base Location = L278

Lat. 29-52-34.17152N

Long. 89-53-45.38529W

Hgt. -23,805 FT.

N 153410.301 m

E 1138846.952 m

Elev. 2-HH. 6,926 FT.

Rec. S/N = Trimble 4000SE S/N 4927

ANT. Type = Trimble Comp w/1/2 w/90° Plane SW

ANT. Hgt. 6.768 FT.

Radio = Pacific Crest

Freq. 464.50

Point Name	Code	Hgt.
GRLDA-1	CHK	2063
5-1N	HWM - NORTHSIDE	"
5-1C/L	C/L Levee	"
5-2S	HWM - SOUTHSIDE	"
5-3N	HWM - NORTHSIDE	"
5-3C/L	C/L LEVEE	"
5-4S	HWM - SOUTHSIDE	"
5-5N	HWM - NORTHSIDE	"
5-5C/L	C/L LEVEE	"
5-6S	HWM - SOUTHSIDE	"

HAWARD & Crew 04 JAN. 2006 (3)

File: SSBPLHWM.DC

NGS 8m

RTK Backpack

Trimble 4700 w/micas centered 1/2 ANT.

24410

Remarks

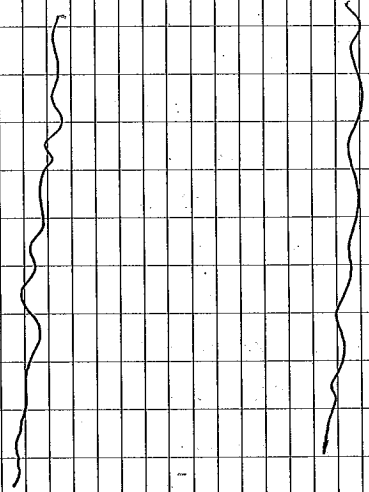
REF JOB SCOPE - P. 13

(CONTINUED ON NEXT PAGE)

JAN. 04, 2006 (4)

POINT NAME	CODE	HT
5-7N	HWM-NORTHSIDE	2.063
5-7C/L	C/L LEVEL	"
5-8S	HWM-SOUTHSIDE	"
5-9N	HWM-NORTHSIDE	"
5-9C/L	C/L LEVEL	"
5-10S	HWM-SOUTHSIDE	"
5-11N	HWM-NORTHSIDE	"
5-11C/L	C/L LEVEL	"
5-12S	HWM-SOUTHSIDE	"
5-13N	HWM-NORTHSIDE	"
5-13C/L	C/L LEVEL	"
5-14S	HWM-SOUTHSIDE	"
6PLDA-1	CHK	"

REMARKS:
Ramp Job Scope - Pg. 13



IPETG - Phase 2-3

SOUTH ST. BERNARD PARISH Levee

RTK Log

Base Location = STM y

LAT. 29-51-16.3665N

Long. 89-47-42.3843W

Hgt. -23.830 FT.

N 15134.327 m

E 1148618.796 m

Elev. 6.818 FT.

Rec. Trimble 4005E unit 4927

Ant. Type = Trimble Comp 4/2 w/900 Phe

Ant. S/N 24415

Ant. Hgt. 2.063 m = 6.768 FT.

Radio = Pacific Crest - Freq. 464.50

Point Name	Code	Hgt.
5-13N	HWM-NORTHSIDE CHK	2.063
5-15	'DESTROYED'	
5-16N	HWM-NORTHSIDE	"
5-16c/L	C/L LEVEL	"
5-17S	HWM-SOUTHSIDE	"
5-18S	HWM-SOUTHSIDE	"
5-19S	HWM-SOUTHSIDE	"
5-19c/L	C/L LEVEL	"
5-18c/L	C/L LEVEL	"

Howard J. Pety

04 Jan. 2006

(5)

REMARKS:

5-15 DESTROYED - Ref. Job Scope - Pg. 10

(SOUTHSIDE ONLY)

Page 14

(CONT'D. NEXT Pg.)

04 JAN 2006

(2)

POINT NAME	CODE	HT.
5-20N	HWM-NORTHSIDE	2.063
5-20c/L	C/L LEVEL	"
5-21N	HWM-NORTHSIDE	"
5-21c/L	C/L LEVEL	"
5-22S	HWM-SOUTHSIDE	"
GPS TSPD	CHK-COE	"

REMARKS:

Ref JOB Scope - Pg. 14

"	"
"	"
"	"
"	"
"	"

IHNC - FRANCE Rd
West-Flood wall Profile

RTH 209

Base Location = OP17

LAT 29-59-11.62495N

Long. 90-02-42.46187W

Hgt. -26.984 FT.

N. 165457.635 m

E. 1124299.009 m

Elev. -2.146 FT

Rec. Type Trimble 4000SE

Rec. S/N 4927

Ant. Type Trimble Comp L^o/L^o w/ Grid Plane

Ant. S/N 24415

Ant. Hgt. 6.768 Ft. = 2.063m

RADIO = Pacific Crest - Freq. 464.50

POINT NAME:	CODE:	HT.:
TBMFRANCE	CHK	2.063
IHNC2	HWB AND TACK	"
IHNC1	SPIKE NAIL	"

* CONT'D ON PAGE #10.

HAWARD & Crew 05 JAN 2006 (9)
File: IHNC-FRANCE.RD.DC

REMARKS:

IHNK - Frank Rd.
Floodwall - Top

TC@ IHNK 1		5.27'
TS		
IHNK 2	00-00-00	6.77'
STA	Code	Hgt.
100	TOP CONC FLD WALL	20.42'
101-102	TOE FLDGATE	25.42'
103	TOP CONC FLD WALL	20.42'
104-107	TOP CONC FLD WALL	6.11'
108	END CONC FLD WALL	6.11'
109	C/L LEVEL	6.11'
110	EDGE RAMP	6.11'
111	C/L RAMP	10.75'
112	EDGE RAMP	10.75'
113	C/L LEVEL	10.75'
114	C/L LEVEL	6.11'
115-118		6.11'
119	EDGE CONC FLD WALL	6.11'
120	TOP CONC FLD WALL	6.11'
121-124	TOP CONC FLD WALL	0.23'
125-128	TOP CONC FLD WALL	6.11'
129-130	TOE FLDGATE	6.11'
131-135	TOP CONC FLD WALL	6.11'
136	END CONC FLD WALL	6.11'
137	TOE	6.11'

HAWAII CREW 05 JAN 2006

(8)

FIL - IHNK - Frank Rd.

(TOP OF CONCRETE FLOOD WALL)
(TOE OF FLOOD GATE)

(SET UP CONT. ON NEXT PAGE.)

