

TFG FILES INVENTORY

DATE: 12-15-05

Box Number: 49285541

Alternate Number: 15

Other Identification: LN191

Contents Associated With:

1. Contract DACW29-94-C-0079; 1180-1-1q; Daily Logs; Lk. Pontchartrain; LA & VIC, HLP, London Avenue. Outfall Canal Mirabeau; Section B, Folder 5, Item 37b.

A0006561
A0006562
A0006571

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A0006561
A0006562
A0006571

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR A0006561

REPORT NUMBER
278

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Wednesday
31 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100%	100%	100%	100%	100%

TEMPERATURE	
MINIMUM	MAXIMUM
40°	58°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
Trace	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-11½ hrs	1-11½ hrs	

Canal RIVER STAGE	
FEET	TIME
1.80'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-31 hrs	13-140 hrs	13-135 hrs	29-306	0700 M	1900 M	M	M	M	M

NUMBER OF SHIFTS

1 2 3

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; STRUCTURAL EXCAVATION
b. _____
c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

a) Wrecked forms; Set forms & placed concrete for I-Wall Monoliths; Excavated for Stab Slabs; Cut-off existing MP-112 sheet piles; Rubbed surfaces of New I-Wall Monoliths; Curing; Set resteel; and Welded #6 rebar to sheet piles.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19, 24 & 29 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08, 18, 25, 26 & 30 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K only this date. No other contractors worked this date. See attached CQC Report.

PERCENT PROJECT COMPLETE: 57.7%

PERCENT TIME ELAPSED: 81.9%

DATE SET FOR COMPLETION: 28 MAY 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #78 and W. Mono #07 after forms were removed and noted no major surface defects. Performed Pre-Placement Inspections on E. Mono #77, and W. Monos #11 & #13 this date, prior to placement of concrete (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete into forms for each of the above mentioned I-Wall Monoliths. Noted that concrete was not allowed to drop more than 5' by use of trimmie chutes, was placed in lifts of less than 18", and was well vibrated (spare vibrator is on hand). Noted that tie-rod holes in W. Mono #07 and E. Mono #78 were packed with dry-pack mortar as required and were also covered with wet burlene blankets for curing. Noted that B&K set wall stem resteel mats for each of the above mentioned monoliths placed this date (mats were pre-tied by Arcadia). Observed finishers rubbing F/S surfaces of E. Monos #155 & #156, and W. Monos #167 thru #171. Noted that #6 rebars were welded to the tops of all sheet piles for cathodic protection for E. Mono #77 this date.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL SHEET)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	10½ hrs.	QAR

SAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all oxygen/acetylene torch sets (2) being used this date, to have properly installed anti-flow back check valves.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

05 FEB 96

SUPERVISOR'S INITIALS

gnd

DATE

2/7/96

QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 278

DATE Wed. - 31 Jan 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

SELECTIVE DEMOLITION: Noted B&K has cut-off the existing MP-112 sheet piles from between approx. EB/L Sta's 91+85 and 92+20, at approx. elev. +3.5' or approx. 1' below final backfill dirt elevation.

STRUCTURAL EXCAVATION: Observed B&K excavating for stab slabs between EB/L Sta's 91+70 and 91+90, to a bottom elev. of +2.20'. Excavated fill material being spread on the existing levee crown at adjacent stations.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:
NONE

REMARKS:
NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FC CHECK OUT FOR

STRUCTURE REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 11

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 1-31-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	1-31-96	1:00	ZOB	1-31-96	1300
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	1-31	1:00	ZOB	1-31-96	1300
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	1-31	1:05	ZOB	1-31-96	1305
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	1-31	1:10	ZOB	1-31-96	1310
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JMD	1-31-96	1:10	ZOB	1-31-96	1310
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.80'	✓	"	"	✓	✓	✓
WIDTH 1.75-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JMD	1-31	1:15	ZOB	1-31-96	1315
G. SAFETY (LIST)	JMD	1-31	1:15	ZOB	1-31-96	1315
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JMD	1-31	1:20	ZOB	1-31-96	1315
FL-400 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:40	2.5				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	gasoline	"	"				

J. REMARKS SLUMP = 4" and 3 1/2" ; AIR ENTR. = 5.2% + 4.8% ; CONCRETE TEMPS = 59° ;
 AIR TEMPS = 49° ; 3 Test Cylinders (LA-130)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M Justice* C.O.E. REPRS: *Fred Lubart*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

STRUCTURE
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.
 CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 13
 LIFT NO. ONE
ELEVATION from 3.00 to 14.40
DATE OF POUR 1-31-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i> ✓	1-31-96	4:00	<i>ZJB</i> ✓	1-31-96	1600
VERTICAL		"	"		✓	✓
ALIGNMENT		"	"		✓	✓
CLEANLINESS		"	"		✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmj</i> ✓	1-31	4:00	<i>ZJB</i> ✓	1-31-96	1600
CLEANLINESS		"	"		✓	✓
WATERED		"	"		✓	✓
WATERJET (JOINT)		N/A	N/A		N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i> ✓	1-31	4:05	<i>ZJB</i> ✓	1-31-96	1605
VERTICAL		"	"		✓	✓
HORIZONTAL		"	"		✓	✓
SPACING		"	"		✓	✓
CLEARANCES		"	"		✓	✓
STEEL SCHEDULE		"	"		✓	✓
SHOP DRAWINGS		"	"		✓	✓
TIE WIRES		"	"		✓	✓
#6 BAR WELDED		"	"		✓	✓
CLEANLINESS		"	"		✓	✓
WATERED	"	"	✓	✓		
E. FORMWORK	<i>Jmj</i> ✓	1-31	4:10	<i>ZJB</i> ✓	1-31-96	1610
CONDITION		"	"		✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	1-31-96	4:10	ZJB	1-31-96	1610		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.86'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JmJ	1-31	4:15	ZJB	1-31-96	1615		
G. SAFETY (LIST)	JmJ	1-31	4:15	ZJB	1-31-96	1615		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder + Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	1-31	4:15	ZJB	1-31-96	1615		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Kaehring 405	1	Crane	4:35	1.5				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3.5" + 4.0" ; AIR ENTR. = 5.2% + 4.8% ; CONCRETE TEMPS = 40° ; AIR TEMPS = 45° ; 3 Test Cylinders (LA-130)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: [Signature]				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FC CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.
 DACW29-94-C-0079

MONOLITH
 East # 77

LIFT NO.
 ONE

ELEVATION
 from 2.50 to 14.40

DATE OF POUR
 1-31-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	1-31-96	12:30	ZJB	1-31-96	12:40
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	1-31	12:30	ZJB	1-31-96	12:40
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	1-31	12:35	ZJB	1-31-96	12:40
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	1-31	12:40	ZJB	1-31-96	12:45
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmg	1-31-96	12:40	ZJB	1-31-96	1245
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.40'	✓	"	"	✓	✓	✓
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmg	1-31	12:45	ZJB	1-31-96	1250
G. SAFETY (LIST)	Jmg	1-31	12:45	ZJB	1-31-96	1250
1. Eye Protection	✓	"	"	✓	✓	✓
2. Ladder	✓	"	"	✓	✓	✓
3. Scaffold	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-31	12:50	ZJB	1-31-96	1250
EXD Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	2:00	1 1/4				
Bucket	1	10' C/P	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" + 3 1/2" ; AIR ENTR. = 5.2% + 4.8% ; CONCRETE TEMPS = 60° ;
 AIR TEMPS = 49° ; 3 Test Cylinders (LA-130)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zarell August*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/31/96

REPORT NO.: 347

SKIES: Cloudy

RAIN: Trace IN. TEMP.: 40 MIN 58 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (1.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono #78 and West Mono, #7, patched tie-bolt holes and covered these walls with wet burlene blankets. Set forms and placed concrete at East Mono #77, and at West Mono's #11 and #13 today. (B+K Const. personnel had to set top re-steel mats at all three monoliths poured today due to the absence of Arcadia Rebar.) Performed struct. excavation from East B sta. 91+90 to sta. 91+70. Cut holes for rebar in AZ-18 sheet piles at East Mono #76. Cut off existing MP-112 sheet piles one foot below FIN. Grade from East B sta. 92+20 to sta. 91+85. Laborers cleaned mud off public streets at Thirabeau and Filmore Avenues, and covered I-Wall Monoliths poured today with blankets for cold weather protection. Cement finishers completed repairs at East Mono #156 and #155 (Canal side); this completes finishing work on the reach between R.E. Lee Blvd. and Pump. Sta. #4. Also continued finishing work on West Mono's #167 through #171 (Canal Side). Welded #6 bar on top of AZ-18 sheet piles at East Mono, #77 prior to placing forms.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	135	B+K Const.	Wrecking + setting up I-wall forms;
13	Skilled	140	"	Placing I-wall concrete; curing I-wall
2	Supt.	21	"	concrete; Cold weather protection for
1	Q.C. Rep.	10	"	I-wall concrete; Setting re-steel
				top mats in place; Structural exci;
				Cutting holes for rebar; Cutting off
				existing sheet piles; Finishing I-wall
				concrete; Cleaning mud off of
				Public Streets
				(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	6	4	—
Koehring 405 Crane	—	yes	8	2	—
J.S.W. Excavator	—	yes	1	7	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu Excavator #1	—	yes	5	5	—

MATERIALS RECEIVED

Received 34 cubic yards of concrete for West Mono's #11 and #13, and 19 c.y. of concrete for East Mono, #77. All of this material was Lafarge Concrete Company's mix Design #44-C. Copies of delivery tickets were furnished to the Project Inspector.

Also received steel forms and hardware to assemble another I-wall form panel (one side only). Stored this material in the Pratt Drive staging area.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested and inspected the concrete (mix #44-C) delivered by Lafarge Concrete Company today. The test results are documented on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked formwork and embedded items at East Monolith #77 and West Monoliths #11 and #13. The stainless steel anchor bolts for Permanent Feeder Line Relocation were installed properly at all three Monoliths. Three bulb waterstop was installed according to the contract drawings on all three wall forms. Re-steel horizontal and vertical bars were installed with correct spacing, clearances, and bar counts. At West Monolith #13, one horizontal bar had to be trimmed back approx. one inch, to give 3" clearance at the Northern end bulkhead. No other problems with reinforcing steel were found. Form condition, alignment, plumbness, and elevations were checked prior to concrete placement. Minor adjustments were necessary on East Monolith #77 to correct form alignment. Carpenters checked and adjusted alignment and plumbness before, during, and immediately after placement of concrete. No deficiencies were observed.

JOB SAFETY

Checked burning and welding workers for proper safety equipment. Welder wore approved shield and lenses. Burner wore approved burning goggles and lenses. A 5 lb. ABC Fire Extinguisher was on hand in the work area while welding and burning took place. Flammables were removed from these work areas before starting hot work.

REMARKS

BTK Construction Company drafted a letter to the U.S. Army Corps of Engineers and the Orleans Levee Board today stating that we have been delayed by the resident at 5245 Pratt Drive in trimming tree limbs off of a live oak at that address. The resident threatened legal action against BTK Const. and Bayou Tree Service. We have been instructed by the US Army C.O.E. to proceed with tree trimming work. This letter was written to document what has transpired and also to avoid any further delays.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

2-1-96
Date

B X CONSTRUCTION COMPANY, INC.
LONDON, AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 1-31-96

Pour Location West I-Wall Monoliths #11 and #13; East Monolith #77.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 P.S.I. at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
306051	1:40	2:35	3.0 ^o	5 gal	3.5 x	59° 49°	5.2	3	1:50	9
306123	3:15	4:00	4.0 ^o	0	4.0 ^o	59° 50°	-	-	3:30	8
306069	2:00	2:23	2.0 ^o	15 Gal	3.5 ^o	60° 49°	-	-	2:10	10
306095	2:30	3:15	3.5 ^o	5 Gal	4.0 x	60° 49°	4.8	-	3:00	9
306143	4:36	5:25	2.5 ^o	10 Gal	3.5 ^o	60° 45°	-	-	4:40	9
	5:35	6:30	2.5 ^o	15 Gal	4.25 ^o	58° 44°		-	5:45	8

Test Cylinder Set #LA-130

NOTE: "x" = Acutal Slump Determination
"o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

277

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE

Tuesday
30 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER

DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER

Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50%	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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MINIMUM 60°	MAXIMUM 76°
----------------	----------------

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES Trace	ENDING 0730	M
-----------------	----------------	---

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-2 hrs	OFFICE	LAYOUT	INSPECTION 1-9½ hrs	TOTAL 2-11½ hrs	LABOR
------------------------	--------	--------	------------------------	--------------------	-------

FEET 2.00'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-28 hrs	SKILLED 15-125 hrs	LABORERS 14-125 hrs	TOTAL 32-278	FROM 0700 M	TO 1730M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; COFFERDAM; SELECTIVE DEMOLITION
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a) Set forms & placed concrete for W. Mono #07; Cut-off existing MP-112 sheet piles; Pulled temporary cofferdam sheet piles; Rubbed I-Wall surfaces.
- b) Set wall stem resteel for W. Mono #07; Set bottom resteel for W. Mono #17; Pre-tied 2-sets of wall stem resteel mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19, 24 & 29 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08, 18, 25, 26 & 30 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K and Arcadia this date. However, work day schedule was hampered by wet ground conditions from previous rainfalls.

DATE SET FOR COMPLETION: 28 MAY 96 PERCENT PROJECT COMPLETE: 57.4%
PERCENT TIME ELAPSED: 81.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- TEMPORARY COFFERDAMS: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed a Pre-Placement Inspection on W. Mono #07 prior to placement of concrete this date (see attached LMN Form 1246). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for W. Mono #07 this date. Noted concrete was not allowed to drop more than 5' by use of trimmie chutes, was placed in lifts of less than 18", and was well vibrated. Observed finishers rubbing F/S surfaces of W. Mono #170 and E. Mono #157.

TEMPORARY COFFERDAMS: Observed B&K pulling temporary cofferdam sheet piles from between EB/L Sta's 95+00 & 96+50, after moving the temporary sandbag closure to approx. EB/L Sta. 93+00.

SELECTIVE DEMOLITION: Noted B&K has cut-off the existing MP-112 sheet piles from between EB/L Sta's 95+20 & 95+45, to an elev. of approx. +3.50' (1' below final dirt grade).

RESTEEL INSTALLATION: Checked installation of resteel for the bottom section of W. Mono #17, and the top (wall stem) section of W. Mono #07. Found all required resteel properly set, tied and spaced in accordance with approved shop drawings and steel schedules. Also noted that Arcadia had pre-tied 2-sets of wall stem mats for future installation.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted ~~not submitted~~) for this (date ~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	8½ hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all personnel working in vicinity of concrete placement this date, to be wearing safety glasses, steel-toed boots, and hard hats.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 31 Jan 96	SUPERVISOR'S INITIALS MP gaw	DATE 2/6/96
---	-------------------	------------------------------------	----------------

QAR # 277

DATE: Tue. - 30 Jan 96

* Corrected due to an error in calculations

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	80.6%	-0-	80.6%	80.6%
03	SELECTIVE DEMOLITION	L.S.	L.S.	39.7%	0.2%	39.9%	39.9%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100%	-0-	100%	100%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	43.1%	-0-	43.1%	43.1%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	81.0%	-0-	81.0%	81.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100%	-0-	100%	100%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF*	140544.23	-0-	*140544.23	74.8%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	475.06	-0-	475.06	46.5%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	54.5%	0.3%	54.8%	54.8%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	57.6%	-0-	57.6%	57.6%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	9.6%	-0-	9.6%	9.6%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 1f	-0-	9315 1f	87.3%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	97.1%	-0-	97.1%	97.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2%	-0-	69.2%	69.2%
22	FENCING (CIN-02)	L.S.	L.S.	100%	-0-	100%	100%
23	VECP, WALL REALIGNMENT (CIN-06)	L.S.	L.S.	25.1%	-0-	25.1%	25.1%
24	VECP, PAYMENT FOR WALL REALIGNMENT (CIN-07)	L.S.	L.S.	25.1%	-0-	25.1%	25.1%

FC CHECK OUT FOR

STRUCTURES
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

WEST # 7

ONE

from 3.00 to 14.40

1-30-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	1-30-96	1:00	ZJB	1-30-96	1345
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	1-30-96	1:05	ZJB	1-30-96	1345
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	1-30-96	1:10	ZJB	1-30-96	1345
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	1-30-96	1:15	ZJB	1-30-96	1350
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmd	1-30-96	1:15	ZJB	1-30-96	1350		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmd	1-30-96	1:20	ZJB	1-30-96	1355		
G. SAFETY (LIST)	Jmd	1-30-96	1:20	ZJB	1-30-96	1355		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Eye Protection	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmd	1-30-96	1:20	ZJB	1-30-96	1355		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	2:10	2				
Bucket	1	1.0 cu.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3" + 3 1/4" ; AIR ENTR. = 5.8% + 5.2% ; CONCRETE TEMPS = 72° + 71° ; AIR TEMPS = 76° + 76° ; 3 Test Cylinders (LA-129) FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice			C.O.E. REPRS:				ZJB
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed concrete placement
for west side mono #7 between Mirabeau &
Filmora. Vibrators used to consolidate concrete
inside of forms & trammers used to limit
drop to less than 5'. All personnel wearing
hard hats & safety shoes when working
on-site.

Instructions to COC/Remarks: N/A.

Chris Wagner
Name

Proj Engr
Title

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/30/96

REPORT NO.: 346

SKIES: Fog A.M. - Drizzle
 Cloudy P.M.

RAIN: Trace IN. TEMP.: 60° MIN 76° MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (2.0) NOISE: Moderate

* Too Wet for Trucks
 50% Lost Production

WORK PERFORMED/LOCATION

B+K Construction - Set forms and placed concrete at West Monolith #7 today. Worked on sheet pile corner pieces for tie-in at West B Sta. 84+54. Moved temporary Cofferdam sand bag closure to East B Sta. 93+00, and pulled up temporary Cofferdam sheet piles from East B Sta. 96+50 to Sta. 95+00. These temporary sheets were stacked on the levee to be moved up and re-driven for Temp. Flood Protection. Cut off MP-112 Sheet piles one foot below Fin. Grade from East B Sta. 92+45 to Sta. 92+20. Cement finishers completed repairs on East Monolith #157 and West Mono #170.

Arcadia Rebar - Tied reinforcing steel at West Monolith #7 (top only), and pre-tied 2 more top mats here. Also tied bottom re-steel at West Mono. #17.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	125	B+K Const.	Forming & Pouring I-wall; Pulling
12	Skilled	110	"	Temp. Cofferdam sheets; Cutting
2	Supt.	20	"	off existing MP-112 Sheet Piles;
1	Q.C. Rep.	8	"	Finishing concrete wall surfaces;
				Working on Sheet Pile Corner Pcs. (See Above)
3	Skilled	15	Arcadia Rebar	Tying Reinforcing steel for I-Wall (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes			
Koehring 405 Crane	—	yes	7	3	—
J.S.W. Excavator	—	yes	1	7	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #1	—	yes	3	5	—

MATERIALS RECEIVED

Received 17 cubic yards of concrete (Mix #44-c by Lafarge Conc. Co.) for West I-Wall Monolith #7 today. Delivery tickets were furnished to the Project Inspector.

TESTS PERFORMED

(As required by plans/specifications)

B&K Construction Company personnel tested and inspected concrete material received from Lafarge today. Results of these inspections are documented on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected formwork and re-steel on West Monolith #7 prior to concrete placement today. Scaffold handrails mid-rails and toe boards were all in good condition. Form alignment was correct; verified by measuring from our offset lines to edge of concrete, then forms were plumbed by plumb-bob method to bring the top of forms into correct alignment. Re-steel clearances were checked and found to be $2\frac{1}{2}$ " to $3\frac{1}{2}$ " at all points. Waterstop was centered in the form at each end and extended from 3" above btm. of wall to 6" below top of wall.

JOB SAFETY

Checked sheet pile pulling operation today. A flagman was provided to direct the crane operator. Hard hats and steel toe boots were being worn by all workers. Slings and shackles were in good condition.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-31-96

Date

B & K CONSTRUCTION COMPANY, INC.
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-30-96

Pour Location West I-Wall Monolith #7

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 PSI
at 90 days

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
305764	2:10	3:15	2.0o	10 Gal	3.0x	72°	76°	5.8	3	2:30	9
305784	3:20	4:00	2.0o	10 Gal	3.25x	71°	76°	5.2	-	3:35	8

REMARKS: Test Cylinder Set #LA-129

NOTE: "x" = Acutal Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

276

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Sat., Sun. & Mon.
27, 28 & 29 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Mild with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0 %	0 %	0 %	0 %	0 %

MINIMUM	MAXIMUM
60°	74°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES Mon.	ENDING
0.35"	0730

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-7 hrs	1-7 hrs	

FEET	TIME
2.70'	0800

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-19 hrs	14-35 hrs	14-40 hrs	31-94 hrs	0700 M	1530 M	M		M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - NO PROGRESSIVE WORK THIS PERIOD.
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) No progressive work this period.
- b) Set & drove 21 pcs of CZ-101 X 21'-9" sheet piles

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19, 24 & 29 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08, 18, 25 & 26 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor work being performed by B&K, and little progressive work was performed by Gill on Mon., 29 Jan 96, due to rain. No work was scheduled for 27 & 28 Jan 96 due to wet ground conditions.

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT PROJECT COMPLETE: 57.3%
PERCENT TIME ELAPSED: 81.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase this date:
STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspection was performed this date:

STEEL SHEET PILES: Observed subcontractor Gill's Crane Service stabbing and driving 21 pcs. of CZ-101 X 21'-9" steel sheet piles to a top elev. of +5.75', except at monolith joints, where 4 piles at each mono joint were driven to a top elev. of +5.00' as required, between WB/L Sta's 84+18.15 and 84+56.10. All piles were driven plumb and on proper alignment.

QUALITY CONTROL: Contractor provided adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~date~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	6 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor held Weekly Safety Meeting on Mon., 29 Jan 96. See attached minutes for topics discussed and personnel attending.

Noted personnel working in vicinity of the pile driving operations to be wearing hard hats, steel-toed boots, and hearing protection.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 30 JAN 96	SUPERVISOR'S INITIALS 	DATE 2/7/96
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Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	80.6%	-0-	80.6%	80.6%
03	SELECTIVE DEMOLITION	L.S.	L.S.	39.7%	-0-	39.7%	39.7%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100%	-0-	100%	100%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	43.1%	-0-	43.1%	43.1%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	81.0%	-0-	81.0%	81.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100%	-0-	100%	100%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	139721.25	823.98	140545.23	74.8%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	475.06	-0-	475.06	47.5%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	54.5%	-0-	54.5%	54.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	57.6%	-0-	57.6%	57.6%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	9.6%	-0-	9.6%	9.6%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 1f	-0-	9315 1f	87.3%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	97.1%	-0-	97.1%	97.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2%	-0-	69.2%	69.2%
22	FENCING (CIN-02)	L.S.	L.S.	100%	-0-	100%	100%
23	VECP, WALL REALIGNMENT (CIN-06)	L.S.	L.S.	24.5%	0.6%	25.1%	25.1%
24	VECP, PAYMENT FOR WALL REALIGNMENT (CIN-07)	L.S.	L.S.	24.5%	0.6%	25.1%	25.1%

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/29/96

REPORT NO.: 345

SKIES: cloudy- Rain

RAIN: 0.35" IN. TEMP.: 60 MIN 74 MAX

DUST: NONE

LEVEE CONDITION: Wet CANAL GAUGE: (2.7) NOISE: Moderate

100% Lost Production - Rain out 8:00 AM. WORK PERFORMED/LOCATION

①

B+K Construction - Moved Mantis Crane back to the work area between P.S. #4 and Filmore Avenue, Moved the Komatsu Dozer to the same reach, and worked on grading and drying out Temp. Access Road. Began modifying the sheet pile connection corners to fit the field conditions at West B Sta. 70+47. Moved one steel I-wall form to the East Bank reach between Filmore and P.S. #4, cleaned mud off of streets at Filmore and Mirabeau Avenues.

②

Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 84+18.15 to Sta. 84+56.10 (21 pieces at 21'-9" long each piece). This completes the pile driving work on this reach, except for the tie-ins to existing floodwall at each end.

1-27-96 Saturday - No work performed
 1-28-96 Sunday - No work performed

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	35	B+K Const.	Moving steel forms and
12	Skilled	25	"	equipment; working on sheet
2	Supt.	14	"	pile corner pieces for tie-in;
1	Q.C. Rep.	5	"	Working on Temp Access Road;
				Cleaning mud off public
				Streets, (See Above)
2	Skilled	10	Gill's Crane	Driving CZ-101 sheet piles
1	Unskilled	5	"	for I-wall (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	5	3	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	Yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	5	3	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	2	6	—
Koehring 405 Crane	—	Yes	2	6	—
J.S.W. Excavator	—	Yes	1	7	—
Welding Machine	—	NO	0	8	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc. #1	—	Yes	2	6	—

MATERIALS RECEIVED

None Received Today.

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile driving operations near West B Sta. 84 + 30. Results of these tests are reported to the Orleans Levee Board. No excessive vibration levels were recorded, per Delta's on site technician.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected cz-101 sheet piles driven today on the West Bank. Alignment was found to be correct, plus or minus 0.12' each way. Plumbness was within 0.01' per foot in both planes. Cut-off elevation was +5.75 plus or minus 0.10'. Length of monoliths were 28.87', plus or minus 0.10'. All interlocks were fully engaged for the full length of the piles. No obstructions were encountered during today's pile driving work.

JOB SAFETY

The weekly safety meeting was held today at the Pratt Drive Staging Area. Find minutes of the meeting attached to this report.

Checked pile driving crew for hard hats - all three men wore hard hats while in the work area. Ground release sheet shackles were inspected, and found to be in good working condition.

REMARKS

* Too wet for any productive work or any trucks on the level today. 100% Lost Production.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice

Authorized Q C Representative

1-30-96

Date

MINUTES OF SAFETY MEETING

DATE: 1-29-96

TIME: 7:00 AM

PROJECT: London Avenue Canal Floodwall
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

DR. STEPHEN AND
Richard Elliott
Eve Baker
Nashamuel Bass
Chickie Dutton
Robert Brown
Alonso Fields
Arthur Wood

Frank Bernard
Quinn Brown
Edith Gray
Matt Suttles
John Watt
John Conlin
Raymond Verdun
John Copeland
Steve Johnson
James Kelsatnik
Dell King
Jerry Justice

TOPICS DISCUSSED:

Barry A. El
Barrel Jones PC
John Vinson
GEN M. WEAVER

Bennett Shan
Boase Johnson

Discussed crane safety around electric power lines. Reviewed safety tips set forth by Arkansas Power + Light Company. Discussed safe working limits: minimum distance is 10' for low voltage lines, and as much as 25' for extreme high voltage lines. Job supervisors must survey the work area and prepare a plan for safe work around live power lines, prior to starting any work.

COMMENTS:

Operators were asked for their comments and suggestions. One suggestion to improve crane safety was to assign only one man to flag or signal the crane operator. More than one signalman causes confusion, and creates accidents. Also, the operators reminded workers that electrical energy can jump or are further in wet or foggy conditions.

[Signature]
CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

275

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Friday
26 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Mild with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50%	50%	50%	50%	50%

MINIMUM	MAXIMUM
62°	78°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION
INCHES 1.70" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-8 hrs	1-8 hrs	

FEET	TIME
2.40'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-27 hrs	17-125 hrs	16-128 hrs	36-280	0700 M	1630M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Rubbed F/S of W. Mono #170, and E. Monos #158 & #159; Cut holes for resteel installation in sheet piles for W. Monos #16 thru #19; Hauled off existing concrete caps from west levee.
- b) Drove 90 pcs of CZ-101 X 21'-9" sheet piles.
- c) Set bottom resteel for E. Mono #77 and W. Mono #15, and pre-tied 1-set of wall stem mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19 & 24 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08, 18, 25 & 26 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this date by B&K, Gill and Arcadia. However, light rain showers hampered contractors operations throughout this date. Heavy rains fell after 1800 hrs. this date.

* Revised Completion Date & % Time Elapsed due to
Time Extension by Mod #A00005, CIN-08
DATE SET FOR COMPLETION: *28 May 96
PERCENT PROJECT COMPLETE: 57.2%
PERCENT TIME ELAPSED: *81.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.
- STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed B&K cutting holes in steel sheet piles approx. 2½" above stab slabs, for W. Monos #16 thru #19, for the installation of resteel. Observed finishers rubbing F/S of W. Mono #170 and E. Monos #158 & #159 this date.

SELECTIVE DEMOLITION: Observed B&K hauling previously cut off existing concrete caps off of the jobsite, between WB/L Sta's 75+00 and 75+80.

STEEL SHEET PILES: Observed Gill stabbing and driving approx. 70 of the 90 pcs of CZ-101 X 21'-9" sheet piles, between WB/L Sta's 82+55.74 and 84+18.15, to a top elev. of +5.75', except for 4 piles at each monolith joint where these 4 piles were driven to a top elev. of +5.00' as required. All piles were found to be on proper alignment and were within tolerance horizontally and vertically. Also all interlocks were properly engaged.

RESTEEL INSTALLATION: Checked and found Arcadia had properly installed all required bottom resteel for E. Mono #77 and W. Mono #15, and for 1-set of wall stem mats. All resteel was set and spaced in accordance with approved shop drawings and steel schedule.

QUALITY CONTROL: Contractor is providing adequate quality control.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NOTE: Mr. Danny Breaud of 5245 Pratt Drive is now complaining of cracks in his walls and ceilings of his house. Delta Testing has a vibration monitor set up between Mr. Breaud's house and the existing levee. The monitor was questioned and he stated that he was receiving no excessive vibrations this date. Mr. Breaud stated that he was going to notify the Orleans Levee Board of his complaint.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found slings being used to handle forms this date, to be in good condition (no fraying, separating or flat-spots).

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

29 JAN 96

SUPERVISOR'S INITIALS

WJ

1/31/96

DATE

1/30/96

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/26/96

REPORT NO.: 344

SKIES: Cloudy-Rain

RAIN: 1.7

IN. TEMP.: 62 MIN 78 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (2.4) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Rain hampered productive work today, but heavy rains did not come until after 6:00 pm. Moved steel I-wall forms from East Bank to West Bank, and hauled off concrete cap sections from demolition work on the West Bank. Sandblasted coal tar off of existing AZ-18 sheet piles on the East Bank, and performed general cleanup between Filmore Ave. and Pump Sta. #4. Cut holes for rebar at West Monoliths #16, #17, #18, and #19. Cement finishers completed repairs on East I-wall Monoliths #159 and #158 (Canal Side) and West Monolith #170 (Canal Side).

Gill's Crane Service - Drove C2-101 sheet piles from West P Sta. 82+55.74 to Sta. 84+18.15 (90 pcs. at 21'-9" long each).

Arcadia Rebar - Tied bottom reinforcing steel at West Mono. #15, and at East Mono. #77. Also pre-tied one top re-steel mat for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY

NO TRADE HOURS (APPROX) LOCATION/WORK DESCRIPTION

NO	TRADE	HOURS (APPROX)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	120	B+K Const.	Moving steel forms; hauling
12	Skilled	100	"	off concrete cap sections;
2	Supt.	18	"	Sandblasting coal tar epoxy
1	Q.C. Rep.	9	"	sheets; Cutting holes for rebar;
				Finishing concrete I-wall. (See Above)
2	Skilled	16	Gill's Crane	Driving C2-101 sheet piles
1	Unskilled	8	"	(See Above)
3	skilled	9	Arcadia Rebar	Tying reinforcing steel for I-wall (see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	8	0	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	Yes
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	Yes	4	4	—
Komatsu Excavator #1	—	Yes	3	5	—

MATERIALS RECEIVED

None Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile drivers today near West B Sta. 84+00. Results are reported to the Orleans Levee Board

* See "REMARKS" section.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked reinforcing steel placed at West Monolith # 15 today. Bottom steel was placed, but top section of steel will be placed later. The bottom vertical bars were spaced 12" apart or less, to miss sheet pile interlocks. Horizontal #5 bars, 28'-6" long, were spaced 9" apart. The 6 #5 bars 5'-0" long were installed horizontally as shown on Lulich Steel's Shop Drawing, as were the #4 and #5 U-Bars. #6 Bond Bars for cathodic protection had been previously welded in place. Top steel mat will be inspected after it is tied in place.

JOB SAFETY

Checked rigging used to lift steel forms today. Slings and shackles were all in good condition. Rigging methods were checked and also found to be correct. Tag lines were being used to control loads.