STA.:	CODE:	HT.:
138	EDGE ASPHALT ROAD	6.11'
139	C/L ROAD	6.11'
140	EDGE ASPHALT ROAD	6.11'
141	NG	6.11'
142	EDGE ASPHALT ROAD	6.11'
143	C/L ROAD	6.11'
144	EDGE ASPHALT ROAD	6.11'
145	C/L LEVEE	6.11'
145 IHNC2	CHK	6.768'

JAN 05, 2006

9

IHW - France Rd,
Levee - Floodwall

Point Name	Code	Net
146-150	C/L Levee	6.768' 2.0
151	End Conc FLD WALL	6.768'
152-154	Top Conc. FID WALL	"
155-167	" " "	0.30'
168-187	" " "	6.768'
188-198	" " "	0.30'
199-208	" " "	2.22'
209	End Conc FID WALL	2.22'
210	TOE-End FID WALL	6.768'
211-222	X-SECTION	"
223-242	NG	"
243-257	C/L Levee - End	6.768'
258	TOE - End FLD WALL	"
259	End Conc FID WALL	"
IHW C3	1/2" rebar	6.768'
IHW C4	" "	"
260	C/L Levee - End	"
261-269	C/L Levee	"
270	C/L Levee - End	"
271	TOE - End Fld wall	"
272	End Conc fld wall	"
273-280	Top Conc Fld wall	"
281	End Conc Fld wall	"

France Rd Proj 05 JAN 2006

(19)

C/L Levee - New DIRT Levee
Construction Area

C/L Levee - End - New DIRT Levee

Cont'd next Pg.

I HNC - France Rds

Levee Floodwall Profile

Point Name	Code	Hgt.
282-283	Toe Floodgate	6.768'
284	End Conc. Floodwall	"
285-289	Top Conc. Floodwall	"
290	End Conc. Floodwall	"
291	Toe Floodwall	"
292-310	C/L France Rd.	"
311-320	C/L Levee	"
321	Toe Flood End Conc. Floodwall	"
322	End	"
321	Toe - Floodwall	"
322-323	End Conc. Floodwall	"
324-325	Top Conc. Floodwall	"
326-327	Toe - Floodgate	6.768'
328-329	End - Conc. Floodwall	"
330-331	Top Conc. Floodwall	"
332	Toe - Floodwall	"
333-341	C/L Levee	"
342	C/L Levee - End Profile	"
343	Toe - Floodwall	"
344	Top Conc. Floodwall	6.768'
345	LA 1054 - HWM	"
346-361	X-Section	"
TBM FRANCE	CHK	"

HAWAII: Queen 05 JAN 2006

(11)

~~Toe Floodwall Floodgate~~

- Levee under Construction
 Dig out
 - End of Profile
 Top C/L west side of Cinder Block of Bldg.
 - X-section

IHNOC - France Rd.
Levee - Field Wall Profile

50A

X

Adj

TO IHNOC 3

5.30'

BS

IHNOC 4

00-00-00

6.768"

362

TOP CONC FLDWALL

6.11'

³⁶⁶
363-364

TDE FLDGATE

6.11'

³⁶⁹
367-368

END CONC FLDWALL

0.27'

370

END CONC FLDWALL

6.11'

371

TDE FLDWALL

6.11'

IHNOC 4

CHK

6.768'

HAWARD & CREW

05 JAN 2006 (12)

GROUND TRUTH CHECKS - PATCH 1

LIDAR CHECKS

BASE LOCATION JP 04
 LAT 30 02 12.99285 N
 LONG 90 14 47.21894
 HT -27.688
 N 170858.405 m
 E 1104821.159 m
 EL. -4.160 FT.
 REC. TYPE TRIMBLE 4000SE
 REC. S/N 4927
 ANT. TYPE TRIMBLE COMP L₁/L₂ w/ GRID PLANE
 ANT. S/N 24415
 ANT. HT. 6.768 FT. = 2.063 M
 RADIO PACIFIC CREST - FREQ 464.50

POINT NAME!	CODE!	HT.!
JPO3	CHK	6.768'
PIA1-PIA16	4111 - HORZ (sidewalk)	"
PIA17-PIA31	4111	"
PIA32-PIA46	3111	"
PIA47-PIA56	6111	"
PIA57-PIA60	4111 - FLDWALL - HORZ	0.20' 0.27' 0.27'
PIA61-PIA78	3121	6.768'
PIA79-PIA88	A111	6.768'

HAWARD & Crew

Jan 06, 2006

(13)

File Name: PATCH1.DS

REMARKS: Ref. Code List-

See XLS File PATCH1.XLS

PATCH1 - LIDAR - CHECK Log. XLS

(NOTE: MOWED GRASS HEIGHT = 0.10 FT.)

(NOTE: CONCRETE FLOOD WALL)

(NOTE: 2 PHOTOS TAKEN)

(NOTE: THICK CUT GRASS HEIGHT = 0.30 FT.)

* CONT'D ON NEXT PAGE.

Ground Truth Checks - PATCH 1

POINT NAME	CODE:	HT:
PIA89-PIA102	3111- ASPHALT	6.768
JPO3	CHK	"

Howard & Crews 06 Jan. 2006

(14)

REMARKS:

Ground Truth Checks:

PATCH 1

Levels For RTK Check

STA	+	HI	-	Elev
JP 04				-4.160
	3.97	-0.19		
PIA17			5.42	-5.61
PIA31			5.44	-5.63
TP			5.00	-5.19
	5.83	0.64		
JP 04	<u>tie</u>		4.79	-4.15 F.
				-4.160 G.
				-0.01 E

HARRIS Creek 06 Jan. 2006

(15)

Remarks

TBM - JP Pump Station 04

See pg 13 (Code 4111)

" " " " "

See Above

GROUND TRUTH CHECKS

PATCH 2

LIDAR CHECKS

BASE LOCATION ALCO

LAT 30 01 36.52294N

LONG 90 06 46.21053W

HT -24.543

N 169865.289 M

E 1117718.598 M

EL. 6.135 Ft.

REC. TYPE TRIMBLE 4000SE

REC S/N 4927

ANT. TYPE TRIMBLE COMP L1/L2 w/ GRS PLANE

ANT. S/N 24415

ANT. HT. 6.768 Ft. = 2.063 M

RADIO PACIFIC CREST - FREQ 464.50

POINT NAME:	CODE:	HT.
175T/ONS	CHK	6.768'
P2A1-P2A10	A111	"
P2A11-P2A25	A111	"
P2A26-P2A40	3111	"
P2A41-P2A44	BLDG-ROOF CORNERS-HORZ	0.20' 0.27'
P2A45-P2A57	A131	6.768'
P2A58-P2A73	A131-SLOPE	"

Jan 06, 2006

(16)

FILE NAME: PATCH2.DS

REMARKS: Ref. File: PATCH2_LIDAR_check_Log.xls

Ref. MNN-TRM

(THICK CUT GRASS HT = 0.20')

(2 PHOTOS TAKEN)

(2 PHOTOS TAKEN)

*CONT'D ON NEXT PAGE.

GROUND TRUTH CHECKS - PATCH 2

POINT NAME:	CODE:	HT:
P2A74 - P2A93	CONC FLOODWALL - HORZ.	6.768'
P2A94 - P2A108	3111 - ASPHALT	"
LOND	CHK	6.768'

Jan 06, 2006

(17)

REMARKS:

Ref. MVN - TBM

Ground Truth Objects

PATCH 2

Levels For RTN Objects

STA	+	HI	-	Elev.
ALCO				6.135
	5.17	11.30		
P2A26				4.16 7.14
P2A40				5.90 5.40
TP				4.24 7.06
	3.71	10.77		
ALCO		<u>HI</u>		4.64 6.13 F.
				<u>6.135</u> G.
				0.00 E

HAWAII: PTY

06 JAN. 2006

(18)

Remarks

~~MAN TBM~~ NG-5 BM

Ref. Pg. 16 (Code 3121)
 " " " " 3121

See ABOVE

Ground TRUTH checks
 PATCH 3 DID
 Base Location = GRAHAM (BJ1360)

LAT. 30 01 55.169 N

Long. 90 04 36.159 W

Hgt. -

N 170477.037 m

E 712196.586 m

Elev. 6.69 FT.

REC. TYPE TRIMBLE 4000 SE

REC. S/N 4927

ANT. TYPE TRIMBLE COMP L1/L2 w/GRD. PLANE

ANT. S/N 24415

HT. ANT. TYPE 6.768 FT. = 2.063 M

~~ANT. TYPE~~

RADIO PACIFIC CREST - FREQ 464.50

POINT NAME:	CODE:	HT:
LOND	CHK	6.768
P3A1-P3A10	6111	"
P3A11-P3A25	3111	"
P3A26-P3A40	4111	"
P3A41-P3A44	CANOPY ROOF CORNERS - HORZ	0.20
P3A45-P3A59	4111 - CONC	6.768
P3A60-P3A72	A131 - SLOPE	"
P3A73-P3A83	6131 - SLOPE	"

Harvard i Ptg 07 JAN 2006 (19)
 File: PATCH3.DC
 CGS MARK

(AUTONOMOUS)

REMARKS: Ref File PATCH3_GDAP_checks_Log.xls

(MOWED GRASS HT = 0.10')

(THICK CUT GRASS HT = 0.4')

(MOWED GRASS HT = 0.11')

* CONT'D ON NEXT PAGE.

GROUND TRUTH CHECKS - PATCH 3

POINT NAME:

CODE:

HT:

LOND

CHK

6.768'

Jan 07, 2005

(20)

REMARKS

Ground Truth Checks
Patch 3

Levels For RTK Check

STA	+	HI	-	Elev.
GRAHAM				6.27
	4.70			
TP			4.64	
	5.33			
P3A 26			6.58	
P3A 40			6.65	
TP			5.13	
	4.57			
GRAHAM	<u>HI</u>		4.83	F.
				G.
				E.

07 JAN. 2006

(21)

Remarks

CGS MARK - Ref. HWS BK PG
39 For Elev.

Ref. Pg. 19 (Code 4111) RTK
" " " " " "

See Above

Ground Truth Checks

PATCH 4

RTK Log

Base Location = AP 01

LAT 30 02 05.16911N

LONG 90 01 31.24204W

AGT. -26.183

N 170840.356m

E 1126146.826m

Elev. 0.817 FT.

REC. TYPE TRIMBLE 4000SE

REC. S/N A927

ANT. TYPE TRIMBLE COMP L1/L2 w/ GRID PLANE

ANT. S/N ZAA15

ANT. HT. 6.768 FT = 2.063 M

RADIO PACIFIC CREST - FREQ 164.50

POINT NAME:	CODE:	HT.
DP16	CHK	6.768'
PAA1- PAA10	6131-SLOPE	"
PAA11- PAA22	4121 FLOODWALL-HORZ	"
PAA23- PAA37	3111	"
PA38- PAA47	6111	"
PA48- PAA62	4111	"
PAA63- PAA82	4111- CONC	"
PAAB3- PAA86	BLDG ROOF-HORZ	0.20'

HOWARD iCrew 07 JAN. 2006 (22)

File: PATCH4.DC

TBM Lake Front AIRPORT

REMARKS: Ref. File: PATCH4.LIDAR Check Log.XLS

(MOWED GRASS HT. = 0.1')
(2 PHOTOS TAKEN)

(MOWED GRASS HT = 0.1')

* CONT'D ON NEXT PAGE.

Ground Truth checks

PATCH 4

Levels For RTK Checks

STA	+ HI	-	Elev.	
AP 01			0.817	
	5.98			
TP		4.59		
	6.37			
TP		3.29		
	3.34			
TP		3.15		
	4.38			
P4A48		4.59	5.27	
P4A62		4.58	5.28	
	4.38			
TP		4.38		
	3.07			
TP		3.34		
	3.83			
TP		6.79		
	4.73			
AP 01	<u>7.2</u>	6.15	0.827	F
			0.817	G
			7.010	E

07 JAN 2006

(24)

Remarks

REF. TBM - LAKE FRONT AIRPORT

REF. Pg. 22 (Code 4/11) RTK
 " " " " " "

See ABOVE

GROUND TRUTH CHECKS

PATCH #5

BASE LOCATION PAT5
 LAT 30 07 49.48
 LONG 89 52 02.78
 HT. ~~-87.48'~~ - 85.24
 N 595882.627 96
 E 3744216.169 - 13
 EL. - 85.24
 REC. TYPE TRIMBLE 4000SE
 REC. S/N 4927
 ANT. TYPE TRIMBLE COMP L1/L2 W/ GRD PLANE
 ANT. S/N 24415
 ANT. HT. 6.768 FT = 2.063 M
 RADIO PACIFIC CREST - FREQ 46.50

POINT NAME:	CODE:	HT:
PA5AG06	CHK	6.768
PA5A1 -		
PA51-PA51F	3111	0.206768'
PA516-PA51B	BLDG ROOFCORNERS - HORZ	6.768 ± 0.20'
PA519-PA5A28	5111	6.768
PA5A29-PA5A49	4111 - CONC - BRIDGE	"
PA5A ⁵⁰ 49-PA5A59	6131 - SLOPE	"
PA5A60-PA5A72	4111 - CONC - FLOODWALL - HORZ	"
AG06	CHK	"

HAWARD & PTY

Jan 10, 2006

(25)

(AUTONOMOUS)

REMARKS:

(TALL GRASS HT = 0.4')

Ground Truth Checks

PATCH5

LEVELS to RTK Points

STA.	+	HI	-	Elev.	
PATS				2.27	
		6.39			
PASA1				4.95	
PASA15				5.40	
TP				3.35	
		3.04			
PATS		<u>HI</u>		6.07	F.
				<u>1</u>	G

10 JAN. 2006

(26)

Remarks

1/2" Iron Rod w/ Plastic Cap

REF Pg. 25 (code 341) RTK
 " " " " "

See ABOVE

NWS USGS & ORLEANS Levee BOARD Gages
 Little IRISH Bayou @ Hwy 1 NEAR SLIDELL, LA.