REMARKS

Resident at 5245 Pratt Drive complained to Delta Testing's Technician today about cracks in his walls and ceiling. MR. Danny Breaud feels that one sheet pile driving has caused these cracks in his home interior. The Orleans Levee Board will be notified of this complaint.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-29-96

Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

274

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Thursday
25 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50%	50%	50%	50%	50%

MINIMUM	MAXIMUM
40°	65°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-8 hrs	1-8 hrs	

FEET	TIME
2.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-30 hrs	15-145 hrs	16-153 hrs	34-328	0700 M	1730 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING AZ-18 SHEET PILES; STEEL SHEET PILES
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Removed existing concrete caps from site; Wrecked forms from E. Mono #79; Set forms & placed concrete for E. Mono #78; Set forms & placed concrete for slab slabs; Rubbed I-Wall surfaces; Cut holed in sheet piles for resteel; Welded #6 bars for cathodic protection.
- b) Cut off existing AZ-18 sheet piles; Drove 54 pcs of CZ-101 X 21'-9" sheet piles.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19 & 24 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08, 18 & 25 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K and Gill this date. See attached CQC Report. However, work was hampered by wet ground conditions during the first half of the work day.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 56.4%
PERCENT TIME ELAPSED: 81.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
 - CUTTING OFF EXISTING AZ-18 SHEET PILES: No instructions issued.
 - SELECTIVE DEMOLITION: No instructions issued.
 - STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES

The following QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #79 after forms were removed and noted no major surface defects. Performed a Pre-Placement Inspection on E. Mono #78 prior to concrete placement (see attached LMN Form 1246). Observed finishers rubbing F/S surfaces of E. Monos #160 & #161, and W. Mono #168, and both surfaces of E. Mono #79. Noted tie-rod holes were packed with dry-pack mortar on E. Mono #79 and this mono was covered with wet burlene.

Observed B&K cutting holes in sheet piles for resteel installation in W. Monos #02, #04 & #06. Noted B&K welded #6 rebars to tops of all sheet piles for E. Mono #78 for cathodic protection.
CUTTING OFF EXISTING AZ-18 SHEET PILES: Noted Gill had cut off the existing AZ-18 sheet piles at approx. elev. +5.25' between approx. EB/L Sta's 91+40 & 92+50.

STEEL SHEET PILES: Observed Gill driving approx. 40 of 54 pcs of CZ-101 X 21'-9" sheet piles between WB/L Sta's 81+58.30 & 82+55.74, to a top elev. of +5.75', except at mono joints where 4 piles were driven to a top elev. of +5.00' as required.

SELECTIVE DEMOLITION: Observed B&K removing existing concrete caps from jobsite this date, between WB/L Sta's 74+50 and 75+80.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL:

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	6½ hrs.	QAR

NOTE: QAR, Z. Bryant left jobsite early this date (approx. 1415 hrs.) to attend the NOAO Monthly Safety Meeting at 1445 hrs. at the New Orleans Area Office.

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Checked and found the anti-two blocking device working properly on the Mantis 3612 Crane and the Koehring 405 Crane this date.

No safety infractions were noted this date.

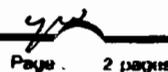
INSPECTOR'S SIGNATURE


ZANE D. BRYANT, JR.

DATE

26 Jan 96

SUPERVISOR'S INITIALS



DATE

1/31/96
1/30/96

FC CHECK OUT FOR

STRUCTURE
 REINFORC.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH EAST # 78

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 1-25-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	1-25-96	2:00	ZJB	1-25-96	1400
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	1-25	2:00	ZJB	1-25-96	1400
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	1-25	2:05	ZJB	1-25-96	1405
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	1-25	2:10	ZJB	1-25-96	1405
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	1-25-96	2:10	ZAB	1-25-96	1405
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.42'	✓	"	"	✓	✓	✓
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JmJ	1-25	2:15	ZAB	1-25-96	1410
G. SAFETY (LIST)	JmJ	1-25	2:15	ZAB	1-25-96	1410
1. Ladder	✓	"	"	✓	✓	✓
2. Rigging	✓	"	"	✓	✓	✓
3. Scaffold	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	1-25	2:20	ZAB	1-25-96	1410
Exp. Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Thomco Crane	1	3612	3:20	1 3/4				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 3.75" + 4" ; AIR ENTR. = 5.4% + 5.9% ; CONCRETE TEMPS = 59° + 60° ;
 AIR TEMPS = 63° + 58° ; 3 Test Cylinders (LA-128)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: [Signature]

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/25/96

REPORT NO.: 343

SKIES: Clear - Pt. Cloudy

RAIN: 0

IN. TEMP.: 40 MIN 65 MAX

DUST: Minimal

LEVEE CONDITION: Damp CANAL GAUGE: (2.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+k Construction - Wrecked forms at East Monolith #79. Patched holes and covered this wall with wet burlap blanket. Set forms and placed concrete at East Mono. #78. Also formed and poured stabilization slab from East B Sta. 92+45 to sta. 92+20, and from West B Sta. 74+50 to sta. 75+70. Welded #6 bar on top of AZ-18 sheet piles at East Mono #78. Cut holes for rebar to pass through sheet piles at West Monoliths #6, #4, and #2. Began hauling off concrete cap sections from Hoodwall demolition on the West Bank between sta. 70+40 and 75+80 (Not completed yet). Moved the Mantis Crane from Filmore reach to Mirabeau reach (East Bank), to move I-wall forms to the West Bank tomorrow. Cement finishers completed repairs on East Monoliths #161 and #160 (Canal Side) and West Mono's #168 and #169 (Canal Side Only).

Gill's Crane Service - Drove CZ-101 sheet piles from West B Sta. 81+58, 39 to sta. 82+55, 74 (54 pcs. at 21'-9" long each). Cut off existing AZ-18 sheet piles at elev. +5.25 from East B Sta. 92+00 to sta. 91+40.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+k Const.	Wrecking + setting up I-wall forms; placing I-wall and stab. slab concrete; Misc. cutting and welding; Removing concrete cap sections from the jobsite; Finishing I-wall concrete; Layout of work. (See Above)
12	Skilled	125	"	
2	Supt.	20	"	
1	Q.C. Rep.	10	"	
3	Skilled	20	Gill's Crane	Driving CZ-101 sheet piles; Cutting off existing AZ-18 sheet piles. (See Above)
1	Unskilled	8	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	8	0	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator + concrete Breaker	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	5	3	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #1	—	yes	5	3	—

MATERIALS RECEIVED

Received 19 cubic yards of concrete for East Mono. #78, 2 cubic yards of concrete for East Bank Slab, and 8 cubic yards of concrete for West Bank Slab (See Page #1 for Station numbers). All material was Lafarge Concrete Company's Mix Design #44-C.

Also received Reinforcing steel from Lulich Steel Company for West Mono. #2 (short Monolith to make up length).

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested concrete delivered by Lafarge Concrete Company today. Results are documented on the attached Concrete Field Data Summary Sheet.

Delta Testing monitored vibrations caused by sheet pile driving work near West B Sta. 82+00 today. Results are furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspection of formwork and embedded items at East Mono. #78 revealed the fact that no #6 bond bars had been installed prior to setting I-wall forms. The Superintendent instructed his crew to open the forms back up, tack weld the #6 bond bars in place and then Re-set I-Wall forms. No other problems were found upon pre-placement inspection. Plumbness and alignment were Re-checked after concrete was placed and only minor adjustments were needed.

Checked hole sizes at West Monoliths #6, #4 and #2. The average hole size was 1 1/2" vertically by 2" horizontally. None of the holes were over 2" maximum diameter. Holes in the web of the sheets were slotted approximately 2" vertically and 4" horizontally.

Checked #6 bond bar welds - No deficiencies were noted. Bond bars were tack welded to each piece of C2-101 sheet piles, but did not extend through the monolith joints.

JOB SAFETY

Checked ladders and scaffolds at East Mono. #78. Walk boards and scaffold brackets were in good condition. Handrails, toeboards, and midrails were in place and in good condition.

Checked canal waters for any sign of pollution from contractor's operations - None were found.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-26-96
Date

B K CONSTRUCTION COMPANY,
 LONL , AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-25-96

Pour Location East I-Wall monolith #78, Stabilization Slab,
East B 92+45 → 92+20 + West B 74+50 → 75+60.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
304974	3:20	3:45	3.0 ^o	5 gal	3.75x	59°	63	5.4	3-	3:40	7
304966	3:50	4:25	2.0 ^o	18 gal	4.0x	60°	63	5.9	-	4:00	7
304985	4:40	5:08	1.0 ^o	20 gal	4.0 ^o	60°	58°	-	-	4:45	7
304978	4:20	5:15	1.5 ^o	20 gal	4.5 ^o	59°	58°	-	-	4:35	8

REMARKS: Test Cylinder Set #LA-128

NOTE: "x" = Acutal Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

273

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Wednesday
24 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0%	0%	0%	0%	0%

MINIMUM	MAXIMUM
42°	62°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
1.05"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
3-6 hrs			1-8 hrs	4-14 hrs	

FEET	TIME
2.10'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-24 hrs	17-95 hrs	15-97 hrs	35-216	0700 M	1530 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; STRUCTURAL EXCAVATION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a) Removed existing concrete caps; Cut-off existing MP-112 sheet piles; Excavated for slab slabs; Cut holes in CZ-101 sheet piles for resteel; Sandblasted; Rubbed I-Wall surfaces.
- b) Drove 90 pcs of CZ-101 sheet piles
- c) Set bottom resteel for E. Mono #78.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19 & 24 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08 & 18 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this date by B&K, Gill and Arcadia. However, all work was hampered due to wet ground conditions from early morning heavy rains.

PERCENT PROJECT COMPLETE: 55.8%

PERCENT TIME ELAPSED: 81.6%

DATE SET FOR COMPLETION: 22 MAY 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed finishers rubbing F/S of W. Mono #167 and P/S of E. Monos #91 & #161 (surfaces). Observed B&K cutting holes in new sheet piles for the installation of resteel for W. Monos #08, #10, #12 & #14, holes were cut approx. 2½" above the stab slabs (also for E. Mono #77).

SELECTIVE DEMOLITION: B&K removed existing concrete caps from sheet piles between WB/L Sta's 75+00 and 75+80. Broke existing concrete caps into approx. 15' sections for future removal from jobsite. Checked and found that B&K cut off the existing MP-112 sheet piles at approx. elev. +3.5' between EB/L Sta's 92+45 & 92+70.

STRUCTURAL EXCAVATION: Checked and found that B&K had excavated for stab slabs between EB/L Sta's 91+90 & 92+10 to a bottom elev. of +2.20'.

STEEL SHEET PILES: Checked and found Gill had driven 90 pcs of CZ-101 X 21'-9" sheet piles between WB/L Sta's 79+95.95 & 81+58.30, to a top elev. of +5.75', except at monolith joints where 4 piles were driven to a top elev. of +5.00' as required. All piles driven true to line and within a 1½" tolerance.

RESTEEL INSTALLATION: Checked & found all required bottom resteel set for E. Mono #78.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NOTE: Col. Clow, District Commander, LTC. R. Clark, Deputy Dist. Commander, and Mr. R. Hill, Chief of Const. Div., all made a visual inspection of the jobsite this date.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. ASHLEY	Area Engineer, GM-14	1 hr.	ACO
D. DUHON	Suprv. Civ. Engr., GS-12	3 hrs.	SCE
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found back-up alarms working on both Case 580C loader/backhoes this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

26 JAN 96

SUPERVISOR'S INITIALS

YJ

DATE

11/30/95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Inspection with Col. Claus, Lt. Col. Clark, Richard Hill + Chastar Ashley was held today at the project site. A general briefing of the project was given after which a tour was given showing work that had been already completed. Due to rain, only work that was observed were the continuation of pile driving operations + breaking of existing concrete caps between Mirabau and Filmore on the west side of canal.

Instructions to COC/Remarks:

None given today

Chris Wagner
Name

Proj Engr
Title

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/24/96

REPORT NO.: 342

SKIES: Clear

RAIN: 1.05" ^{Early Morning}

IN. TEMP.: 42 MIN 62 MAX

DUST: None

LEEVE CONDITION: Wet CANAL GAUGE: (2.1) NOISE: Moderate

* Too Wet for Trucks
 50% Lost Production

WORK PERFORMED/LOCATION

- ① B+K Construction - Demolished existing floodwall from West B Sta. 75+00 to 75+80. Continued breaking concrete cap into smaller sections, to be hauled off tomorrow. Cut holes for rebar at West Monoliths #8, #10, #12, and #14; also at East Mono. #77. Cut off existing MP-112 sheet piles one foot below fin. grade from East B Sta. 92+70 to 92+45. Excavated for I-Wall construction from East B Sta. 92+10 to Sta. 91+90, and set stab. slab forms to Sta. 92+00. Cement finishers completed repairs on East Monolith #161 + #91 (Land Side Only) and West Monolith #167 (Canal Side Only). Sandblasted coal tar off of existing A2-18 sheet piles in preparation of cutting these off at elev. +5.25.
- ② Gill's Crane Service - Drove CZ-101 sheet piles from West B Sta. 79+95, 95 to Sta. 81+58, 3D (90 pieces at 21'-9" long each).
- ③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #78, and pre-tied one top re-steel mat for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	90	B+K Const.	Demolishing existing floodwall;
12	Skilled	75	"	Cutting holes for rebar; Cutting
2	Supt.	14	"	off existing sheet piles; structural
1	Q.C. Rep.	8	"	excavation; setting stab. slab
				forms; Finishing I-Wall concrete;
				Sandblasting Coal Tar (See Above)
2	Skilled	14	Gill's Crane	Driving CZ-101 Sheet Piles
1	Unskilled	7	"	(See Above)
3	Skilled	6	Arcadia Rebar	Tying Reinforcing steel for I-wall
				(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	7	1	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator + Concrete Breaker	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	2	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	3	5	—
Koehring 405 Crane	—	yes	1	7	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	yes	3	5	—
Komatsu 200 #1	—	yes	4	4	—

MATERIALS RECEIVED

None Received - Too Wet For
Concrete Trucks.

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations
caused by construction today near West B
Station 80+50. Results are furnished to the
Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the demolition of the existing floodwall today on the West Bank. The MP-115 sheet piles had already been cut off at elev. +6.75 (90% cut). The Komatsu 200 Excavator was used to hold the 40' cap sections upright while the remaining 10% of the MP-115's were cut. Next, the concrete cap was dropped and allowed to fall on the land side of the levee crown. The Kubota Excavator with concrete breaker attachment was then used to break 40' sections in half for disposal.

Also checked the holes being cut for rebar to pass through C2-101 and AZ-18 sheet piles. The layout and spacing were correct, but the hole sizes were slightly larger than required. The torch operator was informed of this, and corrected this problem. The holes falling in the web of the sheets (AZ-18's) were 2" x 6" slotted, which was 2" longer than the maximum allowed. This problem only existed on half the holes at East Mono #77. Follow up inspections will be done to insure that this does not happen again.

JOB SAFETY

Checked sheet pile driving crew for hard hats and steel toe boots. All three persons on the pile driving crew were wearing hard hats and steel toe boots today upon inspection.

Cleaned mud off Mirabeau Avenue after Rubber tire backhoe tracked mud onto the public street.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-25-96
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

272

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Tuesday
23 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 58°	MAXIMUM 73°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 2-2 hrs	OFFICE	LAYOUT	INSPECTION 1-9½ hrs	TOTAL 3-11½ hrs	LABOR	FEET 1.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-29½ hrs	SKILLED 17-145 hrs	LABORERS 16-153 hrs	TOTAL 36-327½	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; STRUCTURAL EXCAVATION; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms; Set forms & placed concrete for E. Mono #79; Placed concrete for stab slabs; Excavated for stab slabs; Installed cathodic jumpers; Cut off existing MP-112 sheet piles; Cut hole in sheet piles for resteel; Welded #6 rebars to tops of piles; Breaking concrete caps.
- b) Drove 36 pcs of CZ-101 X 21'-9" sheet piles.
- c) Set top & bottom resteel for E. Mono #79 and bottom resteel for W. Mono #13

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 19 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08 & 18 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K, Gill and Arcadia this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 55.2%
PERCENT TIME ELAPSED: 81.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- STRUCTURAL EXCAVATION: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.
- STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Monos #51 & #80 after forms were removed, and noted no major surface defects. Performed a Pre-Placement Inspection on E. Mono #79 prior to concrete placement this date (see attached LMN Form 1246). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E. Mono #79 this date. Noted that concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Checked formed & graded area for stab slab between EB/L Sta's 92+45 & 92+95, and found top of forms set at elev. +2.50' and inside of forms graded to accept +4.0" of concrete. Checked the installation of 2 cathodic jumper cables between E. Monos #75/#76 & #76/#77, and found both to be properly welded and coated with epoxy resin as required, approx. 8" below dirt elevation. Observed finishers packing tie-rod holes with dry-pack mortar and rubbing surfaces of E. Monos #51 & #80 this date.

STRUCTURAL EXCAVATION: Observed B&K excavating for stab slabs between EB/L Sta's 92+10 & 92+40 to an approx. bottom elev. of +2.2', and removing rip-rap at this location.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL SHEET)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	8½ hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor held Weekly Safety Meeting on site this date. See attached minutes.

Checked and found personnel working in the vicinity of concrete breaking operations to be wearing hearing and eye protection. Also hard hats and steel toed boots.

No safety infractions were noted this date.

11/31/96

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 25 JAN 96	SUPERVISOR'S INITIALS 	DATE 11/30/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 272

DATE Tue. - 23 Jan 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

SELECTIVE DEMOLITION: Observed B&K using a backhoe attachment to break previously removed concrete caps into approx. 15' to 20' section for future removal from site. Also observed B&K cutting off existing MP-112 sheet piles at approx. elev. +3.50', between EB/L Sta's 92+70 & 92+95 (approx. 1' below final dirt elevation).

RESTEEL INSTALLATION: Checked and found Ardacia Rebar had properly installed all required resteel for the top and bottom sections of E.Mono #79 and the bottom resteel for W. Mono #13. All resteel set, spaced and tied in accordance with approved shop drawings and steel schedule.

STEEL SHEET PILES: Observed Gill's Crane Service driving approx. 36 pcs of CZ-101 X 21'-9" sheet piles between WB/L Sta's 79+31.00 and 79+95.95 to an approx. top elev. of +5.75' except and monolith joints where 4 piles were driven to an approx. top elev. of +5.00' as required. All piles were found to be on proper alignment and within tolerance.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

ENVIRONMENTAL PROTECTION: Observed B&K providing general housekeeping throughout the jobsite areas, and in the north staging area this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

✓ CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 79

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 1-23-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	1-23-96	12:15	ZAB	1-23-96	12:30
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMD	1-23-96	12:15	ZAB	1-23-96	12:30
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	1-23-96	12:20	ZAB	1-23-96	12:35
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	1-23-96	12:20	ZAB	1-23-96	12:40
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMD	1-23-96	12:25	ZAB	1-23-96	12:40		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.40	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JMD	1-23-96	12:30	ZAB	1-23-96	12:45		
G. SAFETY (LIST)	JMD	1-23-96	12:30	ZAB	1-23-96	12:45		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JMD	1-23-96	12:35	ZAB	1-23-96	12:45		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	3612	1:50	1.75				
Bucket	1	1.0 cy	"	"				
Generator	1	Gasoline	"	"				
Vibrator	1	18' shaft	"	"				
J. REMARKS	SLUMP = 4" and 4 1/4" ; AIR ENTR. = 5.7% + 5.1% ; CONCRETE TEMPS = 70° + 70° ; AIR TEMPS = 73° + 71° ; 3 Test Cylinders (LA-127)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: Paul Stewart				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed contractor cutting and breaking existing concrete caps on west side of canal between Mirabeau + Filmore Ave. Contractor continuing to drive permanent sheet piling near Filmore Ave + observed finishers rubbing walls that were previously placed. Also observed personnel shaping + grading the existing lake embankment + doing general house keeping in preparation for tomorrow's inspection w/ Col. Ches.

Instructions to COC/Remarks: N/A.

Chris J. Wagner Proj Engr
 Name Title

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/23/96

REPORT NO.: 341

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 58 MIN 73 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (1.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked East Monoliths #51 and #80, Patched tie-bolt holes and covered three monoliths with wet burlene. Set forms and placed concrete at East Monolith #79, and in stab. Slab from East B Sta. 92+95 to 92+45. Installed bond cables at East Mono. Jts. #77-76, and #76-75, welded #6 bar on top of C2-101 sheet piles at West Mono's #5 through #19. Cut off existing MP-112 sheet piles one foot below Fin. Grade from East B Sta. 92+95 to Sta. 92+70. Cut holes for rebar at East Mono. #78. Performed structural excavation from East B 92+40 to 92+10. Began breaking concrete flood-wall cap into manageable size sections between West B 70+47 and 75+00. Moved Koehring 405 Crane and reinforcing steel from East Bank to West Bank. Surveyors set up offset lines and control elevation marks from West B 70+47 through 75+00 for I-wall construction.

Gill's Crane Service - Drove C2-101 sheet piles from West B Sta. 79+31.09 to 79+95.75 (36 pcs. at 21'-9" long each). Cut off existing AZ-18 sheet piles from East B 92+50 to 92+00.

Arcadia Rebar - Tied reinforcing steel at East Mono #79 (top + bottom) and at west mono. #13 (bottom only).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	Wrecking & setting up I-wall forms;
12	Skilled	120	"	Curing I-wall concrete; Placing concrete
2	Supt.	20	"	at I-wall and stab. Slab; Cathodic
1	Q.C. Rep.	9.5	"	Protection work; Cutting off existing
				sheet piles; structural excavation;
				Layout of I-wall work (See Above)
2	Skilled	16	Gill's Crane	Driving C2-101 sheets; Cutting
1	Unskilled	8	"	off AZ-18 sheets (See Above)
3	Skilled	9	Arcadia Rebar	Tying Reinforcing steel for
				I-wall (See Above)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	8	0	—
Komatsu D37P Dozer	—	Yes	1	7	—
Kubota 151 Excavator	—	Yes	5	3	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	Yes
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	Yes	5	3	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 #1	—	Yes	3	5	—

MATERIALS RECEIVED

Received 25 cubic yards of concrete (Lafarge Concrete Company's Mix #44-C) today. Placed 19 cubic yards of this material in East Monolith #79, and 6 cubic yards in stabilization slab see page #1 for station numbers.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction Company tested concrete delivered by Lafarge today. Results can be found on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

I-Wall Monolith #79 today. One deficient item was found upon pre-placement inspection/check out. Reinforcing steel clearance was unacceptable at the North end of Monolith #79 on the Canal side only. Only about 5' of the top steel mat was out of tolerance. Carpenters were able to pry the top mat over approx. 2", yielding a clearance of $\pm 2\frac{1}{2}$ ". No other deficiencies were observed.

Checked sheet pile cut off elevation at west B sta. 79+00 through 79+95 today. Cut off elevation was +5.75, plus or minus 0.10'. Monolith lengths were checked and found to be 28.87' plus or minus 0.10'. Centerline stakes were set to control alignment, which was within 0.15' either way from theoretical \bar{L} .

JOB SAFETY

Weekly safety meeting was held yesterday 1-22-96 at 7:00 AM, but I was accidentally omitted from the QC Daily Report. Find minutes attached to yesterday's QC Report.

Checked rigging on concrete bucket at East Monolith #79 today. All slings, shackles, and safety latches were in good condition.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-24-96
Date

B K CONSTRUCTION COMPANY,
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1.23.96

Pour Location East I-Wall Monolith # 79, and Stabilization
 slab from East B Sta. 93+45 to sta. 92+55

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
 at 90 days

TICKET NO	TIME ARRVD	TIME CMLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
304204	1:52	2:20	2.5 ^o	15 Gal	4.0 ^x	70° 73°	5.7	-3-	1:55	9
304282	2:30	3:03	3.75 ^o	5 Gal	4.25 ^x	70° 71°	5.1	-	2:40	9
304301	3:04	3:43	3.0 ^o	10 Gal	4.25 ^o	71° 71°	-	-	3:10	7

REMARKS: Test Cylinder Set # LA-127

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

271

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Sat., Sun. & Mon.
20, 21 & 22 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
-------------------------------	---------------------------	--------------------	------------------	-------------------

MINIMUM 45°	MAXIMUM 72°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 3-29½ hrs	SKILLED 19-150 hrs	LABORERS 19-158 hrs	TOTAL 41-337½	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; STRUCTURAL EXCAVATION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- d. Barnes Electric Co., Inc. - FEEDER LINE RELOCATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a) Wrecked forms; Set forms & placed concrete for E. Monos #51 & #80; Rubbed surfaces of I-Walls; Welded #6 rebars to sheet piles; Installed 2 cathodic jumpers; Excavated for stab slabs; Cut off existing MP-112 sheet piles.
- b) Drove 70 pcs of CZ-101 X 21'-9" sheet piles
- c) Installed bottom resteel for W. Monos #09 & #11
- d) Relocated temporary feeder line (FL-400) to F/S of new sheet piles

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground on 19 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08 & 18 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

No progressive work performed on 20 & 21 Jan 96 by any of the contractors. Progressive work was performed on Mon., 22 Jan 96 by B&K, Gill, Arcadia, and Barnes. See attached CQC Report.

PERCENT PROJECT COMPLETE: 54.8%

PERCENT TIME ELAPSED: 81.2%

DATE SET FOR COMPLETION: 22 MAY 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 22 Jan 96:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

FEEDER LINE RELOCATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTOR'S CQC ACTIVITIES

The following Follow-Up QA Inspections were performed on Mon., 22 Jan 96:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Monos #81 after forms were removed and noted no major surface defects. Performed a Pre-Placement Inspection on E. Monos #51 & #80 prior to concrete placement this date (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used by contractor this date (see attached Concrete Field Data Report for test results). Observed placement of concrete for E. Monos #51 & #80. Noted that concrete was not allowed to drop more than 5' by use of trimmie chutes, was placed in lifts of less than 18", and was well vibrated. Checked installation of 2 cathodic jumper cables between W. Monos #19/#20 and #20/#21, and noted that these cables were cadwelded approx. 8" below stab slab elev. of +2.65, and were properly coated with epoxy resin. Noted that #6 re-bars were properly welded to the tops of all sheet piles for W. Monos #02, #03 & #04 and E. Monos #79 & #80 as required. Noted B&K cut holes in existing sheet piles for E. Monos #79 & #80 and new sheet piles for W. Monos #09, #11, #13 & #15 for the installation of resteel. Observed finishers rubbing P/S surface of E. Mono #160 and on F/S of W. Monos #165 & #166, and both sides of E. Mono #81.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~date~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found personnel working on barges, to have properly fastened life vest.
No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

24 JAN 96

SUPERVISOR'S INITIALS

W

DATE

1/31/96
1/29/96

QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 271

DATE 20, 21 & 22 Jan 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

STRUCTURAL EXCAVATION: Checked and found B&K has excavated for slab slabs between EB/L Sta's 92+40 & 92+80, to an approx. bottom elev. of +2.2'.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 sheet piles at approx. elev. +3.5' between EB/L Sta's 92+95 & 93+45. This is approx. 1' below finish dirt grade.

STEEL SHEET PILES: Observed Gill driving approx. 70 pcs of CZ-101 X 21'-9" steel sheet piles between WB/L Sta's 78+04.72 and 79+31.00, to an approx. top elev. of +5.75', except for the 4 piles and each monolith joint. These 4 piles were driven to a top elev. of +5.00' as required. Checked and found all piles driven this date, to be within the allowable tolerance of 1½", and all were on the required alignment.

TEMPORARY RELOCATION OF FEEDER LINES: Observed Barnes Electric relocating the FL-400 feeder line from approx. 4' L/S of new piles, to approx. 5' F/S of new sheet piles, between approx. WB/L Sta's 70+40 and 75+80. No damage was noted to this feeder line during the relocation work.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

RESTEEL INSTALLATION: Observed Arcadia setting and tying all required resteel for the bottom sections of W. Monos #09 & #11 this date. All resteel set, spaced and tied in accordance with approved shop drawings and steel schedule.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FC CHECK OUT FOR

STRUCTURE

REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

East # 51

LIFT NO.

ONE

ELEVATION

from 3.00 to 14.40

DATE OF POUR

1-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	1-22-96	1:15	ZNB	1-22-96	1330
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	1-22	1:15	ZNB	1-22-96	1330
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	1-22	1:20	ZNB	1-22-96	1335
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓ N/A	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED "	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	1-22	1:20	ZNB	1-22-96	1340
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JMD	1-22-96	1:20	ZJB	1-22-96	1340
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH Tie-in Collar	✓	"	"	✓	✓	✓
WIDTH 1.75'-2.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JMD	1-22	1:25	ZJB	1-22-96	1345
G. SAFETY (LIST)	JMD	1-22	1:25	ZJB	1-22-96	1345
1. Ladder	✓	"	"	✓	✓	✓
2. Rigging	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JMD	1-22	1:30	ZJB	1-22-96	1345
Exp. Material	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Keehring 405	1	Crane	2:05	1				
Conc. Bucket	1	1.0 Cy	"	"				
Conc. Vibrator	1	18' shaft	"	"				
Generator		Gasoline	"	"				

J. REMARKS
 SLUMP = 3 1/2" ; AIR ENTR. = 5.4% ; CONCRETE TEMPS = 62° ;
 AIR TEMPS = 65° ; 3 Test Cylinders (LA-126)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: Zane A. Bussant

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

F CHECK OUT FOR STRUCTURAL REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 80

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 1-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	1-22-96	12:20	ZCB	1-22-96	1235
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMD	1-22	12:20	ZCB	1-22-96	1235
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	1-22	12:25	ZCB	1-22-96	1240
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	1-22	12:30	ZCB	1-22-96	1245
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	1-22-96	12:30	ZAB	1-22-96	1245
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.42'	✓	"	"	✓	✓	✓
WIDTH 2.25' - 1.06'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	1-22	12:35	ZAB	1-22-96	1250
G. SAFETY (LIST)	Jmj	1-22	12:35	ZAB	1-22-96	1250
1. Ladder	✓	"	"	✓	✓	✓
2. Rigging	✓	"	"	✓	✓	✓
3. Scaffold	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	1-22	12:40	ZAB	1-22-96	1250
Exp. Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	Hydraulic	1:15					
Bucket	1	1.6 cy	"					
Vibrator	1	18' shaft	"					
Generator	1	Gasoline	"					

J. REMARKS: SLUMP = 3 1/2" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 63° ;
 AIR TEMPS = 65° ; 3 Test Cylinders (LA-126)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Frank [Signature]*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/22/96

REPORT NO.: 340

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 45 MIN 72 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.7) NOISE: Moderate

1-20-96 NO WORK Performed.
 1-21-96 NO WORK Performed.

WORK PERFORMED/LOCATION

- ① 1-22-96 B+K Const. - Wrecked forms at East Mono. #81. Patched tie-bolt holes and covered this wall with wet burlene blanket. Set forms and placed concrete at East Mono. #80 today. Placed concrete at East Mono. #51 today (Collar at East B Sta. 84+30.49 to 84+35.15). Performed structural excavation from East B Sta. 92+80 to 92+40. Cut off MP-112 one foot below fin. grade from East B 93+45 to 92+95. Installed bond cables at West Mono. Joints #16-17, #17-18, #18-19, #19-20, and #20-21. Welded #6 bond bars on top of C2-101 sheet piles at West Monoliths #2, #3, and #4; also at East Monoliths #80 and #79. Cut holes for rebar at East Mono's #80 and #79; and at West Mono's #9, #11, #13, and #15. Performed general cleanup and housekeeping at the Pratt Drive staging area. Cement finishers completed repairs on East Mono. #160 (Land Side Only) and West Mono's #165 and #166 (Canal Side Only).
- ② Arcadia Rebar - Tied bottom Reinforcing steel at West Mono's #9 and #11. Pre-tied one steel mat for future wall stem.
- ③ Gill's Crane Service - Drove new C2-101 sheet piles from West B Sta. 78+04.72 to sta. 79+36.99 (70 pcs. at 21'-9" long each).
- ④ Barnes Electric Company - Relocated feeder line FL-400 from ±4' on the Land Side of new I-wall to ±5' on the Canal Side of new I-wall, between West B Sta. 70+40 and 75+80 (Temporary Only).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	130	B+K Const.	wrecking + setting up I-wall forms;
12	Skilled	115	"	Placing I-wall concrete; Performing
2	Supt.	20	"	structural excavation and general cleanup;
1	Q.C. Rep.	9.5	"	Cathodic Protection Work; Cutting off
				existing sheet piles; Cutting holes for
				Rebar; finishing I-wall concrete (See Above)
3	Skilled	9	Arcadia Rebar	Tying Reinforcing steel for
				I-wall (SEE ABOVE)
2	Skilled	16	Gill's Crane	Driving C2-101 sheet piles for
1	Unskilled	8	"	I-wall (SEE ABOVE)
2	Skilled	10	Barnes Elect.	Temp. Relocation of FL-400
4	Unskilled	20	"	(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	7	1	—
Komatsu D37P Dozer	—	yes	2	4	—
Kubota 151 Excavator	—	yes	2	4	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	4	2	—
Koehring 405 Crane	—	yes	5	3	—
J.S.W. Excavator	—	yes	2	4	—
Welding Machine	—	yes	3	5	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 #1	—	yes	3	5	—

MATERIALS RECEIVED

Received 25.5 cu. yards of concrete from Lafarge (Mix Design #44-C), Placed 19 c.y. in East Mono. #80, and 6.5 c.y. in East Mono. #51. Delivery tickets were furnished to the Project Inspector today.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested and inspected concrete delivered by Lafarge Concrete Company today. Find results documented on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Relocation of Feeder Line FL-400 on the West Bank. Barnes Electric moved the feeder line from its location along the Canal Side of the existing floodwall to approx 5' on the Canal side of the new CZ-101 sheet piles. No damage was done to the feeder line or its splices. Cushioning material was provided as needed where the cable crosses over the new sheet pile wall. The remaining cable (between West @ 75+80 and 84+60 will be relocated after demolition of the existing concrete wall.