STA	+	HI	-	Elev
AG06				3.62
	4.92	8.54		
GPS 1			3.58	4.96
	3.40	8.36		
R.M. 1			3.36	5.00
	6.50	11.50		
R.P. -1			1.83	9.67
	1.49	11.16		
R.M. 2			6.14	5.02
	5.74	10.76		
AG06			7.14	3.62 F.
				3.62 G
				0.00 E

HAYARD & P Ty

10 JAN, 2006

(27)

GPS- Remarks

GPS 1 - CHISELED square on SE Abutment

R.M. 1 - CHISELED X on SW Abutment

R.P. -1 - Head of a 1/2" bolt on the SE side of Gage House

R.M. 2 - CHISELED square on Nid Abutment

See ABole

Ground Truth Checks

PATCH 6

BASE LOCATION PIKE RESET
 LAT. 30 09 59.78
 LONG. 89 44 14.73
 HT. -75.18
 N. 609592.80
 E 3785129.11
 EL. -75.18
 REC TYPE TRIMBLE 4000 SE
 REC. S/N. 4927
 ANT TYPE TRIMBLE COMP L1/L2 w/ GEO PLANE
 ANT S/N 2A415
 ANT HT. 6.768 Ft = 2.063 M.
 RADIO PACIFIC CREST - FREQ 464.50

POINT NAME :	CODE:	HT.:
PIKERM3	CHK	6.768'
PLA1-PLA4	4111-CONC ^{SLAB} -HORZ	"
PLA5-PLA12	601-SLOPE1	"
PLA13-PLA21	6131-SLOPE2	"
PLA22-PLA45	4111-SLAB CONC- HORZ	"
PLA42-PLA45	BLDG ROOF CORNERS-HORZ.	0.20'
PLA46-PLA55	6111	6.768'
PIKERM3	CHK	"

Harvard & Brew

10 JAN. 2006

(28)

REMARKS:

(MOWED GRASS HT = 0.1')

GROUND TRUTH CHECKS

PATCH 6

LEVELS TO RTK POINTS

STA.	+	IN	-	EL.
Pike Reset				8.10
	3.43			
Pike Rm3			2.43	9.10
	2.14	11.24		
PLA31			7.43	3.81
PLA35			7.20	4.04
PLA39			7.13	4.11
Pike Rm3			2.14	9.10
	3.71	12.81		
Pike Reset <u>hi</u>			4.71	8.10 E.
				8.10 G.
				0.00 E

Jan. 10, 2006

(29)

OBSERVING 1

PIKE RESET

Ret = Pg. 28 (Code 4111-5122 (P.C.))
 " " " " " "
 " " " " " "

See Above

IHNC - WEST

FLOODWALL

RTW Log

BASE LOCATION DP17
 LAT 29 59 11.62495 N
 LONG 90 02 42.46187 W
 HT. - 26.984 FT.
 N 16545⁷⁵ 1.635 M
 E 1124299.009 M
 EL. - 2.146 FT.
 REC. TYPE TRIMBLE 4000 SE
 REC. S/N 4927
 ANT. TYPE TRIMBLE COMP 4 / L2 W / GROUND PLANE
 ANT. S/N 24415
 ANT. HT. ~~6.7168~~ FT = 2.063 m
 RADIO PACIFIC CREST - FREQ 416.50

POINT NAME:	CODE:	HT:
TBM FRANCE	CHK	6.7168'
372-382	DIRT RIP RAP PILE	"
383-394	TOP CONC BAG	"
395-396	EDGE ASPHALT ROAD	"
397-402	TOP CONC BAG	"
403-405	DIRT RIP RAP PILE	"
406-408	TOP CONC BAG	"
409-	TOP SHEET PILING	"

Jan 11, 2006

(30)

REMARKS:

(SMALL LEVEE)

(SMALL LEVEE)

(SMALL LEVEE)

*CONT'D ON NEXT PAGE.

IHCN - WEST FLOODWALL

POINT NAME:	CODE:	Ht.
410 - 414	TOP SHEET PILING	0.20'
415 - 417	TOP SHEET PILING	6.768'
418 - 421	TOP CONC FLDWALL	"
422 - 423	TOP SHEET PILING	"
424 - 429	TOP CONC BAG	"
430 - 431	DIRT RIP RAP PILE	"
432 -	DIRT RIP RAP PILE	"
433	TOE	9.8'
434	TOP SHEET PILING DAUPHIN	6.768'
434	TOP SPILE DAUPHIN	6.768'
434 435 - 440	DAUPHIN DIRT FILL	"
441	TOP SPILE DAUPHIN	"
442	EDGE CONC FLDWALL	"
443 - 450	TOP CONC FLDWALL	"
451 - 455	FLDWALL BLOWOUT	"
456 - 480	TOP CONC FLDWALL	"
481 -	EDGE CONC FLDWALL	"
482 - 483	TOE FLD GATE	"
484	EDGE CONC FLDWALL	"
485 - 497	TOP CONC FLDWALL	"
498	EDGE CONC FLDWALL	"
499 - 500	TOE FLDWALL	"
501	EDGE CONC FLDWALL	"
502 - 517	TOP CONC FLDWALL	"

Jan 11, 2006 (3)

REMARKS:

(SMALL LEVEE)

(DIRT FILLED)

(DIRT FILLED)

(TOP SHEET PILING DAUPHIN - DIRT FILLED)

*CONT'S ON NEXT PAGE.

JHNC - WEST FLOODWALL

POINT NAME	CODE	HT.
518	EDGE CONC FLDWALL	"
519-520	TOP CONC FLDWALL	"
521	EDGE CONC FLDWALL	"
522-529	TOP CONC FLDWALL	"
530	EDGE CONC FLDWALL	"
531-532	TOP CONC FLDWALL	"
533	EDGE CONC FLDWALL	"
534-554	TOP CONC FLDWALL	"
555	EDGE CONC FLDWALL	"
556-557	TOP CONC FLDWALL	"
558	EDGE CONC FLDWALL	"
559-587	TOP CONC FLDWALL	"
588	EDGE CONC FLDWALL	"
589-590	TOP CONC FLDWALL	"
591	EDGE CONC FLDWALL	"
592-596	TOP CONC FLDWALL	"
597-606	TOP CONC FLDWALL	2.20'
607	EDGE CONC FLDWALL	"
608-609	TOP CONC FLDWALL	2.768'
610	EDGE CONC FLDWALL	"
611-616	TOP CONC FLDWALL	"
617	EDGE CONC FLDWALL	"
618-619	TOP CONC FLDWALL	"
620	EDGE CONC FLDWALL	"

Jan 11, 2006

(32)

REMARKS:

(TOP CONC FLDWALL)

*CONT'D ON NEXT PAGE.

POINT NAME	CODE	HT.
621-622	TOP CONC FLDWALL	6.768'
IHNC5	CHISEL X	"
IHNC6	PKNAIL	"
627-628	TOP CONC FLDWALL	0.20'
629-631	TOP CONC FLDWALL	6.768'
632	TOP CONC FLDWALL	0.20'
633	END CONC FLDWALL	0.20'
634-635	TOE CONC FLDWALL	14.768'
636	EDGE CONC FLDWALL	6.768'
637-648	TOP CONC FLDWALL	"
649	TOP CONC FLDWALL	0.20'
650	EDGE CONC FLDWALL	"
651-652	TOE CONC FLDWALL	6.768
653	EDGE CONC FLDWALL	"
654-658	TOP CONC FLDWALL	"
659	TOP CONC FLDWALL	0.20'
660-661	TOP CONC FLDWALL	11.768' 0.20'
IHNC7	PKNAIL	6.768'
IHNC8	PKNAIL	"
TBM FRANCE	CHK	"

Jan 11, 2006

(33)

REMARKS:

I.H.N.C - WEST FLOODWALL

	κ @ IHNC5		5.36
BS			
IHNC6	00-00-00		6.77'
STA.	CODE		HT.
623-624	TOP CONC FLDWALL		6.11'
625-626	END CONC FLDWALL		6.11'
IHNC6	CHK		6.77'

(EDGE OF PUMP STATION)

κ @ IHNC7

BS			5.55'
IHNC8	00-00-00		6.77'
STA.	CODE		HT.
662	EDGE CONC FLDWALL		6.11'
663-664	TOP CONC FLDWALL		"
665	EDGE CONC FLDWALL		"
666-668	TOP CONC FLDWALL		"
669	EDGE CONC FLDWALL		"
IHNC8	CHK		6.77'

(EDGE CONCRETE FLOODWALL)

(END PROFILE - END OF FLOODWALL)

EHNS

INTERIOR DRAINAGE X-SECTIONS

RTR Log

BASE LOCATION OP17
 LAT. 29 59 11.62495
 LONG. 90 02 42.46187
 HT. - 26.982 FT.
 N 165475.635 M
 E 1124290.009 M
 EL. - 2.126 FT.
 REC. TYPE TRIMBLE 1000 SE
 REC. S/N 4927
 ANT. TYPE TRIMBLE COMP L₁ 1/2 W/ GRD PLANE
 ANT. S/N 24415
 ANT. HT 6.768 FT = 2.063 M
 RADIO PACIFIC CREST - FREQ 414.50

POINT NUMBER (NAME)	CODE	HT.
BM FRANCE	CHK	6.768'
DPO2	CHK	"
#23-1	60d-NAIL 0+00	"
#22-1	60d-NAIL 0+40	"
#21-1	60d-NAIL 0+00	"
#6-1	PAINT EX 0+40	"
#18-1	60d-NAIL -0+35	"
#17-1	60d-NAIL 0+00	"

Hawaii; Creed Jan 12, 2006

(35)

File: IDX section DC

REMARKS!

*CONT'D ON PAGE 38.

Industrial Canal Gages
 L & N Bridge under THE I-10 High Rise

STA.	+	IN	-	EL.
TBM F				10.262
	4.12	14.38		
R.P.1			4.29	10.09
	3.98	14.07		
STAFF Gage			4.45	9.62
	4.37	13.99		
TBM F	<u>7 1/2</u>		3.74	10.25 π
				10.262 ω
				- 0.01 ϵ

Levels
 (Cont'd next Pg)

Howard & Crew

Jan 12, 2006

(36)

Remarks

REF. Bk. 2 Pg 52

Top 1 1/2" Alum. & Iron directly over Pressure Transducer Pipe (USGS gage)

Top of wooden beam Bored Deck STAFF Gage - 10 FT. MARK on gage

See ABOVE

IHNC				
Levels From TBM F to B3130 Reset				
SMA	+	HE	-	Elm.
TBM F				10.262
	3.65			
TBM IHNC-west		0.93	12.98	
	0.27			
	0.70			
TBM TP		7.40		
	2.86			
TP		4.30		
	3.17			
TP		2.60		
	6.07			
B3130 Reset		1.37	9.68	
	1.51			
TP		6.21		
	2.97			
TP		3.26		
	4.16			
TP		2.95		
	7.55			
TBM IHNC-west		0.46	12.99	F.
	0.70			G.
TBM F	4.22	3.44	10.25	E.F.
			10.262	G.
			-0.01	E.

Howard & Crew 12 Jan. 2006 (31)

Remarks

TBM IHNC-west is a cast lead square on the S.W. Corner end of Concrete Floodwall, ± 50' south of W30 Flood gate, ± 100' south of I-10 High Rise Bridge, ± 200' west of the L&N Bridge.

REF. NGS DATA SHEET (PID BJ5311)

See ABOVE

STA.	+	Levels	-	Elev.
GRAHAM RM				6.280
	4.524	10.804		
GRAHAM RM			4.532	6.272
	4.428	10.700		
GRAHAM RM		<u>hi</u>	4.425	6.275 F.
				6.280 G.
			- 0.005	E.

HAWARD e Crew 13 JAN 2006

(39)

Remarks

INTERIOR DRAINAGE X-SECTIONS

RTR Log

13 JAN. 2006

(40)

Base Location: U149 Reser 1996

Lat 30-01-08.36778N

Long. 90-05-52.62417W

Hgt. 55

N 554506.181

E 3671789.168

Elev. 5.878 FT.

Rec. Type Trimble 4005E

Rec. ID# 4927

Ant. Type = Trimble Comp. 4/62 w/92A P/antenna

Ant. ID# 24415

Ant. Hgt. 6.768 FT. = 2.063 m

Proj. Pacific Crest Proj 46450

Point Name Code

ALCO CHK - Deleted 16.768'

GRAHAM CHK - " "

ESSEX CHK - " "

ORL3 CHK - " "

ORL2 CHK - " "

A148 CHK - " "

OP01 CHK - " "

ORL3 CHK - " "

* 5-1 602 NAIL 0+50 "

* 5-2 602 NAIL 2+30 "

REMARKS

* CONT'D ON NEXT PAGE.