Checked alignment and monolith lengths of CZ-101 piles driven today. Alignment was found to be correct within 0.15' either way from G. Monolith lengths were also correct within 0.08'. Interlocks were all fully engaged, and plumbness of piles was correct (within 1/8" per foot).

JOB SAFETY

Feeder Line FL-400 was tested today after relocation work was completed to verify that no damage was done or splices separated. Tests done by the Sewerage and Water Board showed that no damage was done.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

1-23-95
Date

K CONSTRUCTION COMPANY,
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-22-96

Pour Location East I-Wall Monolith # 51 + 80

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 PSI
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
303944	1:18	1:41	3.0°	5gal	3.5x	63° 65°	6.0	3	1:25	10
303955	1:54	2:40	2.0°	20gal	4.0°	62° 66°	-	-	2:05	9
303959	2:02	3:05	2.5°	7gal	3.5x	62° 65°	5.4	-	2:25	6.5

REMARKS: Test Cylinder Set # LA-126

NOTE: "x" = Acutal Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

MINUTES OF SAFETY MEETING

DATE: 1-22-96

TIME: 7:00 AM

PROJECT: London Avenue Canal Floodwall
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
John Warts
Bernell
James Johnson
Homer Fields
FRANK BERNARD
Kenne Lantz
Walter
James
Michele

Jerry Justice
James Jackson
Jim
Eric
Glen W. Weaver
James
Matthew
Clyde
Dale
Benson
Steve

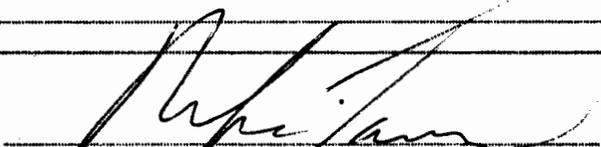
TOPICS DISCUSSED:

Richard
John
John

Discussed employee responsibilities to safety today. Superintendents, foremen, and myself are responsible for teaching and enforcing safe work habits and proper use of safety equipment. Operators are held accountable for their equipment, including daily inspections. Any defective equipment or rigging must be reported to the superintendent, foreman, or myself. Operators must visually check the load being lifted to be sure the rigging is done properly. Laborers and craftsmen have the responsibility to use all necessary personal protective equipment such as safety glasses, goggles, face shields, etc. Any unsafe acts or equipment must be reported.

COMMENTS:

Carpenters must check scaffolds for any defects, walkboards, handrails, mid-rails, toe boards, and support brackets should all be checked on a daily basis. Any defects should be repaired before the scaffold is used.


CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

270

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE

Friday
19 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER

DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER

Clear & Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0%	0%	0%	0%	0%

TEMPERATURE

MINIMUM	MAXIMUM
27°	45°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?

NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-8 hrs	1-8 hrs	

FEET	TIME
2.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
1-7 hrs	8-25 hrs	8-20 hrs	17-52 hrs	0700 M	1630 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - No progressive work performed.
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. Bayou Tree Service, Inc. - TRIMMING TREES

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) No progressive work performed this date, due to wet ground conditions.
- b) Set bottom resteel from E. Mono #79
- c) Trimming tree branches along west levee

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground on 19 Jan 96.
50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08 & 18 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

No progressive work performed by B&K and Gill this date, due to wet ground conditions from previous rainfall. Minor progressive work was performed by Arcadia and Bayou Tree Service this date. See attached CQC Report.

PERCENT PROJECT COMPLETE: 54.0%
PERCENT TIME ELAPSED: 80.8%

DATE SET FOR COMPLETION: 22 MAY 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

RESTEEL INSTALLATION: No instructions issued.

TREE TRIMMING: See "Verbal Instructions" on back of this report.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

RESTEEL INSTALLATION: Checked and found Arcadia has properly installed all required resteel for the bottom section of E. Mono #79 and pre-tied 1-set of resteel mats for the top section of E. Mono #79. All resteel properly sized, spaced and tied in accordance with approved shop drawings and steel schedule.

TRIMMING TREES: Observed Bayou Tree Service continuing to trim tree branches along the L/S slope of the existing levee, with the construction right-of-way, between WB/L Sta's 70+50 and 80+00. (See "NOTE" below)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

PE, C. Wagner informed J. Justice of B&K that they (B&K or Bayou Tree Service) should continue trimming tree branches that fall within the construction servitude along the west levee, regardless of threats made by local landowners. Mr. Justice informed PE, C. Wagner that Bayou Tree Service refuses to trim the Live Oak Tree branches located behind 5245 Pratt Drive (belonging to Mr. Danny Breaud), due to the threat of a lawsuit. The above mentioned tree is located at approx. WB/L Sta. 83+50, and protrudes approx. 20' into the construction area.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

NOTE: Bayou Tree Service refuses to trim branches off of the Live Oak Tree located at approx WB/L Sta. 83+50, due to Mr. Danny Breaud of 5245 Pratt Drive threatening them with a lawsuit. A Representative from Bayou Tree Service stated that they would return to the jobsite and trim said tree branches once they are assured by the Orleans Levee Board or COE that they would not be sued by the local landowner.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

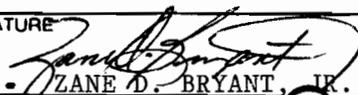
REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found person operating the chain saw to be wearing a hard hat, chaps, leather gloves and safety goggles. Chain saw operator was also secured to the lift bucket by a 6' lanyard and safety belt.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 22 JAN 96	SUPERVISOR'S INITIALS 	DATE 1/26/96
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QUALITY CONTROL REPORT
 (DACW29-94-C-0079)
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/19/96

REPORT NO.: 339

SKIES: Clearing + Cold

RAIN: 0

IN. TEMP.: 27 MIN 45 MAX

DUST: NONE

LEVEE CONDITION: Wet CANAL GAUGE: (2.0) NOISE: Moderate

Too Wet for Trucks
 50% Lost Production

WORK PERFORMED/LOCATION

B+K Construction - No Work Performed due to wet soil and cold weather today. One man assisted the tree trimming sub contractor today on the west Bank

Arcadia Rebar - Tied reinforcing steel at East Monolith #79 - bottom only. Also pre-tied one re-steel top mat for future placement.

Bayou Tree Service - Completed trimming tree limbs along the West Bank between Thirabeau and Filmore Avenues today. The one live oak tree near West B station 83+50± still remains to be trimmed. The resident at 5245 Pratt Drive has threatened legal action against Bayou Tree Service if they cut limbs on this tree, even though the branches are 20 feet over the safety fence and on Levee Board property. We are still waiting for the Levee Board officials to intervene.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS Approx.	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	6	B+K Const.	Assisting tree trimmers - No other work performed today
4	Skilled	12	"	
-	Supt.	-	"	
1	Q.C. Rep	7	"	
3	Skilled	6	Arcadia Rebar	Tying Reinforcing steel for I-Wall (See Above)
1	Skilled	7	Bayou Tree	Trimming Tree Limbs within the Construction easement (see Above)
2	Unskilled	14	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	No	0	8	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	No	0	8	—
Koehring 405 Crane	—	No	0	8	—
J.S.W. Excavator	—	Yes	1	7	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 #1	—	Yes	1	7	—

MATERIALS RECEIVED

None Received Today.

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the tree trimming work done along the West Bank today. Tree limbs were only cut where they hung over our construction servitude or easement, to facilitate new I-wall construction. Any trees or limbs not interfering with construction were left untouched. Brush and smaller branches were chipped and hauled away. Larger branches were cut to be hauled away for firewood by BTK Construction employees. Tree trimming is now complete, with the exception of the live oak tree in question (see page 1). Construction of the floodwall can not be accomplished unless this tree is trimmed back or removed.

JOB SAFETY

checked Bayou Tree Service employees for hard hats, safety boots, and eye protection. Workers were wearing safety boots, hard hats, and eye protection upon my inspection. Bucket truck operator was tied off to the lift bucket by safety belt while working above 6' from the ground.

REMARKS

MR. Chris Wagner advised BTK Construction to proceed with tree trimming work within the construction easement regardless of threats made by adjacent homeowners. However, Bayou Tree Service chose not to cut the live oak limbs now. They will have to come back later when this matter is settled and they are sure that no legal action will be taken against them.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized B C Representative

1-22-96
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

269

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Thursday
18 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Rain & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50%	50%	50%	50%	50%

TEMPERATURE

MINIMUM	MAXIMUM
30°	74°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.50"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
			1-8 hrs	1-8 hrs		2.40'	0900 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-12 hrs	18-89 hrs	17-89 hrs	37-190	0700 M	1330 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- d. Bayou Tree Service - TRIMMING TREES

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Cuttin off existing MP-115 sheet piles; Cutting holes in CZ-101 sheet piles and AZ-18 sheet piles for resteel instalaltion; and assisting Bayou Tree Service trimming trees.
- b) Drove 20 pcs of CZ-101 X 21'-9" sheet piles
- c) Set bottom resteel for E. Mono #80 and pre-tied resteel mats for the top section.
- d) Began trimming tree branches along the P/S of the West Levee.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground on 01, 02, 03, 08 & 18 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K, Gill, Arcadia, and Bayou Tree this date. However, rain shut-down all operations at approx. 1200 hrs. this date.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 54.0%
PERCENT TIME ELAPSED: 80.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

CLEARING: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked and found E. Monos #49, #50, #82, #83 & #84 were covered with wet burlene blankets for curing as required. Observed B&K setting forms for the E. Mono #51 (Concrete Collar). All required resteel for E. Mono #51 was previously set.

SELECTIVE DEMOLITION: Observed B&K cutting existing MP-115 sheet piles at elev. +6.75' between WB/L Sta's 75+00 and 75+80 (concrete caps not removed). These sheet piles were not cut continuous.

STEEL SHEET PILES: Observed Gill driving 20 pcs of CZ-101 X 21'-9" sheet piles to a top elev. of +5.75' between WB/L Sta's 77+68.63 and 78+04.72 except at monolith joints where the 4-piles were driven to a top elev. of +5.00'. All piles were driven on proper alignment, within tolerance.

RESTEEL INSTALLATION: Observed Arcadia setting and tying all required bottom resteel for E. Mono #80, and pre-tying 1-set of wall stem resteel mats.

CLEARING: Observed Bayou Tree Service cutting tree branches from within the construction right-of-way, along the P/S existing levee slope and toe, between WB/L Sta's 80+00 & 83+00. (See Note Below)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NOTE: Mr. Danny Breaud of 5245 Pratt Drive refuses to allow Contractor or Subcontractors to remove any branches from the Live Oak Tree in his back yard, and has threatened Bayou Tree Service with a lawsuit if they cut one branch from his tree. This tree has several branches that are hanging low over the existing levee, and need to be trimmed back to the levee right-of way to permit construction of the new floodwall at this location (between approx. WB/L Sta's 84+50 and 83+00). PE, C. Wagner was informed of this situation this date.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found personnel operating chain saws to be wearing hard hats, safety goggles, chaps and gloves. Also noted that chain saw operator was secured to the lift bucket by a 6' lanyard.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 19 JAN 96	SUPERVISOR'S INITIALS 	DATE 1/31/96 1/24/96
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/18/96

REPORT NO.: 338

SKIES: Cloudy- Rain RAIN: 0.50 IN. TEMP.: 30 MIN 74 MAX

DUST: Minimal LEVEE CONDITION: Wet CANAL GAUGE: (24) NOISE: Minimal

Rain Out - 11:00 AM WORK PERFORMED/LOCATION
 50% Lost Production

- ① B+K Construction - Cut off existing MP-115 sheet piles at elev. +6.75 for Temp. Flood Protection from west B Sta. 75+00 to sta. 75+80 (Concrete cap not removed yet). Cut holes for rebar at West Mono. # 2, and East Mono. # 79. Worked with Bayou Tree Service trimming tree limbs along the West Bank within the construction easement. Carpenters completed forming East Mono. # 51 Collar at Sta. 84+30±. Rain storms stopped all work before noon today.
- ② Gill's Crane Service - Drove new C2-101 sheet piles from West B Sta. 77+68.63 to sta. 78+04.72 (20 pieces at 21'-9" long each piece) Rained out at approx. 11:30 AM.
- ③ Arcadia Rebar - Tied bottom reinforcing steel at East Monolith # 80, and pre-tied one mat for future placement in I-wall stem section at # 80.
- ④ Bayou Tree Service - Trimming tree limbs on the West Bank between Mirabeau and Filmore Avenues (See "Remarks")

CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY				
NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	75	B+K Const.	Cutting off Existing MP-115
12	Skilled	70	"	Sheet Piles; Cutting holes for
1	Supt.	6	"	Rebar to pass through sheets;
1	P.C. Rep	6	"	Trimming tree limbs (assisting)
				Forming concrete collar.
				(See Above)
2	Skilled	8	Gill's Crane	Driving C2-101 sheet Piles
1	Unskilled	4	"	for I-wall (See Above)
3	Skilled	6	Arcadia Rebar	Tying Re-steel for I-wall
				(See Above)
1	Skilled	5	Bayou Tree	Trimming Tree Limbs
2	Unskilled	10	"	(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	4	4	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	3	5	—
Koehring 405 Crane	—	yes	3	5	—
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	yes	3	5	—
Komatsu 200 #1	Arrived	yes	2	6	—

MATERIALS RECEIVED

None Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored the vibrations caused by our sheet pile driving work today near West B sta. 78+00. Results are being furnished to the Orleans Levee Board.

Check concrete collar (East Mouth #51) Reinforcing steel and formwork, tie-bolts and bracing system was adequate, and complied with the approved formwork shop drawing. Re-steel was checked for compliance with Inlet Steel Company's shop drawing - no deficiencies noted. Clearance on re-steel was $2\frac{1}{2}$ " to $3\frac{1}{2}$ " all around. Forms were plumb level, and corners were true 90° bends. $\frac{3}{4}$ " Chamfer strip was in place at all exposed corners (top chamfer strip not installed yet). Expansion material was in place at the I-wall abutment. The North end of the collar is formed up directly even with the appropriate existing sheet pile interlock.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked workers trimming tree limbs for proper safety equipment. Safety glasses were worn by all of Bayou Tree's employees. Safety belt was worn and tied off by the saw man working out of the lift bucket. Hard hats were also worn by all employees. All guards and safety features were in place on the Chipper and Chain Saws.

REMARKS

(Instructions received, miscellaneous remarks)

Mrs. Danny Breand at 5245 Pratt Drive threatened a law suit against Bayou Tree Service if they cut limbs off of a live oak tree that has its trunk on his property. The limbs must be trimmed to facilitate construction of the new floodwall, are hanging 20' over the construction easement, and are not his property. The Levee Board was notified, and hopefully will intervene.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized O C Representative

1-19-96

Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

268

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Wednesday
17 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Partly Cloudy & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 63°	MAXIMUM 78°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.40'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 3-30 hrs	SKILLED 17-146 hrs	LABORERS 16-152 hrs	TOTAL 36-328
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FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; STRUCTURAL EXCAVATION; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms; Set forms & placed concrete for E. Mono #81; Formed & placed concrete for stab slabs; Installed cathodic jumpers; Structural Excavation for I-Walls; Removed existing concrete caps; Cut off existing sheet piles; Cut holes in AZ-18 piles for resteel.
- b) No progressive work this date.
- c) Set & Tied bottom resteel for W. Monos #03, #05 & #07.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground on 01, 02, 03 & 08 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K & Arcadia this date. Gill was on-site but no work was performed. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 53.9%

PERCENT TIME ELAPSED: 80.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on E. Mono #81 (see attached LMN Form 1246). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E. Mono #81. Noted concrete was being allowed to drop more than 5', was being placed in lifts of less than 18", and was being well vibrated. Checked surfaces of E. Mono #82 after forms were removed and noted no major surfaces defects. Observed finisher packing tie-rod holes in E. Mono #82 with dry-pack mortar as required. Observed finishers rubbing surfaces of E. Mono #82, F/S of W. Monos #166 & #167, and P/S of E. Mono #160. Observed B&K cutting 2" holes in CZ-101 sheet piles for the installation of resteel in W. Monos #07, #09 & #11. Checked and found area graded for stab slabs between WB/L Sta's 73+20 & 74+50, graded to accept +4.0" of concrete, with top of forms being set at approx. elev. +3.00'. Checked and found cathodic protection jumpers properly installed & coated between W. Monos #16 thru #19 approx. 8" below bottom of stab slab elevation.

(CONTINUED ON ATTACHED QA SUPPLEMENT SHEET)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all fire extinguishers fully charged on the following equipment: 1-Komatsu D37P Dozer, 1-Koehring 535 Crane, 1- Koehring 405 Crane; 1-Mantis 3612 Crane, and 2- Case 580 Loader/Backhoes.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

19 Jan 96

SUPERVISOR'S INITIALS

ew

1/31/96

DATE

1/26/96

QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 268

DATE Wed.- 17 Jan 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM DAILY LOG OF CONSTRUCTION, ENG FORM 2538-2)

STRUCTURAL EXCAVATION: Observed B&K excavating for slab slabs between EB/L Sta's 92+50 and 92+80.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 sheet piles between EB/L Sta's 93+45 and 93+90, at approx. elev. +3.50' (1' below final dirt grade). Observed B&K removing existing concrete cap from between WB/L Sta's 73+75 and 75+00, but B&K did not haul off this debris yet. Noted B&K cut existing sheet piles between WB/L Sta's 75+15 and 75+65 (not continuous), at approx. elev. +6.75' for temporary flood protection as required.

RESTEEL INSTALLATION: Observed Arcadia setting and tying all required bottom resteel for W. Monos #03, #05 & #07 this date. All resteel set, spaced and tied in accordance with approved shop drawing and steel schedule.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

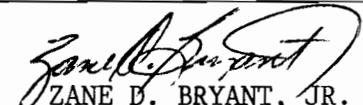
NOTE: No progressive work performed by Gill's Crane Service this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE B. BRYANT, JR.
Inspector's Signature

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	80.6%	-0-	80.6%	80.6%
03	SELECTIVE DEMOLITION	L.S.	L.S.	36.0%	2.5%	38.5%	38.5%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100%	-0-	100%	100%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	42.3%	-0-	42.3%	42.3%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	77.4%	-0-	77.4%	77.4%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100%	-0-	100%	100%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	125595.93	-0-	125595.93	66.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	475.06	-0-	475.06	47.6%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	53.3%	0.2%	53.5%	53.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	57.6%	-0-	57.6%	57.6%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	9.6%	-0-	9.6%	9.6%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 1f	-0-	9315 1f	87.3%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	95.0%	-0-	95.0%	95.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2%	-0-	69.2%	69.2%
22	FENCING (CIN-02)	L.S.	L.S.	100%	-0-	100%	100%
23	VECP, WALL REALIGNMENT (CIN-06)	L.S.	L.S.	12.9%	-0-	12.9%	12.9%
24	VECP, PAYMENT FOR WALL REALIGNMENT (CIN-07)	L.S.	L.S.	12.9%	-0-	12.9%	12.9%

CHECK OUT FOR STRUCTURES
 REINFOR CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH East 81 LIFT NO. ONE ELEVATION from 2.50 to 14.40 DATE OF POUR 1-17-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	1-17-96	11:25	ZAB	1-17-96	1200
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	1-17-96	11:25	ZAB	1-17-96	1200
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	1-17-96	11:30	ZAB	1-17-96	1205
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	1-17-96	11:35	ZAB	1-17-96	1205
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	1-17-96	11:35	ZJB	1-17-96	12:05		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.45'	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	1-17-96	11:40	ZJB	1-17-96	12:10		
G. SAFETY (LIST)	Jmg	1-17-96	11:40	ZJB	1-17-96	12:10		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-17-96	11:45	ZJB	1-17-96	12:10		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	12:30	1.25				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 1/2" + 3 1/2" ; AIR ENTR. = 5.1% + 5.5% ; CONCRETE TEMPS = 72° + 73° ; AIR TEMPS = 75° + 75° ; 3 Test Cylinders (LA-125)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: James L. August				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/17/96

REPORT NO.: 337

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 63 MIN 78 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (1.4) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - Wrecked forms at East Monolith #82, Patched holes and covered this wall with Wet burlene, set forms and top reinforcing steel mat at East Mono. #81, poured concrete at East Mono. #81 today, Formed and poured concrete stabilization slab from West B sta. 73+20 to sta. 74+50, Installed bond cables at West Monolith Joints #16-17, #17-18, and #18-19, cut holes for rebar at East Mono. #80, Cut off MP-112 sheet piles at one foot below fin. grade from East B sta. 93+90 to sta. 93+45, Performed structural excavation from East B 92+80 to sta. 92+50, and set stab. slab forms (not poured yet), Cut off MP-115 sheet piles at elev. 76.75 from West B sta. 75+15 to sta. 75+65, Cut holes for rebar at West Monoliths #9 and #11, Demolished existing concrete cap from West B Sta. 73+75 to sta. 75+00 (concrete not hauled off yet), Surveyors established & offsets for sheet pile work, formwork, etc., as well as setting control elevations.
- ② Gill's Crane Service - Moved C2-101 sheet piles into position to resume driving piles tomorrow.
- ③ Arcadia Rebar - tied bottom reinforcing steel at West Mono's #3, #5, and #7 today, No other work performed.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	Wrecking + setting up I-wall
12	Skilled	120	"	forms; placing concrete at I-wall
2	Supt.	20	"	and stab. slabs; cathodic protection
1	Q.C. Rep.	10	"	work; cutting off existing
				sheet piles; demolishing existing
				flashboard; Struct. excavation;
				Layout of work, (see Above)
2	skilled	14	Gill's Crane	Moving sheet piles into position
1	Unskilled	7	"	(see Above)
3	Skilled	12	Arcadia Rebar	Tying reinforcing steel for
				I-wall (see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	6	2	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	3	5	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	Yes	8	2	—
Koehring 405 Crane	—	yes	5	5	—
J.S.W. Excavator	—	yes	5	3	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	yes	2	6	—

MATERIALS RECEIVED

Received 19 cu. yards of concrete for East F-wall Manolith #81, and 10 cu. yards of concrete for stabilization slab (west of sta. 73+20 → 74+50). All this material was Lafarge Conc. Co's Mix Design #44-C. Delivery ticket copies were furnished to the Government Inspector, with all necessary information included.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction personnel tested concrete delivered by Lafarge Conc. Co. today. Find the results attached to this report on the Concrete Field Data Summary Sheet. Three test cylinders were added (as always) and will be delivered by BTK Const. Co. to the Government Lab.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked Temporary Flood Protection work being done on the West Bank. Existing MP-115 sheet piles were being cut off at elev. +6.75 to +7.00 to provide protection as required. No gaps or breaks existed in protection. The gap opening today was approx. 650 l.f. long, with $\pm 500'$ open on the West Bank between Mirabeau and Filmore Avenues, and $\pm 150'$ open on the East Bank between Pump. Sta. #4 and Filmore Avenue.

Checked Reinforcing steel work done on the West Bank today by Subcontractor Arcadia Rebar. The #6 rebar vertical bent bars (V-1) were installed at 12" on centers maximum spacing. (Some spaces were less than 12" to miss sheet pile interlocks). #5 horizontal bars were spaced 9" apart in the bottom portion of the wall. #5 and #4 U-Bars were correctly installed at the bottom portion also. #6 bond bars for cathodic protection not installed or welded yet.

JOB SAFETY

Weekly safety meeting was held on Monday 1-15-96, but omitted from that day's Q.C. Report. Minutes of the meeting were given to Project Inspector Zane Bryant on 1-16-96.

Called out a mechanic from Scott Construction Equipment to repair the Swing-Brake on the Mantis Crane today.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-18-96
Date

K CONSTRUCTION COMPANY,
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 1-17-96

Pour Location East I-Wall Monolith # 81; and Stab. slab
from West of 73+20 to 74+50.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
303160	12:27	12:50	1.50	22 Gal	3.5x	72° 75°	5.1	-3-	12:40	10
303177	1:00	1:35	1.50	20 Gal	3.5x	73° 75°	5.5	-	1:15	9
303230	2:10	2:55	1.0°	35 Gal	4.50	72° 72°	—	—	2:20	10

REMARKS: Test Cylinder Set # LA-125

NOTE: "x" = Actual Slump Determination
"o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

267

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Friday thru Tuesday
12 thru 16 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
See CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100%	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100%
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MINIMUM 42°	MAXIMUM 77°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES Trace	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1-3 hrs	OFFICE	LAYOUT	INSPECTION 1-4 hrs	TOTAL 2-7 hrs	LABOR
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Canal RIVER STAGE	FEET 0.60' to 1.00'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-91 hrs	SKILLED 17-452 hrs	LABORERS 16-448 hrs	TOTAL 36-991
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FROM 0700 M	TO 1730M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; STRUCTURAL EXCAVATION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES; CUT OFF EXISTING AZ-18 SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms from I-Wall Monoliths; Set forms and placed concrete for E. Monos #82 & #83; Rubbed surfaces of I-Walls; Packed tie-rod holes; Excavated for stab slabs; Installed cathodic jumpers; Placed concrete for stab slabs; Cut off existing MP-112 & MP-115 sheet piles.
- b) Drove new CZ-101 X 21'-9" sheet piles; Cut off existing AZ-18 sheet piles.
- c) Set resteel for E. Monos #81 & #82.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground on 01, 02, 03 & 08 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed throughout this period by B&K, Gill and Arcadia. See attached CQC Reports for details of work performed.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 53.7%
PERCENT TIME ELAPSED: 80.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

See attached PE's QA Supplemental Report for details of CQC Inspection Phases attended during this period.

QAR, B. Brogna attended CQC Inspection Phases on Mon., 15 Jan 95, on the Reinforced Concrete Floodwall phase of work.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QOC ACTIVITIES

See attached PE's QA Supplemental Report for details of QA Inspections performed by PE, C. Wagner on Tuesday, 16 Jan 96.

QAR, B. Brogan attended the following Follow-Up QA Inspection on Mon., 15 Jan 96:
REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on E. Mono #82 prior to placement of concrete (see attached LMN Form 1246). Witnessed placement and testing of concrete for E. Mono #82 this date (see attached Concrete Field Data Sheet for test results).

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NOTE: It was noted that one 7 cu. yd. truck load of concrete mix was deficient in the amounts of cement and flyash that were in the mix (Ticket #302619, batched @ 1330 hrs. this date, on Truck #185). One cu. yd. of concrete mix requires 280# of cement and 150# of flyash, and this truck only had 220# of cement and ~~150~~ **120** # of flyash per cubic yard. Concrete test cylinders were taken on this load of concrete mix this date by B&K.

Contractor's Quality Control Report (submitted ~~XXXXXX~~) for this (~~date~~) period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE			DUTIES
	DESIGNATION	HRS. ON SITE		
C. WAGNER	Civ. Engr., GS-11	3 hrs. (Tue)		PE
B. BROGNA	Const. Insp., GS-07	4 hrs. (Mon)		QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor held Weekly Safety Meeting on Mon., 15 Jan 96. See attached Minutes.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant Jr.</i> ZANE D. BRYANT JR.	DATE 19 JAN 96	SUPERVISOR'S INITIALS <i>ew</i>	DATE 1/26/95
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1/31/96

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:

Observed contractor personnel performing structural excavation operations on both east & west side of canal. Also observed placement of concrete for stabilization slab on both sides also. Ground was level & forms were used to achieve 4" in thickness. Subcontractor continued to drive & stick sheet piling between Mirabeau to Filmore Ave. Template used to align piles & level was used to check plumbness.

Instructions to COC/Remarks:

None given

Chris Wagner
NameProj Engr
Title

QUALITY CONTROL REPORT
 (DACW29-94-C-0079)
 LUDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/16/96

REPORT NO.:

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 62 MIN 77 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - Cut holes for rebar and welded #6 bond bars on top of A2-18 sheet piles at East Monolith #81. Cut holes for rebar at West Monoliths #3, #5, and #7. Cut off MP-115 sheet piles at elev. +6.75 from West B Sta. 74+75 to Sta. 75+15 (concrete cap not yet removed). Installed bond cables at East Mono, Joints #80-79, #79-78, and #78-77; and at West Mono, Joints #9-10 through #15-16, #1-2, and #2-3. Performed structural excavation from East B 93+20 to 92+80, Formed and poured stabilization slab concrete from East B 93+65 to 92+95. Performed structural excavation from West B Sta. 80+00 to 84+60. Formed and poured stabilization slab concrete from West B 70+49 to 71+00, and from West B 72+35 to 73+20. Carpenters continued setting forms and re-steel at East Mono. #51 (collar). Cement finishers completed repairs on East Monoliths #159 (Land side only) and West Monoliths #164 and #165 (Canal Side only).
- ② Gill's Crane Service - Drove C2-101 sheet piles from West B Sta. 76+53, 29 to Sta. 77+68.63 (64 pcs at 21'-9" long each)
- ③ Arcadia Rebar - tied bttm. re-steel at East Monolith #81. Pre-tied one re-steel mat for future placement in I-Well stems.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS Approx.	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	140	B+K Const.	Cathodic Protection work; Cutting off sheet piles; Performing structural excavation; Forming and pouring stabilization slab; Forming up concrete collar; Finishing concrete walls; Curing I-Well Monoliths. (See Above)
12	Skilled	120	"	
2	Supt.	20	"	
1	Q.C. Rep.	9.5	"	
2	Skilled	16	Gill's Crane	Driving C2-101 sheet piles (See Above)
1	Unskilled	8		
3	Skilled	9	Arcadia Rebar	Tying Reinforcing Steel for I-Well (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	8	0	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	7	3	—
Koehring 405 Crane	—	yes	5	5	—
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—

MATERIALS RECEIVED

Received 10 c.y. of concrete for West Bank stabilization slab, and 8 c.y. of concrete for East Bank Stabilization Slab (see Page #1 for stations). All this material was Lafarge Concrete Company's Mix Design #44-C.

TESTS PERFORMED
(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile driving work today near West Sta. 77+00. Results are furnished to the Orleans Level Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked stabilization slab work done today on the West Bank. Top of slab grade was elevation +2.95 (0.05' allowed for shims under I-wall forms later). The slab was approx. 5'-3" wide, centered on the new I-wall centerline. Thickness of the stab. slab was 4" to 4 1/2". Underlying soil was undisturbed natural existing soil.

Also checked layout and torch-cutting of holes at West Mono's #3, #5, and #7. Spacing of holes was 12" on centers, except where sheet pile interlocks forced the layout to be less than 12" centers to miss interlocks. Some holes were found to be 2 1/2"-3" in diameter, and the worker burning these holes was directed not to exceed 2" diameters. Later inspections showed that the hole sizes were correct, and not exceeding 2" except where they fell in the web of the sheets. These holes had to be slotted 2" vertically by 4" horizontally to accommodate #6 vertical bent bars. No other problems with this part of the work were found.

JOB SAFETY

Warned crane operator working near East B₂ station 84+30 to stay a minimum of 10' away from overhead power lines at Filmore. Also told him that if fog or drizzle exists, stay 15' away at minimum.

Told workers employed by our subcontractor Arcadia Rebar that they must have steel toe boots to work on this job (second warning). They will be sent home if this happens again. REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

1-17-96

Date

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/15/96

REPORT NO.: 335

SKIES: Fog-Drizzle-AM.
 Pt. Cloudy clearing - PM

RAIN: Trace IN. TEMP.: 58 MIN 74 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.8) NOISE: Moderate

WORK PERFORMED/LOCATION

1-14-96 Sunday - No Work Performed

① 1-15-96 Monday - B+K Construction - Wrecked forms at East Monoliths #50 and #83. Patched tie-bolt holes and covered these walls with wet burlap blankets. Welded #6 rebar on top of AZ-18 sheet piles at East Mono. #82 and #81. Set forms at East Monolith #82, then placed concrete at East Monolith #82 today. Formed and poured concrete stabilization slab at two locations today; East B 93+95 → 93+65; West B 71+00 → 72+35. Installed one bond cable at East Mono. Joint #80-81 and three bond cables at West Mono. Joints #6-7, #7-8, and #8-9. Cut MP-112 sheet piles off one foot below Fin. Grade from East B sta. 94+20 to Sta. 93+90. Cut off existing MP-115 sheet piles from West B sta. 74+20 to sta. 74+75 (concrete cap not removed yet). Carpenters began tying re-steel and setting forms at East Mono #51 (tie-in collar at East B 84+30±) Cement finishers completed repairs on East Monoliths #158 (landside only) and West Mono's #163 + #164 (Flood side only).