INTERIOR DRAINAGE X-SECTIONS

RTK LOG

BASE LOCATION: U149 RESET 1996
 LAT 30 01 38.36778 N
 LONG 90 05 52.62117 W
 # N 554506.181
 # E 3671789.168
 E HT.
 EL. 5.878 Ft
 REC. TYPE TRIMBLE 4000SE
 REC. #/N 4921
 ANT. TYPE TRIMBLE COMP L1/L2 w/GRID PLANE
 ANT #/N 24A15
 ANT HT. 6.768 Ft = 2.063 M
 RADIO PACIFIC CREST FREQ 464.50

POINT NAME:	CODE:	HT.:
ORL3	CHK	6.768'
# 1-1	PAINT DOT 3+80	"
# 11-1	PAINT DOT 1+19	"
# 10-1	60d NAIL 0+69	"
# 9-1	60d NAIL 0+10	"
# 8-1	60d NAIL 0+20	"
# 7-1	60d NAIL 0+10	"
ORL3	CHK	"

Jan 14 2006 (42)

REMARKS:

17TH - LOND

RTK Log

BASE LOCATION	W149	1996 RESET
LAT.	30 01 08.36778N	
LONG.	90 05 52.62417W	
HT.		
N	554506.181	
E	3671789.168	
EL.	5.878 Ft.	
REC. TYPE	TRIMBLE 4000 SE	
REC. S/N	4927	
ANT TYPE	TRIMBLE COMP L1/L2 w/GOOD PLANE	
ANT S/N	24415	
ANT. HT.	6.768 Ft. = 2.063M	
RADIO	PACIFIC CREST	FREQ 464.50

POINT NAME	CODE	HT
DRL3	CHK	6.768'
51+00 DBL 470	602 NAIL	"
51+50 DBL 469	602 NAIL	"
52+00 DBL 467	602 NAIL	"
58+50 DBL 463	602 NAIL	"
59+00 DBL 460	602 NAIL	"
59+50 DBL 458	602 NAIL	"
58+50 DBL 317	602 NAIL	"
59+00	315 602 NAIL	"

Jan 14, 2006

(43)

REMARKS:

*CONT'D ON NEXT PAGE.

17TH-LOUD

POINT NAME:	CONC:	HT
59+50 DBL 315	602 NAIL	6.768'
51+00 DBL 326	602 NAIL	01
51+50 DBL 325	602 NAIL	11
52+00 DBL 325	602 NAIL	21
LC05	CHK	11

Jan 14, 2006

(44)

REMARKS:

Bridge Surveys (Orleans, London Ave. & 17th St. Canals)
 RTK Log - Topo - Connections Between Bridge And

BASE LOCATION = LAND
 LAT 30-01-17.19974 N
 LONG 90-04-15.38322 W
 HT
 N 555491.474 FT
 E 3630327.120 FT
 EL. 8.856 FT
 REC. TYPE TRIMBLE 4000SE
 REC. S/N 4927
 ANT. TYPE TRIMBLE COMP L1/L2 w/GRD PLANE
 ANT. S/N 24415
 ANT. HT. 6.768 FT = 2.063 M
 BRAND PACIFIC CREST FRQR-46A.50

POINT NAME:	CODE:	HT.:
ALCO	CHK	6.768'
ORLEANS4A1-	TOP END CONC FLDWALL	"
ORLEANS4A2-ORLEANS4A19	TOP c/l CONC FLDWALL	"
ORLEANS4A20-ORLEANS4A39	TOP c/l CONC FLDWALL	0.58'
ORLEANS4A40-ORLEANS4A43	C C FWALL - BRIDGE WALKWAY CORNER CONC FLDWALL	10.728'
ORLEANS3A1-ORLEANS3A3	TOP c/l CONC FLDWALL	0.58'
ORLEANS3A4-ORLEANS3A5	END CONC FLDWALL	"
ORLEANS3A6-ORLEANS3A15	TOP c/l CONC FLDWALL	"
ORLEANS3A16	TOP c/l CONC FLDWALL	0.68'

Jan 15, 2006 (45)

Flood Walls

(BRIDGE-FLOODWALL OVER ORLEANS CANAL @ ROBERT K. LEE BVD.)

(CORNER OF CONCRETE FLOODWALL - BRIDGE) (WALKWAY)

(BRIDGE-FLOODWALL OVER ORLEANS CANAL @ FILMORE AVE.)

*CONT'D ON NEXT PAGE.

BRIDGE SURVEYS - RTK LOG: CONNECTIONS BETWEEN BRIDGE & FLOODWALLS

POINT NAME:	CODE:	HT.:
ORLEANS3A17 → ORLEANS3A40 ³⁹	TOP C/L CONC FLDWALL	0.58'
ORLEANS3A40 - ORLEANS3A41	END CONC FLDWALL	"
ORLEANS3A42 - ORLEANS3A45	TOP C/L CONC FLDWALL	"
ORLEANS3A46 - ORLEANS3A49	TOE FLDGATE	10.778
ORLEANS3A50 - ORLEANS3A53	C.C. FWALL - BRIDGE BED	"
ORLEANS3A54 - ORLEANS3A55	BASE FLDWALL - BRIDGE BED	"
LOND8A1 - ORLEANS	END CONC FLDWALL	0.58'
LOND8A2 - LOND8A19	TOP C/L CONC FLDWALL	"
LOND8A20	END CONC FLDWALL	"
LOND8A21 - LOND8A32	TOP C/L CONC FLDWALL	"
LOND8A33 - LOND8A34	END CONC FLDWALL	"
LOND8A35 - LOND8A36	TOP C/L CONC FLDWALL	"
LOND8A37 - LOND8A38	TOE FLDGATE	10.778
LOND8A39 - LOND8A42	C.C. FWALL - BRIDGE BED	"
LOND7A1 - LOND7A4	TOP C/L CONC FLDWALL	0.58
LOND7A5 - LOND7A8	TOP C/L CONC FLDWALL	6.768
LOND7A9	END CONC FLDWALL	"
LOND7A10 - LOND7A19	TOP C/L CONC ^{FWALL} FLDGATE	"
LOND7A20	FLDGGATE	0.30
LOND7A21	END CONC FLDWALL	6.768
LOND7A22	TOP C/L CONC FLDWALL	"
LOND7A25 - LOND7A34	FLDGGATE	"
LOND7A35 - LOND7A36	END CONC FLDWALL	"
LOND7A37 - LOND7A40	TOP C/L CONC FLDWALL	"

Jan 15, 2006

(46)

REMARKS:

(BRIDGE-FLDOWALL OVER LONDON CANAL @ LEON C. SIMON DR.)

(BRIDGE-FLDOWALL OVER LONDON CANAL @ ROBERT E. LEE BVD.)

NOTE: NW CORNER DOESN'T HAVE FLDOWALL

(BRIDGE WEST END FLDOWALL)

(BRIDGE EAST END FLDOWALL)

* CONT'D ON NEXT PAGE.

BRIDGE SURVEYS: RTK LOG - CONNECTIONS BETWEEN BRIDGE & FLOODWALLS

LOND7A41 - LOND7A43	TOP c/l CONC FLDWALL	0.58'
LOND6A1 -	TOP c/l CONC FLDWALL	"
LOND6A2 - LOND6A3	END CONC FLDWALL	"
LOND6A4 - LOND6A16	TOP c/l CONC FLDWALL	"
LOND6A17 - LOND6A18	END CONC FLDWALL	"
LOND6A19	TOP c/l CONC FLDWALL	"
LOND6A20 - LOND6A21	TOE FLDGATE	10.77%
LOND6A22 - LOND6A23	C C FWALL - WALKWAY	"
LOND6A24 - LOND6A27	TOE FLDGATE	"
LOND6A28 - LOND6A29	C C FWALL - WALKWAY	"
LOND6A30 - LOND6A31	TOE FLDGATE	"
LOND6A32	TOP c/l CONC FLDWALL	0.58
LOND6A33 - LOND6A34	END CONC FLDWALL	"
LOND6A35 - LOND6A36	TOP c/l CONC FLDWALL	"
LOND6A37 - LOND6A38	P/L CROSSING	"
LOND6A39 - LOND6A54	TOP c/l CONC FLDWALL	"
LOND6A55 - LOND6A56	P/L CROSSING	"
LOND6A57 - LOND6A58	TOP c/l CONC FLDWALL	"
LOND6A59 - LOND6A60	END CONC FLDWALL	"
LOND6A61 - LOND6A63	TOP c/l CONC FLDWALL	"
LOND5A1 -	TOP c/l CONC FLDWALL	"
LOND5A2 - LOND5A3	END CONC FLDWALL	"
LOND5A4 - LOND5A15	TOP c/l CONC FLDWALL	"
LOND5A16 - LOND5A17	END CONC FLDWALL	"
LOND5A18	TOP c/l CONC FLDWALL	"

Jan 15, 2006

(47)

(BRIDGE - FLOODWALL OVER LONDON CANNAL @ FILMORE AVE)

(BRIDGE - FLOODWALL OVER LONDON CANNAL @ MIRABEAU AVE)

* CONT'D ON NEXT PAGE.

Jan 15, 2006

(48)

BRIDGE SURVEYS: RTK LOG - CONNECTIONS BETWEEN BRIDGES & FLOODWALLS

POINT NAME:	CODE:	HT:
LOND5A19 - LOND5A24	TOE FLDGATE	10.778'
LOND5A25	TOP C/L CONC FLDWALL	0.58'
LOND5A26 - LOND5A27	END CONC FLDWALL	"
LOND5A28 - LOND5A42	TOP C/L CONC FLDWALL	"
LOND5A43 - LOND5A44	END CONC FLDWALL	"
LOND5A45	TOP C/L CONC FLDWALL	"
LOND5A46 - LOND5A47	TOE FLDGATE	10.778
LOND4A1 - LOND4A32	TOP C/L CONC FLDWALL	0.58
ORLEANS2A1 - LOND4A ORLEANS2A15	TOP C/L CONC FLDWALL	0.58
ORLEANS2A16	TOP C/L CONC FLDWALL	0.83
ORLEANS2A17 - ORLEANS2A18	TOP C/L CONC FLDWALL	0.58
ORLEANS2A19 - ORLEANS2A20	END CONC FLDWALL	0.58
ORLEANS2A21 - ORLEANS2A26	TOP C/L CONC FLDWALL	0.58
ORLEANS2A27 - ORLEANS2A28	END CONC FLDWALL	"
ORLEANS2A29 - ORLEANS2A38	TOP C/L CONC FLDWALL	"
ORLEANS2A39 -	TOP C/L CONC FLDWALL	0.68
ORLEANS2A40 - ORLEANS2A46	TOP C/L CONC FLDWALL	2.58
ORLEANS2A47 - ORLEANS2A50	TOE FLDGATE	10.778
W149	CHK	6.768

(BRIDGE - FLOODWALL OVER LONDON CANAL @ GENTILLY BVD)
 (BRIDGE - FLOODWALL OVER ORLEANS CANAL @ HARRISON AVE.)

(ELEV. 6.201 FT)

BRIDGE SURVEYS

RTK LOG - CONNECTIONS BETWEEN BRIDGE & FLOWWALLS

BASE LOCATION: ALCO
 LAT 30 01 36.52294 N
 LONG 90 06 46.21053 W
 HT - 24.543
 N 169865.289 M
 E 1117718.598 M
 EL 6.135 FT.
 REC. TYPE TRIMBLE 4000 SE
 REC. S/N 4927
 ANT. TYPE TRIMBLE COMP L1/L2 W/GRD PLANE
 ANT S/N 24415
 ANT HT 6.768 FT = 2.063 M
 RADIO PACIFIC CREST - FREQ. 464.50

POINT NAME:	CODE:	HT.:
ESSEX	CHK	6.768
17TH#A1 - 17TH#A3	TOP C/L CONC FLOWALL	0.58
17TH#A4 - 17TH#A19	TOP C/L CONC FLOWALL	4.21
17TH#A20 - 17TH#A36	TOP C/L CONC FLOWALL	0.58
17TH#A37 - 17TH#A38	END CONC FLOWALL	"
17TH#A33 - 17TH#A36	TOP C/L CONC FLOWALL	"
17TH#A37 - 17TH#A58	TOP C/L CONC FLOWALL	4.21
17TH#A59 - 17TH#A60	TOE FLDGATE	6.768
17TH#A61 - 17TH#A68	TOE FLDGATE	10.778

Jan 16, 2006

(49)

REMARKS:

(BRIDGE - FLOWWALL OVER METABIE CANAL / 17th STREET @ HAMMOND HWY)

(BRIDGE - FLOWWALL OVER METABIE CANAL / 17th STREET @ VETERANS BVD.)

* CONT'D ON NEXT PAGE.