② Gill's Crane Service - Drove new C2-101 sheet piles from West B Station 75+88.30 to station 76+53.20 (36 pcs. at 21'-9" long each)

③ Arcadia Rebar - Tied bttm. reinforcing steel, and set top steel mat at East Monolith #82.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	135	B+K Const.	Wrecking + setting I-wall forms;
12	Skilled	120	"	Curing I-wall Concrete; Finishing
2	Supt.	20	"	I-wall Concrete; Cathodic Protection
1	Q.C. Rep.	10.5	"	work; Forming + Pouring Stabilization slab; Cutting off MP-112 and MP-115 sheet piles; Forming Collar #51 (see Above)
2	Skilled	16	Gill's Crane	Driving C2-101 sheet piles
1	Unskilled	8	"	on the West Bank (see Above)
3	Skilled	9	Arcadia Rebar	Tying re-steel for I-wall (see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	8	0	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	3	5	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	8	2	—
Koehring 405 Crane	—	yes	4	6	—
J.S.W. Excavator	—	yes	4	6	—
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—

MATERIALS RECEIVED

Received 21 cu. yards of concrete (19 yards for East Mono. #82 and 2 yards for stabilization slab) and 10 cu. yards of concrete (for West Bank Stabilization Slab). All material was Lafarge Concrete Company's Mix Design #44-C. See Page #1 for stations on stab. slab work.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction Company tested concrete delivered by Lafarge Conc. Coy today. Results can be found on the attached Concrete Field Data Summary Sheet.

Delta Testing monitored vibrations caused by Pile driving equipment today near West B station 76+00. Results furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

I inspected cathodic protection work done today on the East and West Banks. #6 Rebar was tack-welded to the top of AZ-18 sheet piles at East Monoliths #82 and #81. Welds were checked and found to be adequate. The #6 bar was welded to each piece of sheet pile in these monoliths, but did not extend through the monolith joints.

Bond Cables were exothermically welded to the new CZ-101 sheet piles on the West Bank. Bonds to steel sheets were checked and found to be securely fastened. All exposed copper wire was covered with epoxy caps. Bond cables were installed so as to connect one monolith with the next, where #6 rebar could not extend through the expansion joint.

JOB SAFETY

Checked ladders and scaffolds at East Monolith #82. No damage or defects were noted. Handrails, mid-rails, and toe-boards were in place and in good condition. Walk-boards were also in good shape, and fastened to scaffold support brackets.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice

Authorized Q C Representative

1-16-96

Date

MINUTES OF SAFETY MEETING

DATE: 1-15-96

TIME: 7:00 AM

PROJECT: London Avenue Canal Floodwall
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Fred Almont
Matt Lightles
GLEN M. WEAVER
FRANK BERNARD
Earl O. Thomas, Jr.
Studdy Hargrett
Eric Balsun

Glenn Vinson
Jim Craig
Mike Colmenero
Bryan Kerdun
Spac Johnson
James K. Kipphut
Equal Franklin
Larry J. Giel
Willie Dillon
Flaglet Jr Brown

Gugory Sockeom

TOPICS DISCUSSED:

Reviewed the M.S.D.S. for Portland Cement (dry pack- aged product). Emphasized the need for rubber gloves, dust masks, rubber boots, etc. to avoid skin exposure. Employees were informed of the signs and symptoms of acute exposure and chronic exposure to portland cement. First aid tips were discussed in the event that cement enters the eyes or skin. Also discussed safety precautions required when flagging traffic or working on or close by public streets. Orange flags & vests are mandatory equipment for traffic control. Never turn your back on moving traffic and assume they will stop - your life may depend on it.

* The wire rope hoisting cable on the MANTIS 3612 Crane was inspected and found to have a flattened spot in it on the drum. The damaged part of the cable never winds off the drum however, in the present work situation. SCOTT CONSTRUCTION EQUIPMENT sent a mechanic to inspect this machine early this week, who said that no danger exists at present due to this cable.

Jerry Justice
CONTRACTOR'S SUPERINTENDENT

FP CHECK OUT FOR

STRUCTURES
 REINFOR

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.
DACW29-94-C-0079

MONOLITH
East # 82

LIFT NO.
ONE

ELEVATION
from 2.50 to 14.40

DATE OF POUR
1-15-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	1-15-96	12:45	Brogna	1-15-96	12:15
VERTICAL	✓	"	"	"	"	"
ALIGNMENT	✓	"	"	"	"	"
CLEANLINESS	✓	"	"	"	"	"
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	1-15-96	12:45	Brogna	1-15-96	12:15
CLEANLINESS	✓	"	"	"	"	"
WATERED	✓	"	"	"	"	"
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	1-15-96	12:50	Brogna	1-15-96	12:20
VERTICAL	✓	"	"	"	"	"
HORIZONTAL	✓	"	"	"	"	"
SPACING	✓	"	"	"	"	"
CLEARANCES	✓	"	"	"	"	"
STEEL SCHEDULE	✓	"	"	"	"	"
SHOP DRAWINGS	✓	"	"	"	"	"
TIE WIRES	✓	"	"	"	"	"
#6 BAR WELDED	✓	"	"	"	"	"
CLEANLINESS	✓	"	"	"	"	"
WATERED	✓	"	"	"	"	"
E. FORMWORK	Jmd	1-15-96	12:55	Brogna	1-15-96	12:25
CONDITION	✓	"	"	"	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmd</i>	1-15-96	12:55	<i>Brogna</i>	1-15-96	12:25		
CLEANLINESS	✓	"	"	"	"	"		
RELEASING AGENT	✓	"	"	"	"	"		
TIES AND BOLTS	✓	"	"	"	"	"		
LENGTH 28.40'	✓	"	"	"	"	"		
WIDTH 2.25'-1.00'	✓	"	"	"	"	"		
HEIGHT 11.90'	✓	"	"	"	"	"		
WATERSTOPS	✓	"	"	"	"	"		
CHAMFER STRIPS	✓	"	"	"	"	"		
F. WEATHER PROTECTION	<i>Jmd</i>	1-15-96	1:00	<i>Brogna</i>	1-15-96	12:30		
G. SAFETY (LIST)	<i>Jmd</i>	1-15-96	1:00	<i>Brogna</i>	1-15-96	12:30		
1. Ladder	✓	"	"	"	"	"		
2. Scaffold	✓	"	"	"	"	"		
3. Rigging	✓	"	"	"	"	"		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmd</i>	1-15-96	1:05	<i>Brogna</i>	1-15-96	12:30		
Exp. Material	✓	"	"	"	"	"		
FL-340 Anchors	✓	"	"	"	"	"		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	36/2	1:25	2				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" + 6" ; AIR ENTR. = 5.4% + 3.5% ; CONCRETE TEMPS = 68° + 68° ; AIR TEMPS = 72° + 73° ; 3 Test Cylinders (LA-124)							
FINAL CLEARANCE								
CONTRACTOR REPRS:				C.O.E. REPRS:				
<i>Jerry M. Justice</i>				<i>Bernard R. Brogna</i>				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B K CONSTRUCTION COMPANY,
 LOND. AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-15-96

Pour Location East I-Wall Monolith #82; Stabilization slab - East B
sta. 93+95 → 93+65, and West B sta. 71+00 → 72+35

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
302590	1:02	1:39	0"°	28 gal.	4.5" x	68° 72°	5.4%	-0-	1:25	7
302605	2:05	2:35	2"°	10 gal.	4"°	67° 72°	—	—	2:10	7
302619	2:43	3:30	1"°	15 gal.	6" x	68° 73°	3.5%	-3-	3:00	7
302530	11:35	12:50	4"°	-0-	4"°	69°	—	—	11:45	10

REMARKS: Test Cylinder Set # LA-124
 NOTE: Visual slump on 3rd Truck (Ticket #3026) was estimated at 1", but after adding 15 gallons, actual slump was 6". This truck must not have been well mixed prior to visual slump determination.

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Jerry Justice

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/13/96

REPORT NO.: 334

SKIES: Clear

RAIN: 0

IN. TEMP.: 42 MIN 68 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (0.7) NOISE: Minimal

*Saturday

WORK PERFORMED/LOCATION

B+K Construction - Performed structural excavation from East B sta. 93+50 to sta. 93+20. Removed some debris from clearing and grubbing work - hauled off by trailer to landfill - between West B sta. 70+40 and sta. 85+60. Still some debris left to remove here. Loaded up scrap pieces of AZ-18 sheet piles on Gill's Crane Service truck.

Gill's Crane Service - Cut off existing AZ-18 sheet piles at elev. +5.25 from East B sta. 93+80 to sta. 92+50. The scrap pieces were loaded up on Gill's Crane Service truck, and became the property of this Subcontractor today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	35	B+K Const.	Hauling off debris from
4	Skilled	30	"	clearing + grubbing work;
1	Supt.	8	"	Cutting off and loading up
-	Q.C. Rep.	-	"	AZ-18 sheet piles; Preliminary
				wrecking of I-Wall forms;
				Curing of I-Wall Concrete
2	Skilled	8	Gill's Crane	Cutting off AZ-18 sheet
				piles and hauling off scrap
				pieces (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	4	4	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	No	0	8	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	Yes	2	6	—
Koehring 405 Crane	—	No	0	8	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—

MATERIALS RECEIVED

None Received

TESTS PERFORMED

(As required by plans/specifications)

None Today

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspection of cleared and grubbed area on the West Bank revealed some debris still remaining to be disposed of. Materials from clearing and grubbing are piled up on the Flood side of the new sheet piles, next to the water's edge. This debris will be hauled off to landfill at a later date.

Inspected the area excavated on the East Bank for New I-wall construction. Bottom of excavation was approximately elev. +2.10. All excavated materials were piled up on the Flood side of the existing sheet pile wall to be used in backfill and embankment work later.

JOB SAFETY

Checked the public streets for dirt and debris (Mirabeau and Filmore Avenue). Laborers had to clean some minor dirt and debris off of Mirabeau Avenue. No other debris found.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice

Authorized Q C Representative

1-15-96

Date

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/12/96

REPORT NO.: 333

SKIES: Clear

RAIN: 0

IN. TEMP.: 42° MIN 64° MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (0.6) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Monolith #84. Patched tie-bolt holes and covered this wall with wet burlene. Cleaned, oiled, and set forms at East Mono. #83, welded #6 bar on top of AZ-18's at East Mono. #83, cut holes for rebar at East Monoliths #83 and #82. B+K set top re-steel mat at East Mono. #83. Placed concrete at East Monolith #83 today. Performed structural excavation from West B Station 75+00 to 80+00. Installed 3 bond cables at West I-wall Monolith Joints #3-4, #4-5, and #5-6. Cut off existing MP-115 sheet piles at elev. +6.75 for Temporary Flood Protection from West B sta. 73+80 to 74+20 (Concrete cap not removed yet). Began tying reinforcing steel at tie-in collar (East B 84+30±). Cement finishers completed repairs on East I-wall Monoliths #157 (Land Side Only) and West Monoliths #161 and #162 (Flood Side Only).

Gill's Crane Service - Drove new CZ-101 Sheet piles from West B Sta. 75+19 (approximate) to Station 75+88.29 (36 pieces at 21'-9" long each). This is re-work to correct piles driven out of tolerance, then pulled up.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	115	B+K Const.	Wrecking + setting forms;
12	Skilled	110	"	Placing concrete; welding bond
2	Supt.	18	"	bars; setting re-steel; performing
1	Q.C. Rep.	5	"	structural excavation; installing
				bond cables; cutting off MP-115
				sheet piles; finishing concrete
				walls → (see Above)
2	Skilled	14	Gill's Crane	Driving CZ-101 Sheet Piles
1	Unskilled	7	"	for West Bank I-wall
				(see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	7	1	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	7	1	—
Koehring 405 Crane	—	yes			
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	yes	2	6	—
	—				
	—				
	—				

MATERIALS RECEIVED

Received 19 c.y. of concrete from Lafarge Concrete Company (thix Design #44-C) for East Monolith #83. Copies of delivery tickets were furnished to the Government Inspector today.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested and inspected concrete delivered by Lafarge Conc. Co. today. Results can be found on the attached Concrete Field Data Summary Sheet.

Delta Testing monitored vibrations caused by sheet pile driving operations today near West B₂ Station 75+50 today. Results are reported to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked sheet piles re-driven on the west Bank between B Sta. 75+19 and 75+88 today. Alignment of piles was good on Centerline, plus or minus 0.20'. Monolith & lengths were also corrected and now are all at 28'-10 1/2" plus or minus 2". Plumbness and cut-off elevation were also found to be good within tolerances allowed.

Bond cables installed today on the west Bank were checked. Materials used were approved types only - Kalas Mfg. #4 AWG Cathodic Protection Cable; Cadwelds by Erico Products # CA-25; and Reyston Handy caps (epoxy coatings). Welds were checked and found to be secure. All exposed copper was covered by "Handy-caps". Installation was done on the land side of new CZ-101 sheets, at each Mon. Joint, and 4" to 6" below bottom of slab. Holes dug for cadweld installations were back-filled and hand-tamped prior to concrete placement.

JOB SAFETY

I checked the fire extinguishers at office trailers and fuel tank today. A 5 lb. ABC type extinguisher was mounted in each trailer fully charged. A 10 lb. ABC type extinguisher was mounted approx. 60' away from the 500 gallon fuel tank - fully charged and easily accessible.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

1-15-90
Date

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>JMJ</i>	1-12-96	1:15					
CLEANLINESS		"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.45'	✓	"	"					
WIDTH 2.25'-1.00'	✓	"	"					
HEIGHT 11.90'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	<i>JMJ</i>	1-12-96	1:20					
G. SAFETY (LIST)	<i>JMJ</i>	1-12-96	1:20					
1. Ladder		"	"					
2. Scaffold	✓	"	"					
3. Rigging	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	<i>JMJ</i>	1-12-96	1:25					
Exp. Material	✓	"	"					
FL-340 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Manitowoc Crane	1	#3612	2:15	2.5				
Concrete Bucket	1	1.0 cy	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.1% ; CONCRETE TEMPS = 60° ; AIR TEMPS = 69° ; 3 Test Cylinders (LA-123) FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jerry M. Justice</i>			C.O.E. REPRS: <i>None Present</i>				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 83 LIFT NO. ONE ELEVATION from 2.50 to 14.40 DATE OF POUR 1-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	1-12-96	1:05			
VERTICAL	✓					
ALIGNMENT	✓					
CLEANLINESS	✓					
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	1-12-96	1:05			
CLEANLINESS	✓					
WATERED	✓					
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	1-12-96	1:10			
VERTICAL	✓					
HORIZONTAL	✓					
SPACING	✓					
CLEARANCES	✓					
STEEL SCHEDULE	✓					
SHOP DRAWINGS	✓					
TIE WIRES	✓					
#6 BAR WELDED	✓					
CLEANLINESS	✓					
WATERED	✓					
E. FORMWORK	Jmg	1-12-96	1:15			
CONDITION	✓					

B CONSTRUCTION COMPANY, INC.
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-12-96

Pour Location East I-Wall Monolith # 83

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
302164	2:15	3:10	4 ^o	-0-	4.25 ^x	60° 63°	5.1%	-3-	2:25	10
302176	3:20	4:45	0 ^o	36gal	3.5 ^o	62° 64°	—	-0-	3:30	9

REMARKS: Test Cylinder Set # LA-123

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Jerry Justica

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

266

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Thursday
11 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100%	100%	100%	100%	100%

TEMPERATURE

MINIMUM	MAXIMUM
48°	70°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.20"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-2 hrs			1-10½ hrs	2-12½ hrs	

FEET	TIME
0.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-30½ hrs	17-143 hrs	13-122 hrs	33-295½	0700 M	1800 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; STRUCTURAL EXCAVATION; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a) Wrecked forms; Set forms & placed concrete for E. Monos #50 & #84; Cut-off existing MP-112 sheet piles; Rubbed surfaces of New I-Walls; Excavated for Stab Slabs; and Curing.
- b) Pulled previously driven CZ-101 sheet piles between WB/L Sta's 75+19 & 75+87.50.
- c) Set & tied all required resteel for E. Monos #50 & #83, and 2-sets of wall stem mats.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground on 01, 02, 03 & 08 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed this date by B&K, Gill and Arcadia this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 52.7%
PERCENT TIME ELAPSED: 79.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

STEEL SHEET PILES: See "Verbal Instructions" on back of this report.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on E. Monos #50 & #84 (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E. Monos #50 & #84 this date. Noted that concrete was not being allowed to drop more than 5' by use of trimmie chutes, was being placed in lifts of less than 18", and was being well vibrated. Noted that E. Monos #46 thru #49 and #85 thru #88 were covered with wet burlene blankets for curing as required. Observed finishers packing tie-rod holes in E. Monos #85 & #49 this date with dry-pack mortar as required. Also observed finishers rubbing P/S of E. Monos #155 & #156 and the F/S of W. Monos #159 # #160 with grout mixture to remove air bubbles and minor surface defects.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 sheet piles at approx. elev. +3.5', between EB/L Sta's 94+20 & 94+50.

STRUCTURAL EXCAVATION: Observed B&K excavating for stab slab construction between WB/L Sta's 70+45 & 75+00. Fill material stored on F/S of new wall location at adjacent stations.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

QAR, Z. Bryant instructed CQC Rep., J. Justice and M. Tassin of B&K that all new CZ-101 sheet piles driven out of alignment tolerance between approx. WB/L Sta's 75+19 and 75+87 must be pulled and re-driven on the required alignment and within the required tolerances. Messrs. Tassin and Justice agreed with these verbal instructions and agreed to have subcontractor, Gill's Crane Service correct these deficient piles as soon as possible.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	9½ hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all slings being used to handle/lift concrete forms, to be in very good condition. No fraying, flat spots, or separation of wire strands.

No safety infractions were noted this date.

Contractor held Weekly Safety Meeting this date. See attached minutes.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant, Jr.</i> ZANE D. BRYANT, JR.	DATE 19 JAN 96	SUPERVISOR'S INITIALS <i>gw</i>	DATE 1/23/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 266

DATE: Thu. - 11 Jan 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ORIGINAL DAILY LOG OF CONSTRUCTION, ENG FORM 2538-2)

STEEL SHEET PILES: Checked alignment of new CZ-101 X 21'-9" sheet piles driven between WB/L Sta's 75+01.60 and 75+87.50 on Wed., 10 Jan 96. Found all piles driven between approx. WB/L Sta's 75+19 and 75+87.50 to be out of alignment by 3" to 6", and the interlocks of piles at monolith joints to be as much as 8" past the required joint location. (See Verbal Instructions)

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

No additional instructions issued this date.

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FF CHECK OUT FOR

STRUCTURES
 REINFORL CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 50

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 1-11-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	1-11-96	1:05	ZAB	1-11-96	1300
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	1-11-96	1:05	ZAB	1-11-96	1300
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORGING	JmJ	1-11-96	1:10	ZAB	1-11-96	1300
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	1-11-96	1:15	ZAB	1-11-96	1305
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	1-11-96	1:15	ZJB	1-11-96	1305		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	1-11-96	1:20	ZJB	1-11-96	1310		
G. SAFETY (LIST)	Jmg	1-11-96	1:20	ZJB	1-11-96	1310		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-11-96	1:25	ZJB	1-11-96	1310		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	2:10	3				
Bucket	1	10 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 63° ;							
	AIR TEMPS = 70° ; 3 Test Cylinders (LA-122)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS:	ZJB		
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FC CHECK OUT FOR

STRUCTURE
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 84

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 1-11-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	1-11-96	12:15	ZAB	1-11-96	1230
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	1-11-96	12:15	ZAB	1-11-96	1230
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	1-11-96	12:20	ZAB	1-11-96	1230
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	1-11-96	12:25	ZAB	1-11-96	1235
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	1-11-96	12:25	ZJB	1-11-96	12:35
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.42'	✓	"	"	✓	✓	✓
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	1-11-96	12:30	ZJB	1-11-96	12:40
G. SAFETY (LIST)	Jmj	1-11-96	12:30	ZJB	1-11-96	12:40
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Rigging	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	1-11-96	12:35	ZJB	1-11-96	12:45
Exp. Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	3612	1:05	1.5				
Concrete Bucket	1	1.0 cy	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS
 SLUMP = 4" ; AIR ENTR. = 5.9% ; CONCRETE TEMPS = 62° ;
 AIR TEMPS = 68° ; 3 Test Cylinders (LA-122)

FINAL CLEARANCE
 CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zachary August*

INSTRUCTIONS
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Contractor continuing to place concrete on east side monoliths. Previous placed monoliths were covered with wet burlap & tidishers continued to rub walls & fill air holes & voids with sand cement grout. Also checked piling on west side which were down out of tolerance. Subcontractor had pulled sheets up but had not driven ~~yet~~ back to their correct alignment. Will drive piling tomorrow.

Instructions to CQC/Remarks: Informed Supt. M.K. Tassin & CQC rep Jerry Justice that misaligned sheet piling must be redriven to their correct alignment. Both agreed that it will be corrected.

Chris Wagner Proj Engr
 Name Title

(QUALITY CONTROL REPORT ()
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/11/96

REPORT NO.: 332

SKIES: Cloudy - Rain P.m. RAIN: 0.20" IN. TEMP.: 48 MIN 70 MAX

DUST: None DRY A.M. -
 LEVEE CONDITION: Wet P.m. CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Monoliths #85 + #49. Patched tie-bolt holes and covered these walls with burlene. Cleaned, oiled, and set forms at East Mono's #84 and #50. Placed concrete at East Mono's #84 and #50 today. Cut off existing MP-112 sheet piles below fin. grade from East B Sta. 94+50 to sta. 94+20. Performed structural excavation from West B Sta. 70+45 to Sta. 75+00. Cement finishers completed repairs on West Monoliths #159, #160 (Flood side only) and East Monoliths #155 and #156 (Land side only).

Gill's Crane Service - Pulled up C2-101 sheet piles driven yesterday between West B Sta. 75+87.50 and Sta. 75+19 (approximate). Re-set the driving template and went home early - these sheet piles will be redriven tomorrow.

Arcadia Rebar - Tied re-steel for East I-wall Monoliths #50 and #83. Also tied two top steel mats for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	115	B+K Const.	Wrecking + Setting I-wall
12	Skilled	120	"	forms; Curing I-wall Monoliths;
2	Supt.	20	"	finishing I-wall concrete; Placing
1	Q.C. Rep.	10.5	"	I-wall concrete; Cutting off
				existing MP-112 sheet piles;
				Struct. Excavation (See Above)
2	Skilled	14	Gill's Crane	Correcting C2-101 sheet piles
1	Unskilled	7		driven out of tolerance.
				(See Above)
3	skilled	9	Arcadia Rebar	Tying reinforcing steel for
				I-wall (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	6	2	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	4	4	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	Yes
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	4	4	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	Yes	3	5	—
	—				
	—				

MATERIALS RECEIVED

Received 19 cu. of concrete for East Mono. #84 and 17 cu. of concrete for East Mono. #50. All material was Lafarge Concrete Company's Mix Design #44-C. Delivery tickets were furnished to the Project Inspector Zane Bryant.

TESTS PERFORMED

(As required by plans/specifications)

B&K Const. Co. personnel tested and inspected concrete delivered by Lafarge Conc. Co. today. Results of these tests are documented on the attached Concrete Field Data Summary Sheet.

Delta Testing monitored vibrations caused by pile driving crew today near West B sta. 74+00. Results are furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked Sheet pile alignment between west $\# 75+19$ and $75+87.50$ due to the fact that these sheet piles appear crooked, Found several piles out of alignment by $0.25'$ to $0.50'$ towards the Canal side, length of monoliths were also incorrect by as much as $6"$ to $8"$. It was obvious that these piles must be corrected. After convincing the subcontractor (Gill's Crane Service) that these sheets were out of tolerance, they agreed to pull them up, re-set their driving template, and beg re-driving work.

Also inspected formwork at East Monoliths $\# 84$ and $\# 50$ today. No problems were found at East Mono. $\# 84$. At East Mono. $\# 50$, the slab was not sufficiently cured, and some minor problems were encountered during placement of concrete. The North end of E. Mono. $\# 50$ was found to be $0.02'$ low after the pour was completed. Alignment of the bottom of the T-wall form was also out approx. $0.02'$ towards the Canal side. Nothing more could be done to correct these minor errors.

JOB SAFETY

Checked sheet pile ground release shackles used by subcontractor today. Shackles were in good condition, all nuts & bolts were tight, and the shackles were easily released from the ground. Checked workers for steel toe boots on the jobsite today. All workers were wearing proper work boots with safety or steel toes today.

REMARKS

Verbal instructions per Project Inspector Zane Bryant: CZ-101 sheet piles between west $\#$ sta. $75+19$ and sta. $75+87.50$ (approximately 38 pieces, or 19 pairs of CZ-101 sheets) must be pulled up and re-driven due to alignment and monolith length problems. The subcontractor, Gill's Crane Service, agreed to correct these sheet piles today.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry M. Justice

Authorized Q C Representative

1-12-96

Date

B CONSTRUCTION COMPANY, INC.
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 1-11-96

Pour Location East I-Wall Monolith #84 and #50

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
301755	1:05	1:30	3.0°	10gal	4.0 ^x	62°/68°	5.9	3	1:15	10
301772	1:50	2:25	4.0°	0-	4.0°	62°/68°	-	-	2:00	9
301787	2:10	3:08	3.75°	0-	3.75 ^x	63°/70°	5.3	-	2:20	9
301804	3:19	5:05	3.0°	10gal	4.0°	63°/68°	-	-	3:25	8

REMARKS: Test Cylinder Set # LA-122

NOTE: "x" = Actual Slump Determination
"o" = Visual Slump Determination

TECHNICIAN: Steve Shome

MINUTES OF SAFETY MEETING

DATE: 1-11-90

TIME: 7:00

PROJECT: London Avenue Canal Floodwall
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Willie Dillon
Eric Bailey
Richard Abbott
Bernard Green
James Arnold
Lance Johnson
Tommy Lee
Frank Bernard

Matthew Battles
Dale Ferguson
Scott M. Brown
James K. Smith
Dana Johnson
Edna V. [unclear]
W. [unclear]
Bryan Verdun

TOPICS DISCUSSED:

Mark [unclear]
Steve [unclear]
[unclear]

John [unclear]
Earl O. Thomas Jr.
Jerry Justice

TOPICS DISCUSSED :

Reviewed hazardous material safety sheets for "Clean Strip (J-1)" and "J-1A", as well as "Day Chem Ad Bond (J-20)" today. Instructed the men to use only approved metal safety cans, in good working condition, to store or transport gasoline. Reminded the workers to always move gas cans and other flammables away from ignition sources (torches, welders, generators, etc.). Fire extinguishers must be on hand at all burning and welding work areas.

COMMENTS:

I informed new employees and long-time employees about the Sewerage and Water Board's electric feeder lines on our jobsite. The men were told not to start work until they have verified with their foreman or myself that the electricity has been shut off. Also reminded them that overhead power lines at Mirabeau and Filmore, are a constant danger and can not be de-energized.

Willie Tison
CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

265

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Wednesday
10 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Partly Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100 %	CONCRETE 100%	STRUCTURE 100 %
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TEMPERATURE

MINIMUM 40°	MAXIMUM 68°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-2 hrs	OFFICE	LAYOUT	INSPECTION 1-10 hrs	TOTAL 2-12 hrs	LABOR
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FEET 0.10'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-27½ hrs	SKILLED 17-138 hrs	LABORERS 13-117 hrs	TOTAL 33-282½	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL ISNTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms; Set forms & placed concrete for E. Monos #49 & #85; Placed concrete for stab slabs; Installed 1-cathodic jumper; Welded #6 rebars to tops of sheet piles; Cut holes in sheet piles for resteel; and Rubbed surfaces of new I-Wall Monoliths.
- b) Drove 48 pcs of CZ-101 X 21'-9" sheet piles
- c) Set & Tied bottom resteel for E.Mono #84 & pre-tied 2-sets of wall stem mats.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground on 01, 02, 03 & 08 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K, Gill and Arcadia this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 52.5%
PERCENT TIME ELAPSED: 79.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.
- STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on E. Monos #49 & #85 prior to concrete placement (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Checked and found no major surface defects on E. Monos #48 & #86 after forms were removed. Observed placement of slab slabs between EB/L Sta's 84+15 & 84+38 to a top elev. of +3.00', and EB/L Sta's 93+95 & 94+40 to a top elev. of +2.50', using 3000# mix concrete. Observed finishers rubbing F/S of W. Monos #156 thru #158, and P/S of E. Monos #153 & #154. Noted that B&K welded #6 rebars to the tops of all sheet piles for E. Monos #84 & #85, and cut holes for resteel installation thru the AZ-18 sheet piles for E. Mono #84.

RESTEEL INSTALLATION: Observed Arcadia installing all required resteel for the bottom section of E. Mono #84, and pre-tying 2-sets of wall stem resteel mats. All resteel spaced & tied in accordance with approved shop drawings and resteel schedule.

STEEL SHEET PILES: Observed Gill driving 48 pcs of CZ-101 X 21'-9" sheet piles to a top elev. of +5.75', except for the 4-piles at each mono joint, which were driven to a top elev. of +5.00' as required. Will check pile alignment on Thu., 01-11-96.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	9 hrs.	QAR

VISITOR: F. Perez, CD-NO

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Noted that back-up alarms were working properly on all concrete trucks being used this date. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 18 JAN 96	SUPERVISOR'S INITIALS jms	DATE 1/22/96
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FC CHECK OUT FOR

STRUCTURES
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

East # 49

LIFT NO.

ONE

ELEVATION

from 3.00 to 14.40

DATE OF POUR

1-10-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	1-10-96	1:00	ZJB	1-10-96	1330
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	1-10-96	1:05	ZJB	1-10-96	1330
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	1-10-96	1:05	ZJB	1-10-96	1335
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	1-10-96	1:10	ZJB	1-10-96	1340
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmD	1-10-96	1:10	ZJB	1-10-96	1340
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.90'	✓	"	"	✓	✓	✓
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JmD	1-10-96	1:15	ZJB	1-10-96	1345
G. SAFETY (LIST)	JmD	1-10-96	1:15	ZJB	1-10-96	1345
1. Ladder	✓	"	"	✓	✓	✓
2. Slat fdd	✓	"	"	✓	✓	✓
3. Rigging	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JmD	1-10-96	1:20	ZJB	1-10-96	1345
Exp. Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
KDEHRING 535	1	CRANE	2:05	2.25				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 58° ;
AIR TEMPS = 63° ; 3 Test Cylinders (LA-121)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Janet A. August*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

F () CHECK OUT FOR

STRUCTURE
 REINFORCE

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH
East # 85

LIFT NO.
ONE

ELEVATION
from 2.50 to 14.40

DATE OF POUR
1-10-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	1-10-96	12:20	ZAB	1-10-96	1230
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	1-10-96	12:20	ZAB	1-10-96	1230
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	1-10-96	12:25	ZAB	1-10-96	1230
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	1-10-96	12:25	ZAB	1-10-96	1235
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	1-10-96	12:25	ZJB	1-10-96	1235		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.40'	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	1-10-96	12:30	ZJB	1-10-96	1240		
G. SAFETY (LIST)	Jmj	1-10-96	12:30	ZJB	1-10-96	1240		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	1-10-96	12:35	ZJB	1-10-96	1240		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	# 3612	1:30	1.5				
Bucket	1	1.0 cy.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 5.1% ; CONCRETE TEMPS = 57° ; AIR TEMPS = 62° ; 3 Test Cylinders (LA-121) FINAL CLEARANCE							
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: ZJB				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed concrete placement
for east monolith #85 today. Tremies
being used to limit drop of concrete
to less than 5' & concrete was being
vibrated for consolidation throughout pour.
Witnessed air & slump tests that were
performed by CQC personnel. See attached
CQC report for results. Observed rebar
busters tying rebar on east side monoliths
& finishers rubbing walls.

Instructions to CQC/Remarks: Note given.

Chrisf Wagner
Name

Proj Engr
Title

(QUALITY CONTROL REPORT ()
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/10/96

REPORT NO.: 331

SKIES: Clear - Pt. Cloudy

RAIN: 0

IN. TEMP.: 40 MIN 68 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.1) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Monoliths #86 and #48, patched tie-bolt holes and covered these walls with burlene blankets. Set forms and placed concrete at East Monoliths #85 and #49 today. Also placed concrete in slab, Slab from East B 84+15 → 84+38, and East B 94+40 → 93+95. Installed one bond cable at East Mono. Joint #82-81, and welded #6 rebar on top of AZ-18 sheets at East Mono. #85 and #84. Also cut holes in sheet piles for rebar to pass through at East Mono. #84. Cement finishers completed repairs on East Monoliths #153 and #154 (Land side only), and West Monoliths #156, #157, and #158 (Flood side only).

Arcadia Rebar - Tied bottom reinforcing steel at East Monolith #84, and pre-tied two more top re-steel mats for future placement.

Gill's Crane Service - Drove new cz-101 sheet piles from West B Sta. 75+01.69 to Sta. 75+87.50, (48 pcs. at 21'-9" long each piece)
 (See Inspections performed for comments)

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	110	B+K Const.	Wrecking, cleaning, oiling, and setting I-wall forms; Placing
12	Skilled	115	"	I-wall and slab. slab concrete;
2	Supt.	19	"	Misc. welding & burning work;
1	Q.C. Rep.	8.5	"	Finishing I-wall concrete; Cathodic Protection work (see Above)
3	Skilled	9	Arcadia Rebar	Tying reinforcing steel for new I-wall (see Above)
2	Skilled	14	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	7	"	piles (see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	8	0	—
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator	—	yes	6	2	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	5	3	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
	—				
	—				
	—				

MATERIALS RECEIVED

Received 19 cu. of concrete for East Monolith #85, and 17 cu. of concrete for East Monolith #49. Also received 2 cu. of concrete for stab. slab (East B sta. 84+15 to 84+38) and 4 cu. of concrete for stab. slab (East B sta. 94+40 to 93+95). All this material was Lafarge Concrete's Mix Design #44-C.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested and inspected concrete delivered by Lafarge Conc. Co. today. Results are found on the attached Concrete Field Data Summary Sheet.

Delta Testing monitored vibrations caused by sheet pile driving operations near west B sta. 75+00. Results are furnished to Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the CZ-101 sheet piles driven today on the West Bank. Monolith lengths were found to be correct up until West monolith #19 and #20. Sheet piles in these two monoliths were found to be deflected slightly left and right, causing the monolith lengths to be short. A check of alignment on these sheets will be made tomorrow, and a determination will be made at that time. These two monoliths may have to be pulled up and redriven to correct these problems. Extreme hard driving conditions may have contributed to this problem.

Also inspected installation of bond cable and #6 bond bar at the East Bank today. Cathodic protection cable was cadwelded to the existing AZ-18 sheet piles. Pile surfaces were cleaned and sanded before cadwelding cables on. A good bond between sheet piles and cathodic prot. cable was achieved. #6 Rebar was tack welded to each AZ-18 sheet pile for cathodic protection. No steel was allowed to extend through the monolith joints.

JOB SAFETY

Checked public streets for dirt or debris from our operations - None of any significance was found. Checked reverse alarms on Rubber tire 580 backhoes and Komatsu D-37 dozer. All three machines had working back-up alarms installed that were clearly audible.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-11-96
Date

B CONSTRUCTION COMPANY, INC.
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 1-10-96

Pour Location East I-Wall Monolith #85 and #49, and Slab, Slab, East B 94+40 → 93+95, and East B 84+15 → 84+38.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
301411	1:30	2:00	1 1/2°	20 gal.	4.5 ^x	57° 62°	5.1%	-3-	1:40	10
301481	3:06	4:25	1 1/2°	25 gal.	4.5°	57° 64°	-	-	3:10	9
301446	2:05	2:52	2 1/2°	10 gal.	4.0 ^x	58° 63°	5.4%	-	2:30	9
301481	3:06	4:25	3"°	5 gal.	3.75°	59° 62°	-	-	3:30	8
301512	4:25	4:55	0"	8 gal.	4.0°	60° 61°	-	-	4:30	2 ←
301502	4:00	4:20	3"°	5 gal.	4.0°	58° 60°	-	-	4:05	4 ←

Stab. Slab
Stab. Slab

REMARKS: Test Cylinder Set #LA-121

NOTE: "x" = Actual Slump Determination
"o" = Visual Slump Determination

TECHNICIAN:
Jerry Justice

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
264

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Tuesday
09 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Clear & Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 30°	MAXIMUM 64°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION
INCHES 0.00" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 0.00'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-27 hrs	SKILLED 17-125 hrs	LABORERS 12-100 hrs	TOTAL 32-252	FROM 0700M	TO 1630M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT. DEMO.; STRUCTURAL EXCAVATION; GRUB
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a) Placed concrete for E. Monos #48 & #86; Excavated for stab slab and set forms; Cut-off existing MP-112 sheet piles; Grubbed on F/S of existing floodwall; Rubbing I-Wall surfaces.
- b) Drove 24 pcs of CZ-101 X 21'-9" sheet piles.
- c) Set & tied bottom resteel for E. Mono #85 and pre-tied 2-sets of resteel mats.

Days of no work and reasons for same.

50% of days lost due to adverse weather/wet ground on 01, 02, 03 & 08 Jan 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K, Gill and Arcadia this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 52.0%
PERCENT TIME ELAPSED: 79.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on E. Monos #48 # #86 this date, prior to concrete placement (see attached LMN Form 1246's). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed finishers rubbing P/S surfaces of E. Monos #151 & #152, and F/S of W.Monos #153, #154 & #155. Noted E. Monos #46, #47, #87 & #88 were covered with wet burlene blankets for curing.

STRUCTURAL EXCAVATION: Noted B&K excavated for stab slab between EB/L Sta's 93+50 & 93+80, to a top elev. of +2.10'.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 sheet piles at approx. elev. +3.5', between EB/L Sta's 94+50 & 94+75.

RESTEEL INSTALLATION: Observed Arcadia setting & tying all required resteel for the bottom section of E. Mono #85, and pre-tying 2-sets of resteel mats for the top sections for future placement. All resteel set, spaced and tied in accordance with approved shop drawings.

STEEL SHEET PILES: Observed Gill driving 24 pcs of CZ-101 X 21'-9" sheet piles between WB/L Sta's 74+58.40 & 75+01.60, to a top elev. of +5.75', except for the four piles at mono joints which were driven to elev. +5.00'. All piles were driven on proper alignment, within tolerance.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Checked and found all personnel chipping concrete to be wearing proper safety glasses and hard hats.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 18 JAN 96	SUPERVISOR'S INITIALS 	DATE 1/22/96
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FC CHECK OUT FOR

STRUCTURE
 REINFORC.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

East # 86

ONE

from 2.50 to 14.40

1-9-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>JmJ</i>	1-9-96	12:00	<i>ZJB</i>	1-9-96	1145
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>JmJ</i>	1-9-96	12:00	<i>ZJB</i>	1-9-96	1145
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>JmJ</i>	1-9-96	12:05	<i>ZJB</i>	1-9-96	1150
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>JmJ</i>	1-9-96	12:10	<i>ZJB</i>	1-9-96	1150
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	1-9-96	12:10	ZJB	1-9-96	1150
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.45'	✓	"	"	✓	✓	✓
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	1-9-96	12:15	ZJB	1-9-96	1155
G. SAFETY (LIST)	Jmj	1-9-96	12:15	ZJB	1-9-96	1155
1. Eye Protection	✓	"	"	✓	✓	✓
2. Ladder	✓	"	"	✓	✓	✓
3. Scaffold	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	1-9-96	12:20	ZJB	1-9-96	1200
Exp. Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	12:30	1 3/4				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 4.8% ; CONCRETE TEMPS = 56° ;
AIR TEMPS = 62° ; 3 Test Cylinders (LA-120)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zachary Bryant*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FC CHECK OUT FOR

STRUCTURAL
 REINFORC.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH EAST # 48

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 1-9-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	1-9-96	12:25	ZJB	1-9-96	12:15
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	1-9-96	12:25	ZJB	1-9-96	12:15
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	1-9-96	12:30	ZJB	1-9-96	12:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	1-9-96	12:35	ZJB	1-9-96	12:20
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	1-9-96	12:35	ZLB	1-9-96	12:20		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.89'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JmJ	1-9-96	12:40	ZLB	1-9-96	12:25		
G. SAFETY (LIST)	JmJ	1-9-96	12:40	ZLB	1-9-96	12:25		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	1-9-96	12:40	ZLB	1-9-96	12:25		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405 Crane	1	Friction	12:45	2 1/2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 56° ; AIR TEMPS = 62° ; 3 Test Cylinders (LA-120)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: ZLB				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

(QUALITY CONTROL REPORT ()
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/09/96

REPORT NO.: 330

SKIES: Clear

RAIN: 0

IN. TEMP.: 30 MIN 64 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (0.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Placed concrete at East Monoliths #86 and #48 today. Performed structural excavation from East B sta. 93+80 to sta. 93+50. Set Stabilization slab forms from East B sta. 94+40 to sta. 93+60. Cut off existing MP-112 sheet piles one foot below fin. grade from East B sta. 94+75 to sta. 94+50. Completed grubbing work between West B sta. 70+47 and sta. 84+60. Cement finishers completed repairs on West Monoliths #153, #154, and #155 (Flood side Only); and at East Monoliths #151 and #152 (Land side Only). Carpenters continued form repairs in preparation for West Bank I-Wall.

Gill's Crane Service - Drove new CZ-101 sheet piles from West B sta. 74+58.40 to sta. 75+01.60 (24 pieces at 21'-9" long).

Arcadia Rebar - Tied reinforcing steel at East Monolith #85 (bottom only), and pre-tied two more top steel mats for future placement in I-Wall stems.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
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11	Unskilled	92	B+K Const.	Placing I-Wall concrete; Performing
12	Skilled	100	"	Structural excavation; setting forms
2	Supt.	18	"	for stabilization slab; Cutting off
1	Q.C. Rep.	9	"	existing sheet piles below F.G.;
				Grubbing stumps + debris from work
				area; Finishing I-Wall concrete. (See Above)
2	Skilled	16	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	8	"	piles (See Above)
3	Skilled	9	Arcadia Rebar	Tying reinforcing steel for
				I-Wall (see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	6	2	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	Yes	6	2	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	5	3	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—

MATERIALS RECEIVED

Received 19 cu. yards of concrete for East Monolith #86, and 17 cu. yards of concrete for East Mono. #48. All material received was Lafarge Concrete Company's Mix Design #44-C. Delivery tickets were furnished to the Project Inspector today complete with all necessary batch information.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction personnel tested concrete delivered by Lafarge Concrete Company today. Results are found on the attached Concrete Field Data Summary sheet.

Delta Testing monitored vibrations caused by sheet pile driving work today. Results are furnished to the Orleans Levee Board. Location of monitoring equipment was approximately West B 72+50.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected grubbing work done today on the West Bank. Stumps, buried concrete, and other debris were removed to a depth of 3' below subgrade. The area grubbed was from the existing floodwall to 5' on the Canal side of new I-wall centerline. Materials from grubbing and clearing work still are piled up on the Canal side of the new floodwall & to be removed at a later date. The area between West @ Sta. 70+47 and 84+60 is close to the required sub-grade elevation, with very little excavation required.

Also checked forms and embedded items at East I-wall Monoliths #48 and #86. The required form check-list was completed prior to concrete placement (Government Form "LMN Form 1246"). No problems with form alignment, elevation, or embedded items were found. Reinforcing steel was adjusted at East Monolith #86 to provide proper clearances at the top of the wall. Extra plastic-coated bar supports were installed to maintain the clearance.

JOB SAFETY

Checked rigging on concrete buckets at both placement locations today. Slings and shackles were in fair condition. Headache ball on Koehring 405 crane and block on Mantis 3612 crane both had working safety latches.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry M. Justice
Authorized Q C Representative

1-10-96
Date

K CONSTRUCTION COMPANY,
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 1-09-96

Pour Location East I-Wall Monolith #48 + #86.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
300985	12:34	12:53	4.0 _o	-0-	4.0 _x	56° 62°	4.8	3	12:40	7
300992	1:07	1:40	2.0 _o	15 Gal	4.0 _o	56° 62°	-	-	1:15	6
301032	1:50	2:18	2.5 _o	10 Gal	4.0 _o	57° 64°	-	-	2:00	6
300986	12:45	1:28	4.0 _o	-0-	4.0 _x	56° 62°	5.2	-	1:00	6
301033	1:53	2:32	2.0 _o	15 Gal	4.0 _o	57° 62°	-	-	2:00	6
301058	2:45	3:19	4.0 _o	-0-	4.0 _o	56° 64°	-	-	3:00	5

REMARKS: Test Cylinder Set #LA-120

NOTE: "x" = Acutal Slump Determination
"o" = Visual Slump Determination

TECHNICIAN:

Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
263

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE
Monday
08 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Clear & Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50%	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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TEMPERATURE	
MINIMUM 25°	MAXIMUM 48°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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Canal RIVER STAGE	
FEET 0.00'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-27 hrs	SKILLED 17-117 hrs	LABORERS 12-78 hrs	TOTAL 32-222
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NUMBER OF SHIFTS 1 2 3

FROM 0700 M	TO 1630M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT. DEMO.; STRUCTURAL EXCAVATION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms; Set forms for I-Wall Monos; Rubbed and patched surfaces of new I-Wall Monos; Excavated for I-Wall Monos; Cut-off existing MP-112 sheet piles; Installed 1-cathodic jumper;
- b) Drove 36 pcs of CZ-101 X 21'-9" sheet piles
- c) Set & tied bottom resteel for E. Mono #85 and pre-toed 1-set of resteel mats for top section

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground on 01, 02, 03 & 08 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K, Gill and Arcadia this date. However, work was limited due to wet ground conditions and very cold temperatures.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 51.7%
PERCENT TIME ELAPSED: 79.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- STRUCTURAL EXCAVATION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- STEEL SHEET PILES: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Monos #47 & #87 after forms were removed and noted no major surface defects. Observed B&K setting forms for E. Monos #48 & #86, after all required resteel was in-place. Checked installation of 1-cathodic protection jumper between E. Monos #82/#83 approx. 8" below dirt grade. Noted that finishers packed tie-rod holes with dry-pack mortar as required on E. Monos #47 & #87. Noted that E. Monos #46, #47, #87 & #88 were covered with wet burlene blankets for curing. Observed finishers rubbing F/S surfaces of ~~W.~~ Mono #152 and P/S of E. Monos #149 & #150 with grout mixture.

STRUCTURAL EXCAVATION: Noted B&K excavated for stab slabs between EB/L Sta's 93+80 & 94+20, to a bottom elev. of +2.10'.

SELECTIVE DEMOLITION: Noted that B&K cut-off the existing MP-112 sheet piles at approx. elev. +3.5', between EB/L Sta's 94+75 & 95+00.

STEEL SHEET PILES: Observed Gill driving new CZ-101 X 21'-9" sheet piles between WB/L Sta's 73+93.40 & 74+58.40, to a top elev. of +5.75' as required, except for the 4 piles at each mono joint which were driven to a top elev. of +5.00'.

RESTEEL INSTALLATION: Checked installation of resteel for bottom of E. Mono #85 and for the

~~VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)~~

top sections of E. Monos #48 & #86, and found all required resteel set and tied in accordance with approved shop drawings and steel schedule.

NO INSTRUCTIONS ISSUED THIS DATE.

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted ~~XXXXXX~~) for this (date/~~XXXXXX~~).

REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all personnel working on barges to be wearing properly fastened life vest. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 17 Jan 96	SUPERVISOR'S INITIALS gw	DATE 1/22/96
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/08/96

REPORT NO.: 329

SKIES: Clear + Cold

RAIN: 0
Icy and
Wet

IN. TEMP.: 25 MIN 48 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (0.0) NOISE: Moderate

* 50% Lost Production
Too Cold + Too Wet

WORK PERFORMED/LOCATION

1-6-96 Saturday - No Work Performed - Heavy Rains A.M.
 1-7-96 Sunday - No Work Performed - Hard Freeze
 1-8-96 Monday - B+K Construction - Wrecked forms at East Monoliths #87 and #47, then cleaned oiled and set these forms at East Monoliths #86 and #48. Also set top steel mats at East Monoliths #86 and #48. Patched tie-bolt holes and covered walls with wet burlene at East Monoliths #87 and #47. Worked on repair of I-wall forms, patching with bondo filler and epoxy. Cut off MP-112 sheet piles one foot below Fin. Grade from East B Sta. 95+00 to Sta. 94+75. Cut holes for rebar to pass through AZ-18 sheet piles at East Monolith #85. Installed one bond cable for cathodic protection at East Monolith Joint #83-82. Performed structural excavation from East B Sta. 94+20 to Sta. 93+80. Cement finishers completed repairs on West I-wall Monolith #152 (Flood Side Only) and East Monoliths #149 and #150 (Land side Only).
 Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 73+93.49 to Sta. 74+58.49 (36 pcs. at 21'-9" long each).
 Arcadia Rebar - Tied bottom reinforcing steel at East Monolith #85, and pre-tied one top steel mat for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) A Pprox.	COMPANY	LOCATION/WORK DESCRIPTION
11	Unskilled	70	B+K Const.	Wrecking and setting I-wall forms;
12	Skilled	92	"	Finishing I-Wall Concrete; Curing
2	Supt.	18	"	I-Wall Concrete; Repairing I-wall
1	Q.C. Rep.	9	"	forms; Cutting off existing MP-112 sheet piles; Performing structural excavation; Installing bond cables. (See Above);
2	Skilled	16	Gill's Crane	Driving new CZ-101 sheet piles
1	Unskilled	8	"	for I-Wall (See Above)
3	Skilled	9	Arcadia Rebar	Tying re-steel for new I-wall Monoliths (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	8	0	—
Komatsu D37P Dozer	—	Yes	3	5	—
Kubota 151 Excavator	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	3	5	
Case 580 Backhoe #2	—	yes	2	6	
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	NO	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	4	4	—
Welding Machine	—	NO	0	8	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc.#2	Removed	No	0	8	—
	—				
	—				

MATERIALS RECEIVED

None Received Today
Lafarge Concrete plant shut down due to extreme cold weather today.

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile driving work today near West B Sta. 72+50. Results are furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected sheet pile work performed today. Alignment was out of tolerance between West B Sta. 74+00 and 74+25 (approximate). Subcontractor (Bill's Crane Service) had to pull and redrive these few pairs of CZ-101. Alignment was corrected and found to be within 0.20' of theoretical centerline, OR less. Elevation on top of CZ-101 sheet piles was found to be +5.75, except for 2 pcs. of CZ-101 each side of the monolith joints which were driven down 9" lower. All piles were plumb within tolerances allowed, and interlocks were fully engaged throughout the length of all piles.

Inspected the structural excavation work done on the East Bank. Btm. of excavation was elev. +2.10, plus or minus 0.10'. All excavated area was free of stumps, roots, trash and other debris. Excavated material was suitable for backfill, and was placed on the Flood side of the new I-wall for future backfill and embankment work.

JOB SAFETY

Inspected scaffolds and ladders on I-wall forms as part of the pre-placement check-list today at East Monoliths #86 and #48. Carpenters had to secure mid-rails on scaffold at Mon. #48, walk boards and support brackets were in fair condition. Ladders were tied off at their tops to the scaffolding, and were also in good to fair condition.

REMARKS

Levee soil too wet for trucks today. Extreme Cold temperatures caused icing, which slows down the drying of soil. We hope to be able to pour concrete tomorrow, if drying conditions improve. No productive work could be accomplished today, however.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-9-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

262

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE 23 December 1995
thru 07 January 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
See attached CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION See Below%	BORROW EXCAVATION See Below%	EMBANKMENT See Below%	CONCRETE See Below%	STRUCTURE See Below%
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TEMPERATURE	
MINIMUM See QCR	MAXIMUM See QCR

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES 4.60"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1-4 hrs	OFFICE	LAYOUT	INSPECTION	TOTAL 1-4 hrs	LABOR
------------------------	--------	--------	------------	------------------	-------

FEET See QCR	TIME See QCR	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-174 hrs	SKILLED 18-887 hrs	LABORERS 17-1024 hrs	TOTAL 38-2085
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NUMBER OF SHIFTS

FROM 0700 M	TO 1730M	FROM M	TO M	FROM M	TO M
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1 2 3

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT.DEMO; CLEARING & GRUBBING
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

See attached CQC Reports for details of work performed during this period.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04, 18, 19 & 20 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12, 15 & 21 Dec 95, and 01, 02 & 03 Jan 96.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

See attached CQC Reports for details of work and delays during this period.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 51.1%
PERCENT TIME ELAPSED: 78.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

See attached Project Engineer's QA Report Supplement for details of CQC Inspection Phases attended during this period.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES

See attached Project Engineer's QA Report Supplement for details of QA Inspections performed during this period.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~date~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	4 hrs.	PE

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

See attached PE's QA Report Supplement.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

11 JAN 96

SUPERVISOR'S INITIALS

gw

DATE

11/12/96

* Corrected Figures & Percents due to different method of calculations.

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	74.8%	5.8%	80.6%	80.6%
03	SELECTIVE DEMOLITION	L.S.	L.S.	28.8%	6.0%	34.8%	34.8%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100%	-0-	100%	100%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	32.8%	2.1%	34.9%	34.9%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	69.2%	3.9%	73.1%	73.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100%	-0-	100%	100%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	109861.89	7572.75	117434.64	62.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	380.67	84.39	475.06	47.6%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	49.9%	1.4%	51.3%	51.3%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	57.6%	-0-	57.6%	57.6%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	9.6%	-0-	9.6%	9.6%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 1f	-0-	9315 1f	87.3%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	93.7%	1.3%	95.0%	95.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2%	-0-	69.2%	69.2%
22	FENCING (CIN-02)	L.S.	L.S.	100%	-0-	100%	100%
23	VECP, WALL RELIGNMENT (CIN-06)	L.S.	L.S.	*6.2%	-0-	*6.2%	*6.2%
24	VECP, PAYMENT FOR WALL REALIGNMENT (CIN-07)	L.S.	L.S.	*6.2%	-0-	*6.2%	*6.2%

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed subcontractor (Gill) setting up & mobilizing equipment on west side to walk cranes onto barge. Sheet piling was driven down & mats placed across shafts before was walked onto barge. Observed personnel cutting shaft piles to sl. 4.75' on west side between Mirabeau & Filmore Ave for temp. flood protection. Contractor had approx. 700' open to sl. 4.75 on job.

Instructions to COC/Remarks: Informal S&QC rep Jerry Justice that traffic lanes need to be protected prior to walking cranes onto barge. He informed me that sheet piling would be placed over the line to protect it.

Chris J. Wagner
Name

Proj Engr
Title

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed subcontractor
Gill's Crane Service striking & driving
steel sheet piling near Mirabeau Ave ^{STM.} 70 + 00 (approx)
 Contractor was just beginning driving operations
 but no difficult driving was observed or
 encountered. Level had been cleared &
 alignment was laid out by survey personnel.
 Steel I-beam template was used to align
 piles & level used to check plumbness.
 Observed laborers rubbing walls filling
 voids & holes with sand cement grout.

Instructions to COC/Remarks: None today.

Chris Wagner Proj Engr
 Name Title

FO CHECK OUT FOR

 STRUCTURE
 REINFORC. CONCRETE FLOODWALL

 JOB Lake Pontchartrain, LA. and Vicinity, London Ave
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

East # 47

LIFT NO.

ONE

ELEVATION

from 3.00 to 14.40

DATE OF POUR

1-5-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	1-5-96	1:30			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	1-5-96	1:30			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	1-5-96	1:35			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmg	1-5-96	1:40			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmg	1-5-96	1:40			
CLEANLINESS	✓	"	"			
RELEASING AGENT	✓	"	"			
TIES AND BOLTS	✓	"	"			
LENGTH 28.87'	✓	"	"			
WIDTH 1.75'-1.00'	✓	"	"			
HEIGHT 11.40'	✓	"	"			
WATERSTOPS	✓	"	"			
CHAMFER STRIPS	✓	"	"			
F. WEATHER PROTECTION	Jmg	1-5-96	1:45			
G. SAFETY (LIST)	Jmg	1-5-96	1:45			
1. Eye Protection	✓	"	"			
2. Ladder	✓	"	"			
3. Scaffold	✓	"	"			
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-5-96	1:50			
Exp. Material	✓	"	"			
FL-340 Anchors	✓	"	"			

I. EQUIPMENT USED	CONTRACTOR				C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405 Crane	1	Friction	2:50	2				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 66° ;
 AIR TEMPS = 72° ; 3 Test Cylinders (LA-119)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M Justice* C.O.E. REPRS: *None Present*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FO CHECK OUT FOR

 STRUCTURE REINFORC. CONCRETE FLOODWALLJOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

East # 87

LIFT NO.

ONE

ELEVATION

from 2.50 to 14.40

DATE OF POUR

1-5-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	1-5-96	11:50			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	1-5-96	11:50			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	1-5-96	11:55			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmg	1-5-96	12:00			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	1-5-96	12:00					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.45'	✓	"	"					
WIDTH 1.75'-1.00'	✓	"	"					
HEIGHT 11.90'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	Jmg	1-5-96	12:05					
G. SAFETY (LIST)	Jmg	1-5-96	12:05					
1. Ladder	✓	"	"					
2. Eye Protection	✓	"	"					
3. Scaffold	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-5-96	12:10					
Exp. Material	✓	"	"					
FL-340 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantie Crane	1	#3612	1:15	1 3/4				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4'14" ; AIR ENTR. = 5.9% ; CONCRETE TEMPS = 68° ; AIR TEMPS = 75° ; 3 Test Cylinders (LA-119)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jmg M Justice				C.O.E. REPRS: None Present				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FOR CHECK OUT FOR STRUCTURE REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 46 LIFT NO. ONE ELEVATION from 3.00 to 14.40 DATE OF POUR 1-4-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	1-4-96	11:05			
VERTICAL		"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	1-4-96	11:05			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	1-4-96	11:10			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	JmJ	1-4-96	11:15			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmg	1-4-96	11:15			
CLEANLINESS	✓	"	"			
RELEASING AGENT	✓	"	"			
TIES AND BOLTS	✓	"	"			
LENGTH 28.88'	✓	"	"			
WIDTH 1.75'-1.00'	✓	"	"			
HEIGHT 11.40'	✓	"	"			
WATERSTOPS	✓	"	"			
CHAMFER STRIPS	✓	"	"			
F. WEATHER PROTECTION	Jmg	1-4-96	11:20			
G. SAFETY (LIST)	Jmg	1-4-96	11:20			
1. Ladder		"	"			
2. Scaffold	✓	"	"			
3. Rigging Check	✓	"	"			
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-4-96	11:25			
Exp. Material		"	"			
FL-340 Anchors	✓	"	"			

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	12:30	3				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS
 SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 56°-58° ;
 AIR TEMPS = 60°-61° ; 3 Test Cylinders (LA-118)

FINAL CLEARANCE
 CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: None Present

INSTRUCTIONS
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FOR CHECK OUT FOR

STRUCTURES
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 88

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 1-4-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	1-3-96	1:20			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	1-3-96	1:20			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	1-3-96	1:25			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmd	1-3-96	1:30			
CONDITION	✓	"	"			

ITEM	UNINSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	1-3-96	1:30					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.45'	✓	"	"					
WIDTH 2.25'-1.00'	✓	"	"					
HEIGHT 11.90	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	Jmg	1-3-96	1:35					
G. SAFETY (LIST)	Jmg	1-3-96	1:35					
1. Eye Protection	✓	"	"					
2. Ladders	✓	"	"					
3. Scaffolds	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	1-3-96	1:40					
Exp. Material	✓	"	"					
FL-340 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	# 3612	9:20	2 1/4				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 56°-58° ; AIR TEMPS = 44°-50° ; 3 Test Cylinders (LA-118)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: NONE PRESENT				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FOR CHECK OUT FOR

STRUCTURE
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 45

LIFT NO.

ONE

ELEVATION

from 3.00 to 14.40

DATE OF POUR

12-27-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	12-27	12:00			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmf	12-27	12:00			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	12-27	12:05			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmf	12-27				
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMD	12-27	12:05					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.88'	✓	"	"					
WIDTH 1.75'-1.00'	✓	"	"					
HEIGHT 11.40'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	JMD	12-27	12:10					
G. SAFETY (LIST)	JMD	12-27	12:10					
1. Ladder	✓	"	"					
2. Scaffold	✓	"	"					
3. Rigging	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	JMD	12-27	12:15					
FL340 Anchors	✓	"	"					
Exp. Material	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	#535	12:40	3				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 52° ; AIR TEMPS = 54° ; 3 Test Cylinders (LA-117) FINAL CLEARANCE							
CONTRACTOR REPRS:	Joseph Justice			C.O.E. REPRS: None Present				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FOR CHECK OUT FOR STRUCTURE REINFORC CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH East 89 LIFT NO. ONE ELEVATION from 2.50 to 14.40 DATE OF POUR 12-27-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	12-27	11:30			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	12-27	11:30			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	12-27	11:35			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmd	12-27	11:40			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	12-27	11:40						
CLEANLINESS	✓	"	"						
RELEASING AGENT	✓	"	"						
TIES AND BOLTS	✓	"	"						
LENGTH 28.50'	✓	"	"						
WIDTH 2.25'-1.00'	✓	"	"						
HEIGHT 11.90'	✓	"	"						
WATERSTOPS	✓	"	"						
CHAMFER STRIPS	✓	"	"						
F. WEATHER PROTECTION	Jmj	12-27	11:45						
G. SAFETY (LIST)	Jmj	12-27	11:45						
1. Ladder	✓	"	"						
2. Scaffolding	✓	"	"						
3. Rigging	✓	"	"						
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	12-27	11:50						
FL340 Anchors	✓	"	"						
Exp. Material	✓	"	"						
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Mantis Crane	1	#3612	12:10	1.5					
Bucket	1	1.0 Coy.	"	"					
Vibrator	1	18" shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 53° ;								
	AIR TEMPS = 54° ; 3 Test Cylinders (LA-117)								
FINAL CLEARANCE									
CONTRACTOR REPRS:					C.O.E. REPRS:				
Jerry M. Justice					None Present				
INSTRUCTIONS									
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.									

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 1/05/96

REPORT NO.: 328

SKIES:

RAIN: 0

IN. TEMP.: 52 MIN 72 MAX

DUST: Minimal

LEEVE CONDITION: Dry

CANAL GAUGE: (1.2) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - Wrecked forms at East Monoliths #46 and #88 after 18 hours time had elapsed since completion of concrete placement. Patched tie-bolt holes and covered these monoliths with wet burlap blankets. Set forms and poured concrete at East Monoliths #87 and #47 today. Completed fabrication of sheet pile connections for East Bank at 84+30±. Cleared trees and vegetation from West B sta. 81+50 through Sta. 84+65 (approximate). Performed general clean-up on the levee, and cleaned mud off of streets before the weekend. Cement finishers completed West Mono's #149 #150, and #151 (Flood Side Only) and East Mono's #88 (Canal Side Only).
- ② Gill's Crane Service - Moved sheets into position along the West Bank for ease of handling next week. Drove sheet pile corner and tie-in pieces at East Bank Sta. 84+30. No CZ-101 sheets driven today.
- ③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #49 and #86, then pre-tied two more re-steel mats for future placement in I-Wall stems.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	120	B+K Const.	Wrecking and setting up I-Wall forms; Pouring concrete at I-Wall
11	Skilled	100	"	Monoliths; Fabricating PSA-23
2	Supt.	19	"	Sheet pile connections; Clearing trees; Finishing I-Wall Concrete (See Above)
1	Q.C. Rep.	9.5	"	
3	Skilled	21	Gill's Crane	Driving PSA-23 piles at connection to existing floodwall (See Above)
1	Unskilled	7	"	
4	Skilled	12	Arcadia Rebar	Tying reinforcing steel for new I-Wall, (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	6	2	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	6	2	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	3	5	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	Removed*	yes	3	5	yes
6" diesel pump	Removed*	No	0	8	—

MATERIALS RECEIVED

Received 19 cu. yards of concrete for East Mon. #87, and 17 cu. yards of concrete for East Mon. #47 today. All material was Lafarge Concrete Company's Mix #44-C. Delivery tickets were furnished to Proj. Inspector Zane Bryant as required.

TESTS PERFORMED

(As required by plans/specifications)

BTK Const. Co. tested Lafarge's concrete mix #44-C delivered to the job today. Results can be found on the Concrete Field Data Summary Sheet, attached to this report.

Delta Testing monitored vibrations caused by sheet pile driving today. Results are reported to the Orleans Level Board only.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected concrete formwork and placement today. Forms were checked out and signed off prior to placement of concrete. Re-steel had to be adjusted on East Mon. # 47, and bar supports were added as needed. No other problems were found upon pre-placement inspection.