BRIDGE SURVEYS: RTK LOG - CONNECTIONS

POINT NAME:	CODE:	HT:
17TH3A9-17TH3A11	TOP C/L CONC FLDWALL	0.58
17TH3A12-17TH3A13	END CONC FLDWALL	"
17TH3A14-17TH3A25	TOP C/L CONC FLDWALL	"
17TH3A26-17TH3A27	END CONC FLDWALL	"
17TH3A28-17TH3A35	TOP C/L CONC FLDWALL	"
17TH3A36-17TH3A37	END CONC FLDWALL	"
17TH3A38-17TH3A48	TOP C/L CONC FLDWALL	"
17TH3A49-17TH3A50	END CONC FLDWALL	"
17TH3A51-17TH3A55	TOP C/L CONC FLDWALL	"
ESSEX	CHK	6.768

Jan 16, 2006

50

REMARKS:

LONDON CANAL BRIDGE @ ROBERT E. LEE

RTK LOG - X-SECTIONS

BASE LOCATION LOND
 LAT 30 01 17.19974 N
 LONG 90 04 15.38322 W
 HT
 N 555491.474 FT
 E 31680327.120 FT
 EL 8.856 FT
 REC. TYPE TRIMBLE 4000 SE
 REC. S/N A927
 ANT TYPE TRIMBLE COMP L1/L2 w/GRD PLANE
 ANT S/N 2A415
 ANT HT 6.768 FT = 2.063 M.
 RADIO PACIFIC CREST FREQ 414.50

POINT NAME:	CODE:	HT.:
GRAHAM RM	CHK	6.768'
7+00 DBL 535	602 NAIL	"
6+50 DBL 540	602 NAIL	"
6+00 DBL 540	602 NAIL	"
6+00A1	WES	"
6+00A2	WBK	"
6+00A3-6+00A5	NG	"
6+00A6	NG EST	"
6+00A7	FSC	"

Jan 18, 2006

(51)

REMARKS:

SHOT ON EDGE OF LIMESTONE
 (NEW LIMESTONE GRAVEL POWDERED ON TOP OF LEVY) ↗

* CONT'D ON NEXT PAGE.

LONDON CANAL BRIDGE @ ROBERT E. LEE BVIS: RTV LOG - X-SECTIONS

POINT NAME:	CODE:	HT.:
7+0016	C/L LEVÉE	6.768'
7+0017	LSC	"
7+0018-7+0019	SLP	"
7+00110	LST	"
7+00111-7+00112	NG	"
7+00113	TOE	"
7+00114	SLP	"
7+00115	TOP	"
7+00116	NG	"
7+00117	TOP OF CURB	"
7+00118	TOE OF CURB	"
7+00119	F ROAD	"
7+00120-7+00121	ON ROAD	"
7+00122	C/L ROAD	"
7+00123-7+00124	ON ROAD	"
15+50 DBL 563	602 NAIL	"
16+00 DBL 556	602 NAIL	"
15+50 DBL 550	602 NAIL	"
15+50A1	WES	"
15+50A2	TBK	"
15+50A3	NG	"
15+50A4	TOE CONC FL WALL	10.778'
15+50A5-15+50A6	EDGE TOP CONC FL WALL	0.58' 0.30
16+00A1	WES	10.778'

Jan 18, 2006

(54)

REMARKS:

(EDGE OF LIMESTONE GRAVE)

* CONT'D ON NEXT PAGE.

17TH STREET CANAL

RTK LOG - X-SECTIONS

BASE LOCATION	U149	1996 RESET
LAT	30 01	08.36778 N
LONG	90 05	52.62417 W
HT.		
N	554506.181	
E	3671789.168	
EL		
REC. TYPE	TRIMBLE 4000SE	
REC. S/N	4927	
ANT. TYPE	TRIMBLE COMP L ₁ / L ₂ w/ GEO PLANE	
ANT. S/N	24415	
ANT. HT	6.768 FT. = 2.063 M	
RADIO	PACIFIC CREST FREQ. 464.50	

POINT NAME:	CODE:	HT.
ORL3	CHK	6.768'
4+50 DBL -15	602 NAIL	"
5+00 DBL -15	602 NAIL	"
5+50 DBL -17	602 NAIL	"
5+50A1	LSC	"
5+50A2	C/L LEVEE	"
5+50A3	ON LEVEE	"
5+50A4	TOE CONC FLOWALL	"
5+50A5-5+50A6	TOP CONC FLOWALL	"

Jan 19, 2006

(56)

REMARKS:

17TH STREET CANAL

Jan 19, 2006

(57)

POINT NAME	CODE:	HT:
5+50A7	TOE CONC FLOWALL	70.78
5+50A8	EDGE TOP RIP RAP	"
5+50A9	TOP RIP RAP	"
5+50A10	WES	"
5+00A1	WES	"
5+00A2	TOP RIP RAP	"
5+00A3	TOP EDGE RIP RAP	"
5+00A4	TOE CONC FLOWALL	"
4+50A1	TOE CONC FLOWALL	"
4+50A2	TOP EDGE RIP RAP	"
4+50A3	TOP RIP RAP	"
4+50A4	WES	"
4+50A5-4+50A6	TOP CONC FLOWALL	6.768
5+00A5-5+00A6	TOP CONC FLOWALL	"
5+00A7	TOE CONC FLOWALL	"
5+00A8	ON LEVEE	"
5+00A9	C/L LEVEE	"
5+00A10	LSC	"
4+50A7	TOE CONC FLOWALL	"
4+50A8	ON LEVEE	"
4+50A9	C/L LEVEE	"
4+50A10	LSC	"
4+50 DBL -15	60d NAIL	"
4+50 DBL -15	60d NAIL	"

REMARKS:

* CONT'D ON PAGE 60.

17TH STREET CANAL:

POINT NAME:	CODE:	HT.:
15+00 DBL -15	602 NAIL	6.768
14+00A1	FL	"
14+00A2	LSC	"
14+00A3	C/L LEVEE	"
14+00A4	ON LEVEE TOE CONC FLOWALL	"
14+00A5		6.768'
14+50A1	FL	"
14+50A2	LSC	"
14+50A3	C/L	"
14+50A4	TOE CONC FLOWALL	"
15+00A1	FL	"
15+00A2	LSC	"
15+00A3	C/L LEVEE	"
15+00A4	TOE CONC FLOWALL	"
14+00A5-14+00A6	TOP EDGE CONC FLOWALL	"
50A5- 14+00A7 14+50A6	TOP CONC FLOWALL	"
14+00A7	TOE CONC FLOWALL	10.78
14+00A8	TOP EDGE RIP RAP	"
14+00A9	TOP RIP RAP	"
14+00A10	WES	"
14+50A7	WES	"
14+50A8	TOE CONC FLOWALL	14.78
15+00A5	TOE CONC FLOWALL	"
15+00A6-15+00A7	TOP CONC FLOWALL	6.768

Jan 19, 2006

(60)

REMARKS:

* CONT'D ON NEXT PAGE

17TH STREET CANAL

POINT NAME:	CODE:	Ht.:
14+50A9-14+50A10	TOP CONC. FLOWLINE	6.768'
ORL3	CHK	6.768'

Jan 19, 2006

(61)

REMARKS:

17TH STREET CANAL

X @ 14+00 DBL -15

BS

X

WT

15+00 DBL -15

00-00-00

4.95

STA.

CODE:

NET

14+00 A11-A26

6.11

15+00 DBL -15 CHECK 359-59-56

Jan 19, 2006

(62)

BS	π @	14+50	DBL-15	
			⌘	ALT
14+00	DBL-15		00-00-00	5.20
STA				
14+50	A11-A14			6.11
14+50	A15-A17			15.57
14+50	A18-			10.75 15.57
14+50	DBL-15	CHECK	359-59-44	