Concrete for each monolith was slumped and water added as needed to reach the desired 4" slump for best workability and results. Placement was achieved by means of a crane and 1 cu. yard concrete bucket. Hoppers and trimmie trunks of 3 different lengths were used to keep vertical drop of concrete to less than 5'. Placement was accomplished in layers of 18" each, and vibrated one at a time. Some re-vibration was necessary to remove trapped air from the mixture.

Burlene blankets were placed over the freshly placed concrete and forms for cold weather protection.

JOB SAFETY

Locked access gates and secured equipment before leaving for the weekend. Booms, blades, and buckets were lowered to the ground on all construction equipment.

Checked workers for hard hats on the jobsite - No violations were found today.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

1-8-96

Date

B & C CONSTRUCTION COMPANY, INC
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-5-96

Pour Location East I-Wall Monolith #87 and #47

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 psi
 at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
300598	1:18	2:06	4.25°	-0-	4.25 ^x	68° 75°	5.9	3	1:25	10
300639	2:28	3:00	3.0°	5gal	3.75°	67° 73°	-	-	2:35	9
300648	2:50	3:18	3.0°	5gal	4.0 ^x	66° 72°	5.2	-	2:55	6
300660	3:25	4:10	3.0°	5gal	4.0°	66° 72°	-	-	3:30	6
300671	4:19	4:57	3.0°	5gal	4.0°	65° 72°	-	-	4:25	5

REMARKS: Test Cylinder Set #LA-119

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Home

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 1/04/96 REPORT NO.: 327
 SKIES: pt. Cloudy RAIN: 0 IN. TEMP.: 33 MIN 58 MAX
 DUST: NONE LEVEE CONDITION: Damp CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Placed concrete at East I-Wall Monoliths #46 and #88 today, as well as in Stab. Slab from East B Sta. 95+10 to 94+40. Welded #6 rebar on top of A2-18 sheet piles at East Mono's #86 and #87. Cut off existing MP-115 sheet piles one foot below F.G. from West B Sta. 109+40 to Sta. 108+85. Began drilling holes for sheet pile tie-in bolts at East B 84+30±. Cement finishers completed patching and repairs of East Monoliths #146, #147, and #148 (Flood Side Only); also completed East Mono. #89 (finished both sides).

Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 72+56.50 to Sta. 73+93.40 (76 pcs. at 2'-9" Long each)

Arcadia Rebar - Tied bottom steel at East Monoliths #47, #48, and #87. Also pre-tied one top re-steel mat for future placement in I-Wall stems.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	125	B+K Const.	Pouring concrete for I-Wall and
11	Skilled	100	"	stab. Slab; Welding bond bars
2	Supt.	19	"	(#6 rebar) on top of A2-18's;
1	Q.C. Rep.	9.5	"	Cutting off existing MP-115
				Sheet piles; Working on sheet
				pile connection to existing floodwall;
				Finishing I-Wall concrete (See Above)
3	skilled	24	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	8	"	Piles on the West Bank.
				(See Above)
4	skilled	8	Arcadia Rebar	Tying re-inforcing steel for
				I-Wall Monoliths (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
	—				
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	NO	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes			—
Welding Machine	—	yes			—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
6" diesel pump	—	No	0	8	—
EMV-300 Vib. Hammer	—	REMOVED			
Koehring 535 Crane	—	yes	8	0	—

MATERIALS RECEIVED

Received 19 cubic yards of concrete for East Mono. # 88, 17 cubic yards of concrete for East Mono. # 46, and 8 cu. yards of concrete for East Bank Stabilization slab (See page 1 for station Numbers). All of this concrete was Lafarge's mix Design #44-c.

Also received one 4" x 8" angle (bent plate) for connection to existing floodwall at East & 84+30.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested concrete delivered by Lafarge Conc. Co. today. Results of these tests can be found on the attached Concrete Field Data Summary Sheet.

Delta Testing monitored vibrations caused by sheet pile driving work near west & sta. 72+00. Results are furnished to the Orleans Levee Board only.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked Sheet pile driving work done today on the West Bank. Piles were Casteel CZ-101 sheet piles 21'-9" long each piece, fully interlocked throughout the length of each pile. Alignment of Sheet piles was found to be acceptable ($\pm 0.20'$ either way from \odot at the worst point) and generally less than 0.12' off of perfect alignment. Plumbness was found to be within $\frac{1}{8}$ " per foot in both directions. A steel beam was used as a driving template, and was secured at each end by spuds to prevent accidental movement. Cut off grade was +5.75 on all CZ-101 sheet piles except at each monolith joint, where 2 piles were driven 9" lower on either side of the joint (per contract drawing #18).

Checked cut-off of existing MP-115 Sheet piles on the West Bank. Sheets were torch cut at approx. elev. +4.00 OR 1' below fin. grade, then cut in to smaller sections for easy handling. Removal and disposal of scrap sheets has not been completed yet.

JOB SAFETY

An additional safety meeting was called today for 3:30 p.m. on the jobsite by Project Manager Blake Andrews. A recent accident with injury on another B&K jobsite prompted this meeting. Topics of today's safety discussion were: equipment safety, including operating near personnel; personal protective wear for different types of work; General housekeeping, and hazardous material handling and safety.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

1-8-95
Date

B K CONSTRUCTION COMPANY,
 LOND AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 1-4-96

Pour Location East I-Wall Monolith #88 and #46; East Bank
Stabilization Slab from Sta. 95+10 to sta. 94+40.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 PSI
 at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.		
300122	9:00	9:58	3.0°	5gal	3.75 ^x	56°	44°	5.0	-3-	9:30	9	
300134	9:15	11:40	1.5°	20gal	3.50°	58°	50	-	-	10:10	10	
300235	12:33	1:36	1.0°	37gal	4.0 ^x	60°	56°	5.3	-	1:00	6	
300245	12:45	2:35	1.0°	20gal	4.0°	61°	56	-	-	1:55	6	
300268	1:40	3:35	2.0°	10gal	4.0°	61°	58°	-	-	2:35	5	
300228	Stabilization		Slab	Concrete - Ticket Lost							→	8

REMARKS: Test Cylinder Set #LA-118

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
 Steve Home

(QUALITY CONTROL REPORT ()
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 1/03/96

REPORT NO.: 326

SKIES: Cloudy - Pt. Cloudy RAIN: 0

IN. TEMP.: MIN 38° MAX 45°

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE: (1.4) NOISE: Moderate

*

Too Wet for Trucks
 on the Levee Today.

WORK PERFORMED/LOCATION

B+K Construction - Completed forming East I-wall Monoliths #88 and #46 (could not place concrete due to wet soil). Cut off existing MP-115 sheet piles 1' below F.G. from West B sta. 109+90 to sta. 109+40. Cement finishers completed patching and repairs on all East Bank Monoliths poured between Mirabeau + Filmore, then moved scaffolds to West Bank. Completed finishing work on West Monoliths #143, #144, and #145 (Flood Side Only). Second finishing crew completed patching & repair of East Monolith #90 (both sides). Began work on tie-in of sheet piles at East B sta. 84+30±.

Gill's Crane Service - Drove new CZ-101 sheet piles from West B sta. 71+51.90 to sta. 72+56.50 (58 pieces at 21'-9" Long each piece). Also pulled up existing MP-115 sheet at East B sta. 84+30 to have connection made to new CZ-101 sheet piles here.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
16	Unskilled	140	B+K Const.	Forming I-wall Monoliths;
11	Skilled	95	"	Finishing I-wall concrete;
2	Supt.	18	"	Cutting off existing MP-115
1	Q.C. Rep.	9.5	"	sheet piles; starting work
				on sheet pile tie-in; Too wet
				to bring trucks on the levee.
				(See Above)
3	Skilled	24	Gill's Crane	Driving new CZ-101 sheets
1	Unskilled	8	"	for I-wall; making tie-in
				to existing sheets. (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
	—				
Komatsu D37P Dozer	—	YES	2	6	—
Kubota 151 Excavator	—	NO	0	8	—
Case 580 Backhoe #1	—	YES	3	5	—
Case 580 Backhoe #2	—	YES	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	YES	8	0	—
Fiat-Allis MotorGrader	—	NO	0	8	YES
Mantis 3612 Crane	—	YES	5	3	—
Koehring 405 Crane	—	YES	5	3	—
J.S.W. Excavator	—	YES	3	5	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	YES	4	4	—
6" diesel pump	—	NO	0	8	—
Emv-300 Vib. Hammer	Departed				
Koehring 535 Crane	—	YES	8	0	—

MATERIALS RECEIVED

None Rec'd. Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the West Bank near B Station 72+00. Results are furnished to the Orleans Levee Board only.

No other Tests Performed Today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the T-wall formwork and reinforcing steel at East Monolith # 88 today. Concrete placement is scheduled for early tomorrow morning. "Form check out for Reinforced Concrete Flagwall" (LMN Form 1246) was completed today in conjunction with this inspection. No problems were found with any re-steel or embedded items. The top of wall elevation was checked and found to be correct within 0.01'. Alignment was checked with string-line and plumb-bob, and also found to be correct. Form condition was fair, and forms had been cleaned and oiled prior to being set in place.

Checked alignment of C2-101 sheet piles from West B sta. 71+50 to 72+50 (approximately). All piles were found to be within 0.00 of the theoretical alignment. Cut-off elevation was +5.75, except at each monolith joint where cut-off was +5.00 for 2 pcs. on each side of the joint.

JOB SAFETY

Checked lifting brackets and bolts on one set of T-wall forms. I instructed the carpenters to check brackets, bolts, slings and spreader beams on the remaining forms today. No defects, damage, or excessive wear was detected.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

1-4-96
Date

(QUALITY CONTROL REPORT)
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 1/02/96

REPORT NO.: 325

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 40 MIN 60 MAX

DUST: None

LEEVE CONDITION: Wet

CANAL GAUGE: (2.4) NOISE: Moderate

* Too Wet for Productive
 WORK Today (50% Last Production) WORK PERFORMED/LOCATION

12-30-95 Saturday - No Work - Rainfall = 2.0"

12-31-95 Sunday - No Work - Rainfall = 1.1"

1-01-96 Monday - No Work - Rainfall = 0.4"

① 1-02-96 Tuesday B&K Construction - Too wet for any trucks on the levee. Wrecked forms at East Monoliths #89 and #45. Cleaned and oiled these forms, patched tie-bolt holes at #89 and #45, and then covered these monoliths with burlene blankets. Set canal side forms and top re-steel mats at East Monoliths #88 and #46. Welded #6 rebar on top of AZ-18 Sheet piles at East Mono. #88. Installed 2 bond cables at East Monolith joints #85-84 + #84-83. Cut off MP-112 sheet piles 1' below F.G. from East B Sta. 95+20 to Sta. 95+00. Cut off MP-115 sheet piles 1' below F.G. from West B Sta. 110+30 to Sta. 109+90. Continued form repair at Filmore on the East Bank. Cement finishers completed repairs on East Monoliths #92 and #91, both sides. Also finished both sides of East Monolith #45.

② Gill's Crane Service - Drove new C2-101 sheet piles (21'-9" long) from West B Sta. 70+86.79 to Sta. 71+51.90 (36 pcs. x 21.75' x 1.804')

③ Arcadia Rebar - Tied 2 top resteel mats for I-wall stems on the East Bank, for East Monoliths #88 and #87. (B&K Const. placed steel at #88 today)

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
16	Unskilled	115	B&K Const.	Wrecking & Setting up I-wall forms; Cleaning & repairing I-wall forms; Cathodic Protection work; Cutting off MP-112 and MP-115 sheet piles; Finishing concrete surfaces of I-wall Monoliths. (See Above)
11	Skilled	75	"	
2	Supt.	16	"	
1	Q.C. Rep.	8.5	"	
2	Skilled	16	Gill's Crane	Driving new C2-101 sheet piles on the West Bank (See Above)
1	Unskilled	8	"	
2	Skilled	6	Arcadia Rebar	Tying re-steel top mats for I-wall construction.

EQUIPMENT

DESCRIPTION	HRR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
J.S.W. Excavator	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	NO	0	8	yes
Mantis 3612 Crane	—	yes	5	3	—
KOMATSU EXC. 200 #2	—	yes	3	5	—
Compressor/Sandblaster	—	No	0	8	—
6" diesel pump	—	No	0	8	—
KOEHRING 535 CRANE	—	yes	8	0	—
KOEHRING 405 CRANE	—	yes	5	3	—
Welding Machine	—	yes	1	7	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the West Bank near station 72+00 (to check vibrations caused by construction equipment and sheet pile driving operations). Results are furnished only to the Orleans Levee Board.

No other tests performed today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the bond cables cadwelded to the AZ-18 sheet piles on the East Bank today. Cathodic protection cables were "Kalas Mfg. #4 AWG HMW/PE". Cadwelds were CA#25 by Enico Products, and epoxy coating caps were "Handy-Caps" by Royston Laboratories. AZ-18 sheet piles were cleaned and ground by wire-wheel grinder to remove all coal tar, dirt and rust. Welds were checked to make sure the bond cables were well bonded to the sheet piles. Epoxy caps were placed over the exposed part of the bond cables and the weld itself. Location of the bond cables was 4" to 6" below bottom of stab. slab, and cables were attached to the AZ-18 sheet piles (on the land side) at each side of the mono. joints shown on page 1. Existing soil was placed in backfill over the completed bond cables and then compacted by hand.

Also checked the placement of CZ-101 sheet piles on the West Bank today. Piles were 21'-9" long, fully interlocked, and driven to cut-off elev. of +5.75. Plumbness was found to be within $\frac{1}{8}$ " per foot in both directions. Alignment was correct within 0.20' at the worst point; out towards the Canal side.

JOB SAFETY

Held the weekly safety meeting at the Pratt Drive construction yard this morning at 7:00 AM. Minutes of the meeting are attached to this report.

I stressed the importance of verifying that the electric feeder cables are de-energized prior to starting any equipment each day. Foremen and operators were told never to attempt to work near energized cables.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

1-3-95

Date

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/29/95

REPORT NO.: 324

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 36 MIN 56 MAX

DUST: Minimal

LEEVE CONDITION: Dry

CANAL GAUGE: (1.0) NOISE: Moderate

*

50% Lost Production -
 Too Cold to wreck

WORK PERFORMED/LOCATION

B+K Construction - Too Cold to wreck I-Wall forms today. Set up a heater at East Mono. #89 to keep air temp. above 50° inside burlene blankets. Performed structural excavation from East B 95+00 to sta. 94+20, and set stabilization slab forms from East B sta. 95+10 to sta. 94+30 (Not poured yet). Demolished existing floodwall from West B sta. 72+90 to sta. 73+75. Existing MP-115 Sheet Piles were cut at +6.75 previously through West B station 73+80 for Temporary Flood Protection. Hauled off demolished concrete cap sections to landfill today. Also demolished existing floodwall between West B sta. 70+47 to sta. 71+20 (not hauled off yet). Continued repair on I-Wall forms on the East Bank near Filmore Ave. Cement finishers completed repair of East Monoliths #92 and #91, and East Monoliths #43 and #44 (both sides).

Gill's Crane Service - Drove new CZ-101 sheet piles 21'-9" long each from West B station 70+47 to sta. 70+86.70.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO TRADE HOURS (Approx.) COMPANY LOCATION/WORK DESCRIPTION

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	115	B+K Const.	Structural excavation; demolishing
11	Skilled	85	"	existing floodwall; Cold weather
1	Supt.	9	"	curing of I-wall concrete;
1	Q.C. Rep.	9	"	Cutting off existing MP-115 sheet
				piles; Repairing I-Wall forms;
				Finishing concrete surfaces of
				I-wall monoliths.
2	Skilled	16	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	8	"	piles on the West Bank
				(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu D37P Dozer	—	YES	1	7	—
Kubota 151 Excavator	—	Yes	4	4	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	NO	0	8	—
MKT Vibro Hammer V-5	—	Yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	3	5	—
Koehring 405 Crane	—	yes	4	4	—
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	NO	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	6	2	—
6" diesel pump	—	NO	0	8	—
Emv-300 Vib. Hammer	—	NO	0	8	—
Koehring 535 Crane	—	yes	8	0	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing's technician monitored vibrations caused by pile driving operations today. Results of these tests are furnished only to the Orleans Levee Board. No excessive vibrations were recorded today (West Bank near B station 72+00), according to the Delta Testing technician on site today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked the surrounding air temperature at East Monolith #89 after heater was set up. Within one hour of heater start-up, Land Side air temp. = 80° ; Flood Side Temp. = 65° ; Temp. of air at top of F-wall = 90° . East Monolith #45 was not heated, but burlene blankets were used to keep this monolith isolated from the cold air temperatures. Daytime temps reached 50° at 11:00 AM and stayed above 50° until 5:00 PM.

Checked demolition of existing concrete floodwall on the West Bank. Existing MP-115 sheets were torch-cut off at elev. +6.75 for Temp. Flood Protection. The concrete cap was pulled over and allowed to fall on the Land Side of the levee. Then the 40' sections were broken up into smaller more manageable pieces and loaded into haul trailers by the Komatsu 200 Excavator. Loose concrete debris was picked up and loaded into haul trucks at the same time.

JOB SAFETY

Flagmen were provided to stop traffic for haul trucks on Mirabeau Avenue today. Orange vests and flags were used by flagmen for safety's sake.

Checked the access gates and equipment on the levee before leaving today. Gates were locked, and equipment was secured at 5:00 PM.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice

Authorized Q C Representative

1-2-95

Date

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/28/95

REPORT NO.: 323

SKIES: Cloudy - Cold

RAIN: 0

IN. TEMP.: 35 MIN 43 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.8) NOISE: Moderate

* 50% Lost Production
 Due To Cold Weather,

WORK PERFORMED/LOCATION

B+K Construction - Could not wreck I-wall forms today due to cold weather. Demolished existing floodwall from West B station 71+60 to 72+90 (not hauled off yet). Carpenters worked on repair of I-Wall forms on the East Bank between Mirabeau and Filmore, preparing for West Bank I-Wall work. Repaired silt fence and safety fence along the East Bank near sta. 75+00 and 80+00. Cut holes for rebar to pass through AZ-18 sheet piles at East Monoliths #86 and #85. Cut off existing MP-112 sheets one foot below Fin. Grade from East B station 95+70 to sta. 95+20. Cut off existing MP-115 sheet piles one foot below fin. grade from West B sta. 110+60 to sta. 110+30. Survey crew established I-Wall Centerline from West B sta. 70+47 to 74+92 (P.I.) - Field Notes to Follow.

Gill's Crane Service - Setting up for sheet pile driving on the West Bank at Mirabeau Avenue. Work will start tomorrow here driving new AZ-101. Moved the Koehring 535 Crane onto the barge at Mirabeau Ave.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY

NO TRADE HOURS APPROX. LOCATION/WORK DESCRIPTION

NO	TRADE	HOURS APPROX.	COMPANY	LOCATION/WORK DESCRIPTION
10	Unskilled	120	B+K Const.	Demolishing existing floodwall;
13	Skilled	100	"	Repairing I-wall forms;
1	Supt.	9	"	Repairing silt fence/safety fence;
1	Q.C. Rep.	9	"	Miscellaneous cutting of sheet piles;
				Layout of West Bank I-wall centerline
2	Skilled	10	Gill's Crane	Setting up to drive new sheet piles for I-wall (see Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	—	—	—
Komatsu D37P Dozer	—	YES	2	6	—
Kubota 151 Excavator Concrete Breaker	—	Yes	6	2	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	Yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	3	5	—
Koehring 405 Crane	—	Yes	3	5	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	6	2	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—
Koehring 535 Crane	—	Yes	3	5	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

I-Wall forms could not be wrecked today due to cold weather. Burlene blankets were draped over East Monoliths # 89 and # 45 and secured to protect fresh concrete from the cold (since yesterday). Heaters will be used tomorrow if necessary, and from now on, to permit wrecking and moving of forms as soon as possible.

Checked demolition of existing concrete floodwall on the West Bank today. Sheet piles had been previously torch-cut at elev. +6.75, with small sections left uncut for safety. The Komatsu 200 Excavator and J.S.W. Excavator were then used to hold the concrete cap sections in place while the remainder of the sheet piling was cut at +6.75. Next, concrete sections were pulled over to fall on the Land Side Levee Crown and broken up into ±13' long sections for loading out. Haul trucks will remove these concrete caps and any other concrete debris beginning tomorrow. Disposal will be at an area landfill, concrete recycling plant, or at Orleans Levee Board property along Lake Pontchartrain for foreshore protection.

JOB SAFETY

Gill's Crane Service (Gill Audibert and Brett Audibert) was informed that Life vests/work vests must be worn by all employees working over or near the water. Mr. Audibert said that he would comply.

Gill's Crane also was told that the Koehring Crane on the barge must be tied down or secured to prevent unwanted movement.

REMARKS

Amb. Air Temperature never reached 50° today. B+K Const. Co. purchased heaters to warm the air surrounding I-Wall Monoliths to 50° or above for 18 hours after completion of concrete placement. (NOT USED TODAY)

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-29-95
Date

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/27/95

REPORT NO.: 322

SKIES: Pt, Cloudy - Cloudy RAIN: 0

IN. TEMP.: 36° MIN 56° MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B&K Construction - Wrecked forms at East Monolith #90. Cleaned and oiled these forms before setting them at East Monolith #89. Patched tie-bolt holes at East Monoliths #90 and #45 today, then covered these walls with wet burlene blankets. Placed concrete at East Monoliths #89 and #45 today (Re-steel mat and forms were set today by B&K Construction at East Monolith #45). Also placed concrete at East Bank stabilization slab between station 95+80 and 95+10. Installed three bond cables prior to concrete placement at East Monolith Joints #88-87, #87-86, and #86-85. Cut holes for rebar to pass through AZ-18 sheet piles at East Monoliths #88 and #87. Unloaded 18 monoliths of reinforcing steel at West Bank - Mirabeau. Worked on the repair of forms on the East Bank. Cement finishers completed patching and repairs on East Monoliths #148 (Land Side Only), and East Monoliths #40, #39 and #38 (Flood Side Only).

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
16	Unskilled	140	B&K Const.	Wrecking + setting up
13	Skilled	115	"	I-Wall forms; Finishing +
1	Supt.	10	"	patching I-Wall Concrete; Placing
1	Q.C. Rep.	10	"	concrete for I-Wall and
				Slab. Slab; Repairing I-Wall
				forms; Curing I-Wall Monoliths
				(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	Departed No		0	8	—
Komatsu D37P Dozer	—	yes	1	7	—
Kubota 151 Excavator	—	yes	3	5	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	4	4	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	4	4	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—
Koehring Crane (535)	—	yes	4	4	—

MATERIALS RECEIVED

Received 19 cubic yards of concrete for East Mono. #89; 17 cu. yards of concrete for East Mono. #45; and 8 cubic yards of concrete for stabilization slab between East B sta. 95+80 and 95+10. All concrete received today was Mix Design #44-C from Lafarge Conc. Co.

Also received reinforcing steel from Culich Steel Co. for West I-Wall Mono's #1 thru #18 today.

TESTS PERFORMED

(As required by plans/specifications)

B&K Const. Co. performed concrete tests and inspection on Lafarge Conc. Co's Mix Design #44-C today. Slumps, Air contents, and Temperatures were checked and recorded at both wall placement locations today. See attached Concrete Field Data Summary sheet.

— Inspections Performed —

Inspected the bond cables installed at East Monolith Joints today (see page 1). Location of jumper cables was approximately 4" to 6" below bottom of stable slab. One end of the wire was cadwelded to the land side face of each AZ-18 sheet pile on e h side of the Monolith Joints. Welds were checked for proper bonding to sheet pile metal before placing epoxy caps over exposed wire. Backfill material was placed over the bond cables up to sub-grade elevation.

Checked Stabilization slab work done for compliance with contract plans and specs. (See page 1 for location of work). Top of slab elevation was +2.45 (slab left 2.05' low for shims). Sub-grade elev. was +2.10, yielding a 4 1/4" slab thickness. Width of stab. slab was approximately 5.50'; 3.0' from $\&$ towards the land side and 2.5' towards the Canal side. Concrete used was Lafarge Conc. Co's mix #44-C (3000 psi at 90 days).

JOB SAFETY

Held the weekly safety meeting today at 7:00 AM on the jobsite. See the attached minutes for details.

Checked workers for eye protection at concrete placement sites. Cement finishers and laborers were wearing safety glasses while placing or chipping concrete.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-28-95

Date

B & CONSTRUCTION COMPANY, INC
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 12-27-95

Pour Location East I-Wall Monolith # 89 + 45; stabilization slab between East B sta. 95+80 to 95+10

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used # 44-C

Required Strength 3000 psi at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
298955	12:12	12:48	3.25 ^o	5 Gal	3.75 ^x	53 ^o	54 ^o	5.0	3	12:25	10
298966	1:00	1:30	2.0 ^o	20 Gal	4.0 ^o	53 ^o	54 ^o	-	-	1:05	9
298978	12:40	1:27	2.5 ^o	15 Gal	4.0 ^x	52 ^o	54 ^o	5.3	-	12:50	9
299034	2:33	3:26	2.5 ^o	15 Gal	4.0 ^o	53 ^o	54 ^o	-	-	3:35	8
299037	3:12	4:19	1.5 ^o	20 Gal	4.0 ^o	53 ^o	54 ^o	-	-	3:20	8

REMARKS: Test Cylinder Set # LA-117

NOTE: "x" = Acutal Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

MINUTES OF SAFETY MEETING

DATE: 12-27-95

TIME: 7:00

PROJECT: London Avenue Canal Floodwall
DACW 29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Gregory Jackson
Robert Justice
Robert J. O'Leary
Robert Brown
Matthew R. Duttles
Rick Williams
Casper Johnson
James Ribell

Steve Thome
Eric Bailey
Ed M. Brown
Russell Moore
William Zurcher
Dillie Dillon
Bryan Verdun
Eugene Ramirez
JEN M. WEAVER
Bruce Penner Jr.
Eddie M Bridges
Chris Van Dale
Jerry Justice

TOPICS DISCUSSED:

Jerry Leonard
Thomson
Matt Allett

* Discussed the location and use of the M.S.D.S. File by employees. Informed workers that they should review M.S.D.S. information on products that they use frequently for their own protection. Talked about ladders and scaffolds on the jobsite. Asked if any crew is in need of a new ladder. All workers said that they had good ladders as of today. Ladders must be tied off, set up on stable ground, and extend 3' above the work platform.

COMMENTS:

Toeboards on T-wall scaffolds at Threblean -> Filmore needed attention upon inspection last week. One section of toe board needed replacing. Carpenters were informed today.

Jerry Justice
CONTRACTOR'S SUPERINTENDENT

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/26/95

REPORT NO.: 321

SKIES: Cloudy

RAIN: 0 IN. TEMP.: 36 MIN 55 MAX

DUST: Minimal / LEVEE CONDITION: Dry CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

12-23-95 Saturday - No Work Performed
 12-24-95 Sunday - No Work Performed
 12-25-95 Monday - Christmas Day - No Work Performed
 12-26-95 Tuesday - B+K Construction - Wrecked forms at East Monolith #44. Removed foam and grout used to block out for tapered frac. fin, then cleaned and oiled forms. Demolished existing floodwall from East B Sta. 83+10 to Sta. 84+30, and from West B Sta. 71+20 to Sta. 71+60 (approximate) to facilitate loading crane onto barge. Hauled off these concrete sections, as well as concrete debris from West Bank grubbing work, to landfill today. Performed structural excavation from East B station 95+80 to Sta. 95+00. Set forms for Stabilization Slab from Sta. 95+80 to Sta. 95+10 (Not poured yet). Cut holes for rebar and welded #6 rebar on top of AZ-18 sheet piles at East Mono #89. Cement finishers completed land side repair of East Monoliths #145, #146, and #147. Also finished Flood side of East Monoliths #43, #42, and #41. Carpenters worked on repair of I-wall forms on the East Bank near Filmore Ave.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS Approx.	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	110	B+K Const.	Wrecking I-wall forms;
10	Skilled	80	"	Repairing forms; finishing
1	Supt.	9	"	I-wall concrete; demolishing
0	Q.C. Rep.	—	"	exist. floodwall; Removing
				debris from demolition and
				grubbing work; Misc. burning
				and welding for I-wall;
				East Bank struct. excavation.
				(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	3	5	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	Yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	1	7	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	4	4	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	6	2	—
6" diesel pump	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—
Koehring Crane 535	—	Yes	2	6	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected demolition of existing floodwall on the East and West Bank today. Existing sheet piles were cut at elev. +6.75 for Temp. Flood Protection, the concrete cap was then pulled off the sheets with the excavator and allowed to fall on the land side of the levee. Forty foot sections were broken into smaller sections for loading into haul trucks. The concrete sections were hauled to either an area landfill site, or to Barriere Construction's Recycling Plant. No damage was done to existing structures or the feeder line cables.

Inspected the grubbing work done on the West Bank at ± station 70+50 today. All concrete and other debris was removed to a depth of 3' below bottom of Stabilization slab. All this debris was loaded into dump trucks and hauled off to landfill.

JOB SAFETY

Checked the first aid kit and supplies at the field office. Re-ordered more band-aids, hydrogen peroxide, burn ointment, etc.

Checked Emergency Phone Numbers posted in the office trailer. For a true emergency, "911" is posted on the wall. For minor injuries, doctor's and ambulance numbers are posted.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry M. Justice
Authorized Q C Representative

12-27-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

261

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Friday
22 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Rain & Sleet

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50 %	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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TEMPERATURE

MINIMUM 32°	MAXIMUM 42°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.15"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-14 hrs	SKILLED 16-68 hrs	LABORERS 15-64 hrs	TOTAL 32-146
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FROM 0700 M	TO 1430 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING AZ-18 SHEET PILES
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Placed concrete for E. Mono #90; Cut-off existing MP-112 and MP-115 sheet piles; Jobsite clean-up.
- b) Cut-off existing AZ-18 sheet piles

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04, 18, 19 & 20 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12, 15, 21 & 22 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K and Gill this date. However, rain and sleet shut-down all operations at approx. 1200 hrs. this date.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 48.6%
PERCENT TIME ELAPSED: 76.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
 - CUTTING OFF EXISTING AZ-18 SHEET PILES: No instructions issued.
 - SELECTIVE DEMOLITION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QOC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on E. Mono #90 this date prior to concrete placement (see attached LMN Form 1246). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E. Mono #90 this date. Noted that concrete was not being allowed to drop more than 5' by use of trimmie chutes, concrete was placed in lifts of less than 18", and concrete was well vibrated.

SELECTIVE DEMOLITION: Noted that B&K has cut-off the existing MP-112 sheet piles from between EB/L Sta's 95+70 & 96+00 at approx. elev. +3.50', and cut-off existing MP-115 sheet piles from between WB/L Sta's 110+60 & 110+90 at approx. elev. +4.00'. Both of these elev's are approx. 6" below the required elevation.

CUTTING OFF EXISTING AZ-18 SHEET PILES: Observed Gill cutting off existing AZ-18 sheet piles at approx. elev. +5.25' between approx. EB/L Sta's 93+80 & 95+00.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

ENVIRONMENTAL PROTECTION: Observed contractor performing general jobsite clean-up and hauling trash to the staging area for future disposal.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NOTE: All operations were shut-down at approx. 1200 hrs. due to rain and sleet this date.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found back-up alarms working properly on the Case 580C loader this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 11 JAN 96	SUPERVISOR'S INITIALS 	DATE 11/12/96
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FC CHECK OUT FOR

STRUCTURE
 REINFORC.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

East # 90

LIFT NO.

ONE

ELEVATION

from 2.50 to 14.40

DATE OF POUR

12-22-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	12-22-95	9:50	ZLB	12-22-95	0950
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	12-22	9:50	ZLB	12-22-95	0950
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	12-22	9:55	ZLB	12-22-95	0955
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	12-22	10:00	ZLB	12-22-95	1000
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	12-22	10:00	ZJB	12-22-95	10:00
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.42'	✓	"	"	✓	✓	✓
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	12-22	10:05	ZJB	12-22-95	10:05
G. SAFETY (LIST)	Jmj	12-22	10:05	ZJB	12-22-95	10:05
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	12-22	10:05	ZJB	12-22-95	10:05
Exp. Material	✓	"	"	✓	✓	✓
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	10:25	1.0				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' Whip	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" + 4 1/4" ; AIR ENTR. = 5.2% + 5.8% ; CONCRETE TEMPS = 52° + 52° ;
 AIR TEMPS = 39° + 38° ; 3 Test Cylinders (LA-116)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M Justice* C.O.E. REPRS: *ZJB*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/22/95

REPORT NO.: 320

SKIES: Cloudy - Rain - Sleet RAIN: 0.15 IN. TEMP.: 32 MIN 42 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.7) NOISE: Minimal

* Rain Out at 12:00 Noon, 50% lost Production. WORK PERFORMED/LOCATION

B+K Construction - Poured concrete at East Mon. # 90 before rain and sleet stopped all work at 12:00 noon (approximately). Cut off existing MP-115 sheet piles one foot below fin. grade from West B Sta. 110+90 and Sta. 110+60. Cut off existing MP-112 sheet piles one foot below fin. grade from East B Sta. 96+00 to Sta. 95+70. Performed general clean up, graded Temp. Access Road, chipped, and rubbed I-wall defective concrete, removed chamfer strips from I-wall joints. Worked on I-wall form repair on the East Bank as well. Rain shut down all work at 12:00 PM.

Gill's Crane Service - Cut off existing AZ-18 sheet piles at elev. +5.25 between East B Stations 95+00 and 93+80 for I-wall construction. (Scrap pieces not hauled away yet.)

CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY				
NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	64	B+K Const.	Placing I-Wall Concrete;
14	Skilled	60	"	Cleaning up work area;
1	Supt.	7	"	Grading Temp. Access Road;
1	Q.C. Rep.	7	"	Repairing I-wall concrete areas;
				Cutting off existing sheet piles below Fin. Grade. (See Above)
2	Skilled	8	Gill's Crane	Cutting off existing AZ-18 sheet piles for I-wall construction (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	2	6	—
Komatsu D37P Dozer	—	Yes	1	7	—
Kubota 151 Excavator	—	Yes	3	5	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	No	0	8	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	1	7	—
Mantis 3612 Crane	—	Yes	4	4	—
Koehring 405 Crane	—	Yes	2	6	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	2	6	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—
Koehring 535 Crane	—	No	0	8	—

MATERIALS RECEIVED

Received 19 cubic yards of concrete (Mix #44-c) from Lafarge Conc. Co. today and placed this material in East Moop #90. Delivery tickets were furnished to the Project Inspector, Zane Bryant.

TESTS PERFORMED

(As required by plans/specifications)

BTK Const. personnel tested and inspected ready-mix concrete from Lafarge Conc. Co. today. Results can be seen on the attached Concrete Field Data Summary Sheet.

Delta Testing collected a soil sample from existing levee material today (West B Sta. 111+00) for compaction curve purposes. Results of compaction curve tests to follow in approx. 2 weeks.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the formwork at East Mon. # 90 prior to placement of concrete today. Top of Wall elevation was found to be +14.40 on the Canal Side, and +14.42 on the Land Side. Width of wall was 1.00' at stem section, and 2.25' at the bottom of wall. Forms were plumbed and aligned using turnbuckle braces. No problems with formwork, re-steel or embedded items was found.

Inspected the cutting off of AZ-18 sheet piles to be incorporated into the new T-Wall on the East Bank today. The AZ-18's were torch-cut at elev. +5.25 plus or minus 0.10'. Cuts were smooth and straight, and no damage was done to the portion of AZ-18's to be used for T-Wall support.

JOB SAFETY

Checked public streets for any sign of dirt or debris from our operations. None was found, except at Pratt Drive near Robert E. Lee Blvd. This dirt was here due to a mud hole at the gate in our yard. Stone was placed in this hole, and the dirt was cleaned off of Pratt Drive.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-27-95
Date

B CONSTRUCTION COMPANY, II
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 12-22-95

Pour Location East I-Wall monolith # 90

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
298591	10:25	10:55	3.0 ^o	10 Gal	4.0 ^x	52 ^o	39	5.2	3	10:45	10
298614	11:05	11:37	3.25 ^o	10 Gal	4.25 ^x	52 ^o	38	5.8	-	11:10	9

REMARKS: Test Cylinder Set # LA-116

NOTE: "x" = Actual Slump Determination
"o" = Visual Slump Determination

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
260

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Thursday
21 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50 %	50 %	50 %	50 %	50 %

TEMPERATURE	
MINIMUM	MAXIMUM
35°	55°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-10 hrs	1-10 hrs	

Canal RIVER STAGE	
FEET	TIME
1.90'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-19 hrs	15-123 hrs	17-145 hrs	34-287

NUMBER OF SHIFTS

FROM		TO		FROM		TO		FROM		TO	

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT.DEMO; GRUBBING
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES (AZ-18)
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a) Set forms & placed concrete for E. Mono #44; Set F/S form for E. Mono #90; Welded #6 rebar for cathodic protection; Rubbed surfaces of E. Monos; Placed stabilization slabs; Cut-off existing sheet piles; Cutting off existing concrete caps; Grubbing in vicinity of EBL Sta. 70+50.
- b) Cutting off existing AZ-18 sheet piles

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04, 18, 19 & 20 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12, 15 & 21 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this date. However, contractor's work day schedule was hampered due to wet ground conditions from previous rainfalls. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 48.5%
PERCENT TIME ELAPSED: 76.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- CUTTING OFF EXISTING SHEET PILES: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- GRUBBING: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on E. Mono #44 prior to concrete placement (see attached LMN Form 1246). Checked and found that the tapered fractured fin form liner was properly installed on E. Mono #44. Witnessed sampling and testing of concrete by B&K (See attached Concrete Field Data Report for test results). Observed placement of concrete for E. Mono #44. Noted concrete was not allowed to drop more than 5' by use of trimmie chutes, was placed in lifts of less than 18", and was well vibrated. Checked and found that B&K welded #6 rebars to tops of all sheet piles for E. Mono #90 for cathodic protection. Checked surfaces of E. Mono #91 after forms were removed and noted no major surface defects. Checked and found area between EB/L Sta's 83+35 & 84+15 graded to accept +4.0" of concrete for the stab slabs. Observed finishers rubbing P/S surfaces of E. Monos #43, #143 & #144 with grout mixture. Noted that E. Monos #41 & #43 were covered with wet burlene blankets, and E. Mono #44 was covered across the top with wet burlene strip for protection from the weather and curing.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL SHEET)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE			DUTIES
	DESIGNATION	HRS. ON SITE		
Z. BRYANT	Const. Insp., GS-07	9 hrs.		QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found the anti-two block device working properly on the Mantis 3612 Crane this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 22 DEC 95	SUPERVISOR'S INITIALS SW	DATE 12/27/95
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 260

DATE Thu.- 21 Dec 95

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM DAILY LOG OF CONSTRUCTION, ENG FORM 2538-2)

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-115 sheet piles from between WB/L Sta's 110+90 & 111+40 at approx. elev. +4.00'. Cutting off existing MP-115 sheet piles from between EB/L Sta's 72+35 & 73+20, at approx. elev. +6.75' for temporary flood protection (preparing to remove concrete caps).

CUTTING OFF EXISTING AZ-18 SHEET PILES: Observed Gill cutting off existing AZ-18 sheet piles from between EB/L Sta's 95+00 and 96+00, at approx. elev. +5.25' as required.

GRUBBING: Observed B&K using the Kubota 151 with jack hammer attachment to break up concrete debris for removal from the F/S of the existing floodwall between approx. WB/L Sta's 70+40 & 70+50. This debris not removed from site this date.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FC CHECK OUT FOR

STRUCTURES
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH (TAPERED)
EAST # 44

LIFT NO.
ONE

ELEVATION
from 3.00' to 14.40'

DATE OF POUR
12-21-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmD	12-21-95	12:40	ZAB	12-21-95	1300
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmD	12-21	12:40	ZAB	12-21-95	1300
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmD	12-21	12:45	ZAB	12-21-95	1300
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmD	12-21	12:50	ZAB	12-21-95	1305
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMD	12-21-95	12:50	ZAB	12-21-95	1305		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.88'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JMD	12-21	12:55	ZAB	12-21-95	1310		
G. SAFETY (LIST)	JMD	12-21	12:55	ZAB	12-21-95	1310		
1. Scaffold	✓	"	"	✓	✓	✓		
2. Rigging	✓	"	"	✓	✓	✓		
3. Ladders	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JMD	12-21	1:00	ZAB	12-21-95	1310		
Exp. Material	South End Only ✓	"	"	✓	✓	✓		
FL 340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Cranes	1345	2				
Bucket	1	1.0 c/y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 3/4" & 4" ; AIR ENTR. = 5.8% & 5.2% ; CONCRETE TEMPS = 60° & 60° ;							
	AIR TEMPS = 52° & 50° ; 3 Test Cylinders (LA-115)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: [Signature]			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/21/95

REPORT NO.: 319

SKIES:

RAIN: 0

IN. TEMP.: 35 MIN 55 MAX

DUST: None

LEEVE CONDITION: Damp CANAL GAUGE: (1.9) NOISE: Moderate

* 50% Lost Production Today - Wet Soil WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Monolith #91, cleaned, oiled, and set forms and top re-steel mat at East Mono. #90, welded #6 rebar on top of AZ-18 sheet piles at East Mono. #90. Also set forms and top re-steel mat at East Monolith #44 (tapered fractured fin), placed concrete at East Mono. #44, and at East Bank stabilization slab between sta. 83+35 to sta. 84+15. Cut off existing MP-115 sheet piles one foot below Fin. Grade between West B sta. 111+40 to sta. 110+90. Cut off existing MP-115 sheet piles at elev. +6.75 between West B sta. 72+35 to sta. 73+20 for Temp. Flood Protection (concrete cap not removed yet). Grubbed concrete debris out of the ground near West B sta. 70+50. Cement Finishers completed work on East Mono's #143 and #144; also finished East Mono. #143, and rework required at East Mono's #140 through #135 (land side only). Gill's Crane Service - Cut off existing AZ-18 sheet piles from East B sta. 96+00 to sta. 95+00 at elev. +5.25 for new I-wall construction.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) Approx.	COMPANY	LOCATION/WORK DESCRIPTION
17	Unskilled	145	B+K Const.	Forming + Pouring Concrete I-Wall;
13	Skilled	115	"	Pouring concrete stab. slab;
1	Supt.	10	"	Cutting off existing AZ-18 and
1	Q.C. Rep.	9	"	MP-115 sheet piles; Grubbing
				excavation area; welding #6
				bond bars on AZ-18 sheets; Finishing
				I-Wall concrete. (See Above)
2	Skilled	8	Gill's Crane	Cutting off existing AZ-18 sheet
				piles for I-Wall construction
				(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	2	6	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes			
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	1	7	—
6" diesel pump	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—
Koehring 535 Crane	—	No	0	8	—

MATERIALS RECEIVED

Received 17 cubic yards of concrete for East Monolith #44, and 5 cubic yards of concrete for East Bank Stabilization Slab (Station 83+35 to 84+15). All material used was Lafarge Concrete's Mix Design #44-c.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction performed concrete tests and inspections on concrete delivered by Lafarge Conc. Co. today. Three test cylinders were molded and will be delivered to the Govt. Lab on Wednesday of next week. Results of our tests can be found on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the formwork and embedded items at East Mono, #44 today. Formwork Checklist (Government Form # LMN 1246) was completed prior to concrete placement. Re-steel clearances were 2" to 3" at all points. Form condition was fair, and Fractured Fib taper was correctly blocked out with foam and grout finish. Water Stop was set in the form at I-wall F, and extended from 3" above bottom of wall to 6" below top of wall. Feeder line anchor bolts were installed at the proper locations and elevations. Expansion material was installed at the south end of this form only - (North end to be installed later).

Checked cutting off of A2-18 sheet piles for I-wall construction. Cut off was at elev. +5.25; cut line was straight and level. Sheet scraps were not removed yet but left in place with a small section left uncut. These scraps will be removed by Gill's Crane next week.

JOB SAFETY

Checked access gates at levee entrances at Filmore, Mirabeau, and Robert E. Lee today. Gates were closed and secured after the day's work was completed. Scaffold at I-wall form (E. Mono #44) needed handrail repair. Carpenters replaced the broken rail as instructed today.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry M Justice
Authorized Q C Representative

12-22-95
Date

B K CONSTRUCTION COMPANY, INC.
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 12.21.95

Pour Location East I-Wall Monolith # 44

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used # 44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
298368	1:48	2:23	3.5°	5 gal	3.75 ^x	60°	52	5.8	3	2:00	9
298384	2:35	3:26	4.0°	0	4.0 ^x	60°	50	5.2	-	2:45	8
298440	3:47	4:22	4.0°	3 gal	4.5°	59°	49	-	-	4:05	5

REMARKS: Test Cylinder Set # LA-115

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Home

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

259

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Wednesday
20 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0 %	0 %	0 %	0 %	0 %

MINIMUM	MAXIMUM
34°	48°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-8 hrs	1-8 hrs	

FEET	TIME
2.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-18 hrs	14-118 hrs	19-161 hrs	35-297

FROM	TO	FROM	TO	FROM	TO
0700 M	1700 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; COFFERDAM
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Cut-off existing MP-115 sheet piles; Preparation for concrete cap removal; Rubbed P/S surfaces of I-Wall Monoliths; Cut-off existing MP-112 sheet piles; Grubbing; and Installed split-sleeve casing w/neoprene rubber sleeves & stainless steel bands for FL-340 Feeder Line penetration through cofferdam.
- b) Moved new sheet piles to vicinity of new I-Wall on west levee.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground on 04, 18, 19 & 20 Dec 95.
- 50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12 & 15 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

No concrete placement this date, due to wet ground conditions from previous rainfalls. However, Contractors did perform minor phases of work this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 48.4%
PERCENT TIME ELAPSED: 76.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- STEEL SHEET PILES: No instructions issued.
- COFFERDAM: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed finishers rubbing P/S surfaces of E. Monos #40, #41, #42, #140, #141 & #142, repairing all air bubbles 1/2" or larger. Rubbing surfaces with a grout mixture.

SELECTIVE DEMOLITION: Observed contractor cutting off existing MP-115 sheet piles at approx. elev. +4.0' between WB/L Sta's 111+40 & 111+85. Observed contractor cutting existing MP-115 sheet piles at approx. elev. +6.75' between WB/L Sta's 71+70 & 72+35 in preparation for the removal of concrete caps. No cap removed this date. Observed contractor cutting off existing MP-112 sheet piles at approx. elev. +3.5' between EB/L Sta's 96+00 & 96+65.

COFFERDAMS: Observed B&K installing 1-split sleeve casing w/neoprene rubber sleeves and stainless steel bands for the penetration of the FL-340 feeder line through the temporary cofferdam sheet piles at approx. EB/L Sta. 90+30. Noted B&K also welded the cofferdam piles to the existing piles for the closure at EB/L Sta. 90+30.

STEEL SHEET PILES: Observed Gill relocating new CZ-101 sheet piles from the L/S slope of the existing levee to the F/S of the existing floodwall in preparation for future work.

GRUBBING: B&K breaking concrete debris for removal from between EB/L Sta's 70+40 & 70+70.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL:

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NOTE: Due to the very wet ground conditions from previous rainfalls, contractor was unable to place concrete or perform any type of earthwork this date.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Noted that anti-flow back check-valves were properly installed on all cutting torches being used this date (3-sets).

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE V. BRYANT, JR.	DATE 21 DEC 95	SUPERVISOR'S INITIALS 	DATE 12/27/85
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/20/95

REPORT NO.: 318

SKIES: cloudy + Cold

RAIN: 0

IN. TEMP.: 34 MIN 48 MAX

DUST: None

LEEVE CONDITION: WET CANAL GAUGE: (2.0) NOISE: Moderate

* Too wet for any Productive work. WORK PERFORMED/LOCATION

B+K Construction - Made tie-in from Temporary Cofferdam to existing sheet pile wall at East B Sta. 90+30. Installed split sleeve and rubber sleeves at Feeder Line FL-340 where it crosses Temporary sheet Piles at same station. Cut off existing MP-115 sheet piles at 1' below F.G. from West B Sta. 111+85 to Sta. 111+40. Cut the existing MP-115 sheet piles on the West Bank from Sta. 71+70 to Sta. 72+35 at elev. +6.75 for Temp. Flood Protection (concrete cap not removed yet). Cut off existing MP-112 sheet piles from East B Sta. 96+65 to 96+00 (approx 1' below Fin. Grade). Grubbed concrete debris out of excavation area at West B Sta. 70+40 to Sta. 70+70 (Not hauled off yet). Cement finishing crews completed patching and repairing of East Monoliths #140, 141, and #142 (Land Side Only) and East Monoliths #40, #41, and #42 (Land Side Only).

Bill's Crane Service - Mobilized the V-5 vibratory hammer to the work site on the West Bank at Mirabeau Ave., and began moving CZ-101 sheet piles into position for driving (between Sta. 70+47 and 74+50).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY

NO TRADE (HOURS Approx.) LOCATION/WORK DESCRIPTION

NO	TRADE	(HOURS Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
18	Unskilled	155	B+K Const.	Making Temp. Cofferdam tie-in
13	Skilled	112	"	and Feeder Line Casing; Cutting
1	Supt.	9	"	off MP-115 sheet piles for
1	Q.C. Rep.	9	"	Temp. Flood Protection, and
				1' below F.G.; Grubbing I-wall
				excavation area; Finishing concrete (see above)
1	Skilled	6	Gill's Crane	Mobilizing equipment and
1	Unskilled	6	"	moving sheet piles into
				position to drive (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	1	7	—
Mantis 3612 Crane	—	Yes	4	4	—
Koehring 405 Crane	—	Yes	4	4	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	4	4	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	yes	3	5	—
Bobcat Loader	Removed	—	—	—	—

MATERIALS RECEIVED

None Today
✓

TESTS PERFORMED

(As required by plans/specifications)

None Today
✓

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Temporary Flood Protection work done on the East and West Banks today. On the West side, existing MP-115 sheet piles were torch-cut at elev. +6.75 to +7.00. No gaps or breaks were observed below elev. +6.75. On the East Bank, RZ-10 sheet piles were driven to approx. elev. +8.00, tied into the existing flood wall at sta. 90+30, and the connection was welded to make it water-tight. Feeder line FL 340 was fitted through the sheet pile cofferdam and steel split sleeve casings were installed to protect it. Rubber sleeves and stainless steel clamps were also installed at FL-340 as per our approved sketch.

JOB SAFETY

Checked workers for proper personal protective gear. All employees were wearing steel toe safety boots and hard hats. Torch operators were wearing burning goggles and leather gloves while operating the oxygen-acetylene torches.

* Safety Meeting was held yesterday at 7:00 AM - accidentally omitted from yesterday's report.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-21-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
258

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Tuesday
19 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0 %	0 %	0 %	0 %	0 %

TEMPERATURE	
MINIMUM	MAXIMUM
42°	58°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-2 hrs			1-5 hrs	2-7 hrs	

FEET	TIME
2.60'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3-20 hrs	11-24 hrs	16-34 hrs	30-78 hrs

NUMBER OF SHIFTS			
<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	
FROM	TO	FROM	TO
0700 M	1530 M		

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - TEMPORARY FLOOD PROTECTION
- b. _____
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Drove temporary cofferdam sheet piles.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04, 18 & 19 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12 & 15 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Only minor work was performed this date, due to wet ground conditions from previous rains.
See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 48.3%
PERCENT TIME ELAPSED: 76.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase this date:
TEMPORARY FLOOD PROTECTION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES

The following Follow-Up QA Inspection was performed this date:

TEMPORARY FLOOD PROTECTION: Observed B&K driving temporary cofferdam sheet piles approx. 6' on the F/S of the existing sheet pile wall, between approx. EB/L Sta's 90+70 & 91+15, to an approx. top elev. of +8.00'. No other work was performed this date by contractors.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	5 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Noted that personnel working in the vicinity of pile driving operations were wearing safety glasses, gloves, hard hats, safety footwear, and hearing protection.

No safety infractions were noted this date.

Contractor held Weekly Safety Meeting this date. See attached minutes for topics discussed.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 20 DEC 95	SUPERVISOR'S INITIALS 	DATE 11/27/96 12/27/98
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QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel driving
+ sticking temporary intermodal shafts between
P.S. #4 & Filmore Ave. Shafts were
down to a cut-off ab. of 6.75' or
higher. No other work performed due
to wet conditions

Instructions to COC/Remarks: None today

Chris J. Wagner Proj Engr
Name Title

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	↓	↓	↓	↓
Kubota 151 Excavator	—				
Case 580 Backhoe #1	—				
Case 580 Backhoe #2	—				
RAMEX Roller-Packer	—				
MKT Vibro Hammer V-5	—				
Fiat-Allis MotorGrader	—				
Mantis 3612 Crane	—	Yes	5	3	—
Koehring 405 Crane	—	No	0	0	—
J.S.W. Excavator	—	No	0	0	—
Welding Machine	—	No	0	0	—
Compressor + Sandblaster	—	No	0	0	—
Komatsu 200 Exc.#2	—	Yes	5	3	—
6" diesel pump	—	No	0	0	—
Emv-300 Vib. Hammer	—	Yes	5	3	—
Bobcat Loader	Rental	No	0	0	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Temporary Flood Protection work done today on the East Bank. RZ-10 and CZ-114 Sheet piles were driven to a cut off elevation of $(\pm)+8.00$. Some sheets were longer than 15' and could not be driven to desired cut off elevation. They were left sticking up and Supt. AL STECHMANN said he would have them marked with paint at the minimum penetration required. Natural Ground at point of penetration was approximately elevation $+3.50$. Alignment of Temporary Cofferdam was $\pm 6'$ to the Flood side of the existing floodwall.

JOB SAFETY

Cleaned up empty drums in the yard at Pratt Drive and Robert E. Lee Blvd. today. Placed all drums inside the fuel/oil dike area.

Checked rigging used to hoist Temp. Sheet Piles today. Ground release shackles were used to make unhooking of stabbed sheet piles more safe.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-19-95
Date

MINUTES OF SAFETY MEETING

DATE: 12-19-95

TIME: 7:00 AM

PROJECT: London Ave. Canal Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

- Jerry Justice
- John Clark
- Ernie Bailey
- Charles O. Phillips
- FRANK DORWARD
- William Sullivan
- Matthew R. Duttles
- Garvey
- Steve Thome
- Rick Williams
- Xbreg Jackson
- Robert Allitt
- Frank Amoult
- David Richard
- Burrel Komer Jr.
- Bernell Green
- Eddie M. Bridges
- Walter Kibb
- Harold D Lee
- Paul M. Brown
- Earl Eumeli
- John Gault
- Mike Corneane
- Bryan Verdum
- Bill Stearns
- GENE WEAVER
- Joseph Johnson

TOPICS DISCUSSED:

Discussed training and orientation of new employees on the jobsite, when a foreman or Superintendent assigns a new or inexperienced employee to do a job, he must go over proper use of tools, safety requirements and personal protective gear.

Also discussed general housekeeping in work areas, on form scaffolding, etc. to make better footing for workers. Again, I instructed operators of all equipment to be aware of all electric lines; buried, above ground, and overhead electric lines on the job.

COMMENTS:

I instructed all employees to report all defective tools, equipment, and rigging to myself or their foreman/superintendent. Such tools and/or equipment must be taken out of service immediately, and reported so that a replacement or necessary repairs can be ordered.

[Signature]
 CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
257

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Sat., Sun. & Mon.
16, 17 & 18 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 0%	BORROW EXCAVATION 0%	EMBANKMENT 0%	CONCRETE 0%	STRUCTURE 0%
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MINIMUM 60°	MAXIMUM 76°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 4.10"	ENDING 0730 M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-8 hrs	1-8 hrs	

FEET	TIME
2.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-4 hrs	10-10 hrs	15-15 hrs	27-29 hrs

FROM	TO	FROM	TO	FROM	TO
0700 M	0900M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - No Work Performed This Period.
- b. _____
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

No progressive work was performed this period, due to heavy rains and very wet ground conditions.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 & 18 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12 & 15 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

No progressive work performed this period, due to heavy rains.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 48.3%
PERCENT TIME ELAPSED: 75.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended this period, due to no work being performed by Contractors.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

No QA Inspections were performed this period, due to no work being performed by Contractors, due to rain and very wet ground conditions from previous rainfalls.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~NOT SUBMITTED~~) for this (~~DATE~~) period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all access gates on project, to be closed and securely fastened with chains and padlocks.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE

Zane D. Bryant
ZANE D. BRYANT, JR.

DATE

20 DEC 95

SUPERVISOR'S INITIALS

Y

DATE

11/3/96
12/21/95

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	No
Komatsu D37P Dozer	—	↓	↓	↓	↓
Kubota 151 Excavator	—				
Case 580 Backhoe #1	—				
Case 580 Backhoe #2	—				
RAMEX Roller-Packer	—				
MKT Vibro Hammer V-5	—				
Fiat-Allis MotorGrader	—				
Mantis 3612 Crane	—				
Koehring 405 Crane	—				
J.S.W. Excavator	—				
Welding Machine	—				
Compressor + Sandblaster	—				
Komatsu 200 Exc.#2	—				
6" diesel pump	—				
Emv-300 Vib. Hammer	—				
Bobcat Loader	Rental				

MATERIALS RECEIVED

None Today

TESTS PERFORMED

(As required by plans/specifications)

None Today

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

None Performed Today

JOB SAFETY

Checked safety fence and gates at Robert E. Lee, Filmore, and Mirabeau Avenues today. Gates were closed and locked. Safety fence was intact and sufficient to keep pedestrians out of the job site.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-19-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

256

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Friday
15 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Fog & Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 50%	BORROW EXCAVATION 50%	EMBANKMENT 50%	CONCRETE 50%	STRUCTURE 50%
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MINIMUM 62°	MAXIMUM 78°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.10"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.80'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 4-26 hrs	SKILLED 13-105 hrs	LABORERS 19-150 hrs	TOTAL 36-281	FROM 0700 M	TO 1630 M	FROM M	TO M	FROM M	TO M
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FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; TEMP. FLOOD PROTECTION

b. _____

c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

a) Wrecked forms; Set F/S form for E. Mono #45; Cut-off existing sheet piles; Cut-off existing concrete caps; Drove temporary cofferdam sheet piles; Rubbed surfaces of I-Wall Monoliths; and Curing;

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08, 12 & 15 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor progressive work was performed this date by B&K only, due to the wet ground conditions from early morning rain. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 48.3%

PERCENT TIME ELAPSED: 75.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #43 after forms were removed and noted no major surface defects. Observed finishers plugging tie-rod holes in E. Mono #43 this date, and rubbing P/S surfaces of E. Monos #37, #38, #39, #138 & #139. Noted that E. Monos #37, #39, #40, #41, #42 & #43 were covered with wet burlene blankets for curing this date. Noted B&K also set wall stem resteel mats for E. Mono #45 this date.

TEMPORARY FLOOD PROTECTION: Observed B&K cutting off existing MP-115 sheet piles at approx. elev. +4.00' between WB/L Sta's 111+85 & 112+50. Also observed B&K cutting existing sheet piles off at approx. elev. +6.75' in preparation for concrete cap removal between WB/L Sta's 70+47 & 71+70. Observed B&K driving temporary cofferdam sheet piles approx. 6' on F/S of the existing sheet pile wall, between EB/L Sta's 91+15 & 92+25, to an approx. top elev. of +8.00'

SELECTIVE DEMOLITION: See "Temporary Flood Protection" above for details.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NOTE: Due to spotty light rain throughout this day, contractor was unable to place concrete.

Contractor's Quality Control Report (submitted ~~not submitted~~) for this (date ~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found slings being used to lift concrete forms this date, to be in good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

19 DEC 95

SUPERVISOR'S INITIALS

g

DATE

1/3/96
12/27/95

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/15/95

REPORT NO.: 315

SKIES: Fog, clouds, + Rain RAIN: 0.10 IN. TEMP.: MIN MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.8) NOISE: Moderate

* Too Wet for Trucks ON the Levee. WORK PERFORMED/LOCATION

B+K CONSTRUCTION - Wrecked forms at East Monolith #43. Set top steel and Canal side form at East Monolith #45. Rain and wet soil prohibited concrete placement today. Cut existing MP-115 sheet piles at elev. +1.75 for Temp. Flood Protection from west B sta. 70+47 to sta. 71+70 (concrete cap not removed yet). Cut off existing MP-115 sheet piles on the West Bank below finish grade from West B sta. 112+50 to sta. 111+85. Drove Temporary Flood Protection Sheets from East B sta. 92+25 to sta. 91+15. Cement finishers completed patching and repair of East I-Wall Monoliths #138 and #139 (Land side only) and East Monoliths #37, #38, and #39 (Land Side Only).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
19	Unskilled	150	B+K Const.	Wrecking and setting I-Wall forms; Cutting existing sheet piles; Driving Temporary Flood Protection sheet Piles; Finishing concrete surfaces of I-Wall Monoliths.
13	Skilled	105	"	
3	Supt.	18	"	
1	Q.C. Rep.	8	"	
				(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	1	7	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	6	2	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	Yes	6	2	—
Bobcat Loader	Rental	Yes	4	4	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the cutting off of existing MP-115 sheet piles on the West Bank (Robert E. Lee to Prentiss). Cut off elevation was approximately +4.00, or 1' below finish grade. Sheet pile scraps were being hauled off for salvage; some scraps still remain to be picked up, as well as some trash and debris in this area along the Canal side.

Checked the Temporary Flood Protection sheet piles driven on the East Bank today. All steel sheets were interlocked and driven to approx. cut off elevation +8.00. Natural ground elevation at penetration point was approx. elev. +3.50. Some piles were longer than 15', and were left sticking up higher than elev. +8.00. No gaps or breaks in protection were found.

JOB SAFETY

Checked streets for dirt and debris from our operations at Robert E. Lee, Filmore and Mirabeau Avenue today. No significant amount of dirt was found on any public streets today.

Checked torch operators for eye protection - All employees using oxy-acetylene torches were wearing approved burning goggles today.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-19-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
255

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Thursday
14 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Partly Cloudy with Fog

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 60°	MAXIMUM 80°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

FEET 1.80'	TIME 0800	M
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SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 4-32 hrs	SKILLED 18-120 hrs	LABORERS 22-162 hrs	TOTAL 44-314	FROM 0700 M	TO 1630 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT.DEMO; COFFERDAM; CLEARING
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. Barnes Electric - TEMP. RELOCATION OF FEEDER LINES

WORK PERFORMED TODAY (indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Set forms for E. Mono #41; Placed concrete for E. Mono #41; Rubbed I-Wall surfaces; Formed & graded for slab slabs; Curing; Drove cofferdam sheet piles; Cut-off existing sheet piles; Cleared re-growth of vegetation;
- b) Set & tied bottom resteel for E. Monos #44 & #45 and pre-tied 1-set of wall stem resteel mat
- c) Temporarily relocated FL-400 between WB/L Sta's 70+30 & 76+50

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08 & 12 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K, Arcadia, and Barnes this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 48.3%
PERCENT TIME ELAPSED: 75.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY RELOCATION OF FEEDER LINES: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

TEMPORARY COFFERDAMS: No instructions issued.

CLEARING & GRUBBING: See "Verbal Instructions" on back of this Report.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed a Pre-Placement Inspection on E. Mono #41 prior to concrete placement this date (see attached LMN Form 1246). Witnessed sampling and testing of concrete cured this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E. Mono #41 this date. Noted concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Checked and found stab slab formed and graded to accept +4.0" of concrete between EB/L Sta's 83+35 & 83+70, with top of forms set at approx. elev. +3.00'. Observed finishers rubbing F/S surfaces of E. Monos #26, #27 & #28, and P/S surfaces of E. Monos #136 & #137.

TEMPORARY RELOCATION OF FEEDER LINES: Observed Barnes Electric removing FL-400 from their brackets on the F/S of the existing floodwall, and lowering them to the ground adjacent to the existing sheet piles, between approx. WB/L Sta's 70+30 and 76+50.

CLEARING & GRUBBING: Observed B&K continuing to clear re-growth of vegetation on F/S of the existing floodwall between WB/L Sta's 79+00 & 81+50. Noted that debris was not being stock-piled for removal from site as required and that some debris was falling into the canal.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks)

QAR, Z. Bryant instructed Messrs. M. Tassin and J. Justice of B&K to remove all debris from the adjacent canal bank which result from the contractor's clearing operations between WB/L Sta's 70+30 & 81+50. All debris must be removed from the jobsite in accordance with paragraph C2B-6.1 of the Contract Specifications. Messrs. Tassin and Justice agreed to concur with these contract requirements.

PE, C. Wagner informed Mr. J. Justice of B&K this afternoon, that B&K's submittal for the Loading of the Koehring 535 Crane onto barges on this project, has been verbally approved and contractor may begin walking the crane onto the barges when they are ready to do so.

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found that all Feeder Lines (FL-400, FL-432 and FL-340) on this project have been de-energized prior to beginning any work on this project this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane P. Bryant, Jr.
ZANE P. BRYANT, JR.

DATE

18 DEC 95

SUPERVISOR'S INITIALS

gms ND

DATE

12/19/95

12/22

QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 255

DATE Thu. - 14 Dec 95

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ORIGINAL QA REPORT ON ENG FORM 2538-2)

SELECTIVE DEMOLITION: Observed B&K continuing to cut-off existing MP-115 steel sheet piles from between WB/L Sta's 112+50 and 113+25, at approx. elev. +4.00'. Also noted B&K removed scrap sheet piles from the jobsite this date.

TEMPORARY COFFERDAMS: Observed B&K driving temporary cofferdam sheet piles approx. 6' on F/S of the existing sheet pile wall, between approx. EB/L Sta's 92+25 & 92+80, to an approx. top elev. of +8.00'. All sheet piles were properly interlocked.

RESTEEL INSTALLATION: Observed Arcadia setting and tying all required bottom resteel for E. Monos #44 & #45, and pre-tying 1-set of wall stem resteel mats from future placement. All resteel was set, spaced and tied in accordance with approved shop drawings and steel schedules.

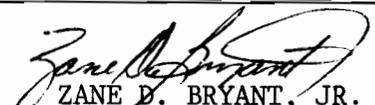
QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

No additional instructions issued this date.

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 41

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 12-14-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	12-14	11:50	ZJB	12-14-95	11:50
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	12-14	11:50	ZJB	12-14-95	11:50
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	12-14	11:55	ZJB	12-14-95	11:55
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	12-14	12:00	ZJB	12-14-95	12:00
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	12-14	12:00	ZJB	12-14-95	1200		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.82'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	12-14	12:05	ZJB	12-14-95	1205		
G. SAFETY (LIST)	Jmg	12-14	12:05	ZJB	12-14-95	1205		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	12-14	12:10	ZJB	12-14-95	1205		
FL 340 Anchors	✓	"	"	✓	✓	✓		
Exp. Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Cranle	12:40	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3" + 3 1/2" ; AIR ENTR. = 5.4% + 5.8% ; CONCRETE TEMPS = 68° + 70° ;							
	AIR TEMPS = 72° + 72° ; 3 Test Cylinders (LA-114)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: ZJB			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

(QUALITY CONTROL REPORT)
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/14/95

REPORT NO.: 314

SKIES: Fog AM, Pt. Cloudy PM RAIN: 0 IN. TEMP.: 60 MIN 80 MAX

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (1.8) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - Set forms and top re-steel at East Monolith #41, then placed concrete at East Mono. #41 today. Formed up and graded soil for stabilization slab from East B sta. 83+35 to sta. 83+70 (not poured yet). Worked on tapered fractured fin form on the East Bank near Filmore Ave. Drove Temp. Cofferdam sheet piles from East B sta. 92+80 to sta. 92+25 today. Cleared regrowth of vegetation from West B sta. 79+00 to sta. 81+50 (Canal side only). Cut off existing MP-115 sheet piles approx. 1' below finish grade from West B sta. 113+25 to sta. 112+50. Hauled off some of the scraps from sheet cut-off to salvage yard. Cement finishers patched and repaired concrete surfaces of East Monoliths #136 and #137 (Land Side only) and East Monoliths #28, #27 and #26 (Canal side only).
- ② Arcadia Rebar - Tied bttm. reinforcing steel at East Mono's #44 and #45; pre-tied one mat of resteel for future I-wall stems on the levee crown.
- ③ Barnes Electric - Lowered feeder line FL-400 from brackets on existing floodwall to the ground (Food side) between West B sta. 70+30 and 76+50 today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
19	Unskilled	150	B+K Const.	Setting I-wall and stab. slab forms;
13	Skilled	100	"	Placing I-wall concrete; Clearing
3	Supt.	24	"	West Bank vegetation; Cutting off
1	Q.C. Rep.	8	"	MP-115 existing sheet piles; Driving Temp. Cofferdam sheets; Finishing I-wall concrete. (See locations Above)
3	Skilled	12	Arcadia Rebar	Tying reinforcing steel for I-wall. (see locations Above)
2	Skilled	8	Barnes Elect.	Lowering FL-400 feeder line
3	Unskilled	12	"	to the ground to facilitate existing floodwall demolition (see locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	yes	6	2	—
Bobcat Loader	Rental	yes	5	3	—

MATERIALS RECEIVED

Received 17 cubic yards of concrete for East Monolith #41 today from Lafarge Conc. Co. (Mix Design #44-C). Delivery tickets, complete with all batch information, were furnished to the Project Inspector Zone Bryant.

TESTS PERFORMED

(As required by plans/specifications)

B&K Const. Co. performed tests and inspections on concrete delivered by Lafarge Concrete Company today (see details above). Results can be found documented on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded as always, and will be delivered to the Government Lab tomorrow.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked quality of cement finishing work on the East Bank today. I again instructed the finishers to take enough time on wall finishing to assure a good class 'A' finish on all exposed surfaces, so that no rework will be required. The foreman and workmen have all been notified that some improvements must be made in the cement finishing work.

Checked the temporary flood protection sheet piles driven on the East Bank today. Top of sheets were driven to \pm elevation 8.00. Some pcs. of sheet piles were 18' long and could not be driven to cut-off grade. All sheet piles were interlocked, and no gaps or breaks in flood protection were found.

Inspected East I-Wall monolith #41 formwork today. Form condition was fair, but needs some work, especially the canal side form. Forms will be re-worked or re-faced with new plywood after work on the East side is completed.

JOB SAFETY

Feeder lines FL340, FL432, and FL400 (West Bank) were all de-energized today due to construction work on the East Bank, and the temporary relocation of FL400 on the West Bank. Employees working near feeder lines were informed of the existence of these electric cables and warned to always treat feeders as if they were energized to avoid damaging them. Also instructed employees to check with their supervisors on feeder line status prior to beginning work each day.

REMARKS

Received Verbal Instructions from Insp. Zone Bryant today: "Remove all debris from canal banks which result from contractor's clearing + grubbing operations between West & Sta's. 70+50 to Sta. 80+00. All such debris must be removed from the jobsite in accordance with paragraph C2B-6.1 and C2B-6.2 of the Contract Spec's. *We also received verbal approval from Chris Wagner on our Submittal # 9402-040 (Levee Crossing - Crane Loading).

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-15-95
Date

B CONSTRUCTION COMPANY, INC.
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 12-14-95

Pour Location East I-Wall Monolith # 41

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 Psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
296841	12:37	1:15	2.0°	10 Gal.	3.0 ^x	68° 72°	5.4	3	12:45	9
296885	1:30	2:16	2.0°	10 Gal.	3.5 ^x	70° 72°	5.8	-	1:35	8

REMARKS: Test Cylinder Set # LA-114

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN:
Steve Thorne

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

254

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Wednesday
13 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Fog & Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100 %	100%	100 %	100 %	100 %

MINIMUM	MAXIMUM
55°	75°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.10"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-8 hrs	1-8 hrs	

FEET	TIME
1.80'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
4-3½ hrs	14-125 hrs	18-155 hrs	36-315½	0700 M	1800 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; SELECTIVE DEMOLITION

b. _____

c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

a) Wrecked forms from I-Walls; Set forms, resteel and placed concrete for E. Monos #43 & #91; Rubbed I-Wall surfaces; Worked on Tapered Fractured Fin Form; Patched tie-rod holes; Cut-off existing MP-115 sheet piles;

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08 & 12 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed by B&K only this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 48.0%

PERCENT TIME ELAPSED: 75.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTOR'S QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on E. Monos #43 & #91 prior to concrete placement (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete into forms for E. Monos #43 & #91. Noted that concrete was not allowed to drop more than 5' by use of trimmie chutes, was placed in lifts of less than 18", and was well vibrated. Checked surfaces of E. Monos #39 & #42 after forms were removed and noted no major surface defects. Observed finisher patching tie-rod holes in E. Monos #39 & #42 with dry-pack mortar as required. Observed finishers rubbing F/S surfaces of E. Monos #29, #30 & #31, and the P/S of E. Monos #133, #134 & #135. Noted that E. Monos #37, #39, #40 & #42 were covered with wet burlene blankets for curing as required. Noted contractor working on tapered fractured fin form for E. Mono #44.

SELECTIVE DEMOLITION: Observed contractor cutting off existing MP-115 steel sheet piles at approx. elev. +4.00' between WB/L Sta's 113+25 & 114+10. Noted B&K hauling off scrap sheet piles off of jobsite.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~NOT SUBMITTED~~) for this (date/~~PERIOD~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Noted that personnel using cutting torches were wearing leather gloves, cutting-goggles, hard hats, and steel-toed boots.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane B. Bryant, Jr.
ZANE B. BRYANT, JR.

DATE

15 DEC 95

SUPERVISOR'S INITIALS

YW

DATE

12/22
W 12/18/95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	74.1%	-0-	74.1%	74.1%
03	SELECTIVE DEMOLITION	L.S.	L.S.	26.6%	0.6%	27.2%	27.2%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100%	-0-	100%	100%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	32.8%	-0-	32.8%	32.8%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	64.1%	-0-	64.1%	64.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100%	-0-	100%	100%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	109861.89	-0-	109861.89	58.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	390.67	-0-	390.67	39.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	48.3%	0.5%	48.8%	48.8%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	47.3%	-0-	47.3%	47.3%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	6.9%	2.7%	9.6%	9.6%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 1f	-0-	9315 1f	87.3%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	92.5%	-0-	92.5%	92.5%
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2%	-0-	69.2%	69.2%
22	FENCING (CIN-02)	L.S.	L.S.	100%	-0-	100%	100%
23	VECP, WALL REALIGNMENT (CIN-06)	L.S.	L.S.	100%	-0-	100%	100%
24	VECP, PAYMENT FOR WALL REALIGNMENT (CIN-07)	L.S.	L.S.	100%	-0-	100%	100%

FC CHECK OUT FOR

STRUCTURAL
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.
DACW29-94-C-0079

MONOLITH
East 43

LIFT NO.
ONE

ELEVATION
from 3.00 to 14.40

DATE OF POUR
12-13-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	12-13	11:55	ZAB	12-13-95	1200
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	12-13	11:55	ZAB	12-13-95	1200
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	12-13	12:00	ZAB	12-13-95	1200
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	12-13	12:05	ZAB	12-13-95	1205
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmg	12-13	12:05	ZAB	12-13-95	12:05
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.82'	✓	"	"	✓	✓	✓
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmg	12-13	12:10	ZAB	12-13-95	12:10
G. SAFETY (LIST)	Jmg	12-13	12:10	ZAB	12-13-95	12:10
1. Ladders	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	12-13	12:15	ZAB	12-13-95	12:10
FL 340 Anchors	✓			✓	✓	✓

I. EQUIPMENT USED	CONTRACTOR				C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	1:10	1.5				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18 shaft	"	"				
Generator	1	gasoline	"	"				

J. REMARKS
 SLUMP = 4" ; AIR ENTR. = 5.8% ; CONCRETE TEMPS = 68° ;
 AIR TEMPS = 72° ; 3 Test Cylinders (LA-113)
FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zachary DePue*

INSTRUCTIONS
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FC CHECK OUT FOR

STRUCTURAL REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

East # 91

one

from 2.50 to 14.40

12-13-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	12-13-95	11:30	ZAB	12-13-95	1145
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	12-13	11:35	ZAB	12-13-95	1145
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	12-13	11:35	ZAB	12-13-95	1145
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	12-13	11:40	ZAB	12-13-95	1150
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	12-13	11:40	ZAB	12-13-95	1150		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.41'	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	12-13	11:45	ZAB	12-13-95	1155		
G. SAFETY (LIST)	Jmg	12-13	11:45	ZAB	12-13-95	1155		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	12-13	11:45	ZAB	12-13-95	1155		
Exp. Material	✓	"	"	✓	✓	✓		
FL 340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	12:20	1.5				
Conc. Bucket	1	10 cy	"	"				
Conc. Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 68° ; AIR TEMPS = 72° ; 3 Test Cylinders (LA-113) FINAL CLEARANCE CONTRACTOR REPRS. <i>Jerry M. Justice</i> C.O.E. REPRS. <i>Zachary Bryant</i> INSTRUCTIONS CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.							

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/13/95

REPORT NO.: 313

SKIES: Cloudy - Rain

RAIN: 0.10

IN. TEMP.: 55 MIN 75 MAX

DUST: None

LEEVE CONDITION: Damp CANAL GAUGE: (1.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked East Monolith #42 and #39 I-wall forms. Patched tie-bolt holes and covered these walls with wet burlap blankets. Formed and poured concrete at East Monoliths #91 and #43 today. B+K Construction personnel set top steel at E. Mono. #43, welded #6 rebar on top of AZ-18 sheet piles at E. Mono #91 prior to closing forms. Cut off existing MP-115 sheet piles from West B. Sta. 114+10 to Sta. 113+25. Cement finishers patched and repaired concrete surfaces of East Monoliths #133, 134, and #135 (Land Side only), and East Monoliths #31, #30, and #29 (Canal Side only). Continued working on tapered fractured fin form for East Monolith #44. Hauled off sheet pile scraps for salvage from the West Bank MP-115 piles.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY

NO TRADE HOURS (Approx.) LOCATION/WORK DESCRIPTION

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
18	Unskilled	155	B+K Const.	Wrecking & setting I-wall forms;
14	Skilled	125	"	Pouring concrete for I-wall;
3	Supt.	26	"	Patching & repairing I-wall
1	Q.C. Rep.	9.5	"	Monoliths; Curing I-wall
				Monoliths; Cutting existing MP-115
				sheet piles below F.G.; welding
				#6 rebar on top of AZ-18's.

(See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes			
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	2	6	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—
Bobcat Loader	Rental	yes	5	3	—

MATERIALS RECEIVED

Received 19 cubic yards of concrete for East Monolith # 91, and 17 cubic yards for East Mon. #43 today. All material received was Lafarge Concrete Company's Mix Design #44-C. Copies of delivery tickets were furnished to the Government Inspector, complete with all necessary batch weights and information.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction performed tests and inspections on concrete delivered by Lafarge today. Results can be found on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the cutting off of MP-115 sheet piles on the West Bank. Cut-off elevation was \pm elevation 4.00, or 1' below Finish Grade. Scraps from cut-off MP-115 sheets were hauled off by truck to the salvage yard.

Checked I-Wall forms and Re-steel on East I-Wall Monoliths # 43 and # 91 today. Top chamfer strip on E. Mono. # 91 had to be adjusted, as it was found to be 0.04' low. Carpenters corrected this problem before placement of concrete began. Reinforcing steel clearances were found to be correct, with 2" to 3" between forms and Re-steel.

Foreman + cement finishers were informed that the quality of finishing work needs improvement, especially on East Mono's # 25 through # 35 on the smooth portions of the wall. Some work on the fractured fins is also required, as a few bubble holes exist over 1/2" in diameter.

JOB SAFETY

Checked ladders and scaffolds on I-Wall forms today. Scaffold brackets, walkboards, toe-boards, mid-rails, and hand-rails were all in place and in good condition. Ladders were also in good condition and tied off at the top to keep them from moving.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-14-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
253

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Tuesday
12 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Clear & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50%	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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TEMPERATURE

MINIMUM 40°	MAXIMUM 64°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
-----------------	----------------	---

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
-------------	--------	--------	-----------------------	------------------	-------

Canal RIVER STAGE

FEET 1.40'	TIME 0800	M
---------------	--------------	---

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 4-33 hrs	SKILLED 14-120 hrs	LABORERS 18-150 hrs	TOTAL 36-303
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NUMBER OF SHIFTS

1 2 3

FROM 0700 M	TO 1630M	FROM M	TO M	FROM M	TO M
----------------	-------------	-----------	---------	-----------	---------

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; CLEARING; SELECTIVE DEMOLITION

b. _____
c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

a) Curing; Set F/S form & wall stem resteel mats for E. Mono #91; Cut-off existing sheet piles; Removed access ramp fill material at R. E. Lee Blvd. on East Levee; Rubbed F/S surfaces of E. Monos #31 thru #34, and fractured fins only on E. Monos #130 thru #132; Clearing regrowth of vegetation on West Levee.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06, 08 & 12 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor progressive work was performed this date by B&K only, due to having to wait on the curing of I-Walls due to cold temperatures. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96
PERCENT PROJECT COMPLETE: 47.6%
PERCENT TIME ELAPSED: 74.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

CLEARING: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked and found that B&K has left forms in-place on E. Monos #39 & #42, for curing purposes, due to the air surrounding the I-Wall Monoliths being below 50° until after 0800 hrs. this date. Forms will remain in-place until 0730 hrs. on Wed., 13 Dec 95. Observed finishers rubbing F/S surfaces of E. Monos #31 thru #34, and the fractured fins only on P/S of E. Monos #130 thru #132. Observed B&K setting F/S forms and wall stem resteel mats for E. Mono #91 this date. Noted B&K making minor repairs to I-Wall forms.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-115 sheet piles at approx. elev. +4.00', between approx. WB/L Sta's 114+10 & 115+00. Cut-off sections of piles being hauled off of jobsite. Also noted that B&K was removing excess fill material that was previously hauled in for the access road adjacent to R.E. Lee on east levee.

CLEARING: Observed B&K using 1-Kubota 151 to clear re-growth of vegetation from the F/S of the existing floodwall between WB/L Sta's 76+50 & 79+00. No grubbing performed at this time.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

NOTE: I-Wall forms must be left in-place until the concrete has accumulated a minimum of 18 hours of curing while air surrounding the concrete is above 50°F. This is in accordance with C3A-10.2 of the contract specifications.

Contractor's Quality Control Report (submitted/~~NOT SUBMITTED~~) for this (date/~~PERIOD~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found back-up alarms working properly on the Komatsu D37P Dozer, Motorgrader, and the Bobcat Loader this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

13 DEC 95

SUPERVISOR'S INITIALS

gn *TD*

DATE

12/22
12/18/95

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/12/95

REPORT NO.: 312

SKIES: clear

RAIN: 0

IN. TEMP.: 40 MIN 64 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (1.4) NOISE: Minimal

* 50% ^{lost} Production Today WORK PERFORMED/LOCATION

B&K Construction - Could not wreck I-wall forms due to cold weather conditions - we must wait until 18 hours of cumulative time has passed when outside air temperature is above 50°. Repaired I-wall forms at both locations. Set top steel and Canal Side form at East Mono. #91. Trimmed trees hanging over the const. easement between Thirabeau + Filmere. Hauled off debris from tree trimming and demolition work to landfill, as well as dirt and stone from Temp. Access Ramp at Robert E. Lee Blvd, East Bank. Cleared regrowth of vegetation from West B sta 76+50 to 79+00, Canal Side Only. Moved another fractured fin form to Thirabeau and began building tapered fin section by blocking out fractured fins. Cut off existing MP-115 sheet piles from West B Sta. 115+00 to Sta. 114+10. Cement finishers patched + repaired concrete surfaces at East Mono's #130, #131 and #132 (Land Side Only), and East Monoliths #34, #33, #32, and #31 (Canal Side Only). Hauled off sheet pile cut-off scraps to the salvage yard (from West B 119+65 to 115+00).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
18	Unskilled	150	B&K Const.	Repairing I-wall forms;
14	Skilled	120	"	Building tapered fractured fin
3	Supt.	24	"	form; setting re-steel and
1	Q.C. Rep	9	"	I-wall forms; trimming tree
				branches; hauling off debris
				and scrap metal; clearing
				regrowth of vegetation;
				Finishing concrete I-wall;
				Cutting off existing MP-115
				sheet piles.
				(see locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	5	3	—
Koehring 405 Crane	—	yes			
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	yes	3	5	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	2	6	yes
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—
Bobcat Loader	Rental	yes	5	3	—

MATERIALS RECEIVED

Received neoprene rubber and stainless steel retaining bar for tie-in to existing floodwall at East B Sta. 99+69 today. Work will start tomorrow on this connection to existing sheet pile wall as per revised drawings, sheet # 23.

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected cutting of existing MP-115 sheet piles today. Sheet piles were torch-cut at elevation +4.00 (plus or minus 0.20'), or approx 1' below finish grade. Cut off scraps were loaded into a dump truck and hauled off the job for salvaging. No damage was done to the new I-wall during this operation. A 25' section of existing sheets was found to be cut $\pm \frac{3}{8}$ " too high (at approx elev. +4.75) and will have to be cut again at elev. +4.00. This was the only deficient area found today.

Checked cement finisher's quality of work today at two places. The reach between Filmore and Mirabeau Avenues was found to be in need of attention on the smooth portions or borders of the I-wall between East Monoliths #25 and #035 (Land side only). The fractured fin area was acceptable in my opinion. The reach of floodwall between Pump Sta. #4 and Robert E. Lee was inspected, and found to be of acceptable quality (East Bank also).

JOB SAFETY

Replaced oxygen and acetylene regulators and gauges found to be leaking. Old regulator & gauge set will be taken out of service and sent in for repairs.

Checked torch operators for proper personal protection. Approved cutting goggles, leather gloves, and steel toe boots were being worn by all persons using cutting torches.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-13-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

252

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Sat., Sun. & Mon.
09, 10 & 11 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Clear & Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 30°	MAXIMUM 55°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-10 hrs	TOTAL 1-10 hrs	LABOR
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FEET 1.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-28 hrs	SKILLED 17-149 hrs	LABORERS 18-160 hrs	TOTAL 38-337
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FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT. DEMO; BRIDGE DEMO; COFFERDAMS
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms; Set forms & placed concrete for I-Wall Monos; Placed concrete for Stab Slab; Removed wooden piles for Bridge @ R.E.Lee; Cut-off existing sheet piles; Rubbed I-Wall surfaces; Patched tie-rod holes; Curing; Pulled cofferdam sheet piles.
- b) Set & tied bottom resteel for 3 monos and wall stem resteel for 2 monos.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05, 06 & 08 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K and Arcadia this date. See attached CQC Report. No work performed on 09 & 10 Dec 95.

PERCENT PROJECT COMPLETE: 47.5%

PERCENT TIME ELAPSED: 74.7%

DATE SET FOR COMPLETION: 22 MAY 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 11 Dec 95:

REINFORCED CONCRETE FLOODWALL: See "Verbal Instructions" on back of this report.

PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

TEMPORARY COFFERDAMS: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed on Mon., 11 Dec 95:
REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on E. Monos #39 & #42 (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E. Monos #39 & #42 this date. Noted concrete was not allowed to drop more than 5' by use of trimmie chutes, was placed in lifts of less than 18", and was well vibrated. Checked surfaces of E. Mono #37 after forms were removed and noted no major surface defects. Observed finisher packing tie-rod holes in E. Mono #37 with dry-pack mortar after forms were removed. Also observed finishers rubbing both sides of E. Monos #35 & #36 and fractured fins only on E. Monos #126 thru #129. Checked area formed and graded for stab slab between EB/L Sta's 82+90 & 83+35 to be graded to accept +4.0" of concrete and tops of forms set at approx. elev. +3.00' as required. Noted that E. Mono #37 was covered with a wet burlene blanket after tie-rod holes were patched, for curing.

PEDESTRIAN BRIDGE DEMOLITION: Observed B&K removing the last 2 wooden piles from the Pedestrian Bridge adjacent to R. E. Lee Blvd. Demolition of both bridges are now complete.
 (CONTINUED ON ATTACHED QA SUPPLEMENTAL SHEET)

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

QAR, Z. Bryant informed Messrs. M. Tassin and J. Justice of B&K that in accordance with paragraph C3A-10.2 of the Contract Specs., that forms not supporting the weight of concrete shall not be removed in less than 18 hrs. of cumulative time, not necessarily consecutive, after concrete placement is completed during which the temperature of the air surrounding the concrete is above 50°F. Messrs. Tassin and Justice agreed to concur with these instructions.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted/~~NOT SUBMITTED~~) for this (~~DATE~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	9 hrs. (Mon)	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Observed personnel working with fresh concrete placement this date, to be wearing safety glasses, rubber gloves, hard hats, and safety footwear.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 13 DEC 95	SUPERVISOR'S INITIALS 	DATE 12/12/95
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 252

Sat., Sun. & Mon.
DATE 09, 10 & 11 Dec 95

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ORIGINAL DAILY LOG OF CONSTRUCTION, ENG FORM 2538-2)

SELECTIVE DEMOLITION: Observed B&K using cutting torches to cut-off existing MP-115 steel sheet piles at approx. elev. +3.50', between WB/L Sta's 115+00 and 116+15. These cut-off sections of sheet piles will be removed from site at a later date.

RESTEEL INSTALLATION: Observed Arcadia setting and tying all required resteel for the bottom sections of E. Monos #41, #43, & #46, and the wall stem resteel for E. Monos #39 & #42. All resteel was set, spaced and tied at 100% in accordance with the approved resteel shop drawings and steel schedule.

TEMPORARY COFFERDAMS: Observed B&K pulling temporary cofferdam piles from between EB/L Sta's 99+69 and 99+90. These piles will be driven at a later date on the south end of the existing temporary cofferdam at approx. EB/L Sta. 92+80.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

QAR # 252

Sat., Sun. & Mon.
DATE: 09, 10 & 11 Dec 95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	74.1%	-0-	74.1%	74.1%
03	SELECTIVE DEMOLITION	L.S.	L.S.	25.3%	0.7%	26.0%	26.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	95.8%	4.2%	100%	100%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	32.8%	-0-	32.8%	32.8%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	64.1%	-0-	64.1%	64.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100%	-0-	100%	100%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	109861.89	-0-	109861.89	58.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	390.67	-0-	390.67	39.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	47.8%	0.5%	48.3%	48.3%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	47.3%	-0-	47.3%	47.3%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	6.9%	-0-	6.9%	6.9%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 lf	-0-	9315 lf	87.3%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	92.5%	-0-	92.5%	92.5%
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2%	-0-	69.2%	69.2%
22	FENCING (CIN-02)	L.S.	L.S.	100%	-0-	100%	100%
23	VECP, WALL REALIGNMENT (CIN-06)	L.S.	L.S.	100%	-0-	100%	100%
24	VECP, PAYMENT FOR WALL REALIGNMENT (CIN-07)	L.S.	L.S.	100%	-0-	100%	100%

FC CHECK OUT FOR

STRUCTURE
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.
DACW29-94-C-0079

MONOLITH
East # 42

LIFT NO.
ONE

ELEVATION
from 3.00 to 14.40

DATE OF POUR
12-11-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	12-11	12:05	ZAB	12-11-95	1210
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	12-11	12:05	ZAB	12-11-95	1210
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	12-11	12:10	ZAB	12-11-95	1210
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	12-11	12:15	ZAB	12-11-95	1215
CONDITION	✓	"	"	✓	✓	✓

ITEM	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	12-11	12:15	ZOB	12-11-95	12:15
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.88'	✓	"	"	✓	✓	✓
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	12-11	12:20	ZOB	12-11-95	12:20
G. SAFETY (LIST)	Jmj	12-11	12:20	ZOB	12-11-95	12:20
1. Scaffolding	✓	"	"	✓	✓	✓
2. Rigging	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	12-11	12:20	ZOB	12-11-95	12:20
FL-340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	1:00	1.5				
Concrete Bucket	1	1.0 cy	"	"				
Concrete Vibrator	1	18' Shaft	"	"				
generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 3 3/4" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 56° ;
 AIR TEMPS = 56° ; 3 Test Cylinders (LA-112)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zachary Bryant*

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

CHECK OUT FOR STRUCTURE'S
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. **CONTRACT NO.** DACW29-94-C-0079

MONOLITH East # 39 **LIFT NO.** one **ELEVATION** from 3.00 to 14.40 **DATE OF POUR** 12-11-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	12-11	1:05	ZJB	12-11-95	1350
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	12-11	1:10	ZJB	12-11-95	1350
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	12-11	1:10	ZJB	12-11-95	1355
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	12-11	1:15	ZJB	12-11-95	1400
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	12-11	1:15	ZOB	12-11-95	1400		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.85'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	12-11	1:20	ZOB	12-11-95	1405		
G. SAFETY (LIST)	Jmj	12-11	1:20	ZOB	12-11-95	1405		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	12-11	1:25	ZOB	12-11-95	1405		
EXP. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	3:00	2				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 1/2" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 58° ;							
	AIR TEMPS = 54° ; 3 Test Cylinders (LA-112)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: ZOB			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/11/95

REPORT NO.: 311

SKIES: Clear + Cold

RAIN: 0

IN. TEMP.: 30 MIN 55 MAX

DUST: Minimal

LEEVE CONDITION: Dry

CANAL GAUGE: (1.5) NOISE: Moderate

12-9-95 > No Work
 12-10-95 >
 12-11-95

WORK PERFORMED/LOCATION

B&K Construction - Wrecked forms at East Monolith #37, then patched tie-bolt holes and covered this monolith with wet burlene. Completed forming East Monoliths #42 and #39, then placed concrete at East Mono's #39 and #42 today. Also poured concrete at East B stabilization slab, from station 82+90 to sta. 83+35. Cut off existing MP-115 sheet piles below fin. grade from West B Sta. 116+15 to Sta. 115+00. Pulled Temporary Flood Protection sheet piles from East B Sta. 99+69 to sta. 99+90. Pulled the two remaining wooden piles at Robert E. Lee Blvd. Pedestrian Bridge (East Bank). Hauled off this debris, and began removing Temporary Access Road Ramp at Robert E. Lee Blvd., East Bank. Cement finishers completed patching and repair of East I-Wall Monoliths #35 and #36 (both sides). Also finished East Monoliths #126, #127, #128, and #129 today (Land Side Only).

Arcadia Rebar - Tied bottom re-steel at East Monoliths #41, #43, and #46. Set top re-steel mats at East Monoliths #42 and #39. Pre-tied 2 more mats for future tops.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
18	Unskilled	160	B&K Const.	Forming + Pouring concrete I-Wall;
14	Skilled	125	"	Pouring stabilization slab concrete;
2	Supt.	18	"	Cutting off MP-115 sheet piles;
1	QC Ref.	10	"	Pulling Temp. Cofferdam sheets;
				Pulling Ped. Bridge wood piles;
				Finishing concrete surfaces of I-Wall. (See Above)
3	Skilled	24	Arcadia Rebar	Tying reinforcing steel for I-Wall Monoliths (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	5	3	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	1	7	—
Mantis 3612 Crane	—	Yes	5	3	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	6	2	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	Yes	3	5	—
Bobcat/Concrete Breaker Rental	—	No	0	8	—

MATERIALS RECEIVED

Received 17 cubic yards of concrete for East Monolith #39, 17 cubic yards of concrete for East Monolith #42, and 1 cubic yard for Stabilization Slab (East B₂ sta. 82+90 to Sta. 83+35). Approx. one yard was left over from the I-wall pours as well, and used for Stabilization slab, making a total of 2 cy of concrete placed in the slab today. All material was Lafarge Concrete Company's Mix Design #44-C.

(As required by plans/specifications)

TESTS PERFORMED

B&K Construction performed concrete tests and inspections today on this 44-C concrete from Lafarge. Results can be found on the attached Concrete Field Data Summary Sheet. Three cylinders were molded (as always) from this material, and will be delivered to the Government Lab on Wednesday, 12-13-95.

Inspected the I-Wall formwork prior to placement of concrete today. Found the top chamfer strip elevation to be too high on the land side by approximately $\frac{3}{8}$ ". Carpenters corrected this error before placement of concrete started. Also had to tie re-steel U-Bars off that had broken loose on the top of the wall. Clearances between re-steel and forms was 2" to 3" at all points. Alignment of forms was checked and found to need only slight adjustment. Carpenters corrected alignment of forms with turnbuckle braces, and rechecked alignment at end of concrete pour.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked workers for steel toe boots and hard hats today. A few employees and subcontractor's employees did not have steel toes in their work boots. Arcadia Rebar's office was notified that all personnel must have steel toe boots on while on the jobsite.

REMARKS

(Instructions received, miscellaneous remarks)

Project Insp. Lane Bryant instructed us to leave I-wall forms untouched until 18 hours of cumulative time with the outside air temperature at 50° plus has passed. This means that today's monoliths can not be wrecked until Wednesday morning.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-12-95
Date

B K CONSTRUCTION COMPANY, I.
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 12-11-95

Pour Location East I-Wall Monolith #42 and #39; Stabilization slab, East b sta. 82+90 to 83+35

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CMLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
295890	1:00	1:35	2.5°	10 Gal	3.75 ^x	56° 56°	6.0	3	1:15	9
295929	1:45	2:30	2.5°	0	3.5°	54° 56°	-	-	2:00	9
295979	3:10	3:45	2.5°	10 Gal	3.5°	58° 54°	5.6	-	3:10	9
295994	3:51	4:55	3.0°	5 Gal	3.5 ^x	56° 54°	-	-	3:55	8

REMARKS: Test Cylinder Set #LA-112,

NOTE: "x" = Actual Slump Determination
"o" = Visual Slump Determination

TECHNICIAN:
Steve Home

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

251

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Friday
08 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50%	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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MINIMUM 50°	MAXIMUM 72°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.40"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.60'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 4-31 hrs	SKILLED 17-122 hrs	LABORERS 19-150 hrs	TOTAL 40-303	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; PED. BRIDGE DEMOLITION
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Wrecked forms; Began forming for E. Mono #42; Formed & graded for stab slabs; Removed Concrete caps; Cut-off existing sheet piles; Rubbed surfaces of I-Wall Monos; Pulled pedestrian bridge piles;
- b) Set & tied bottom resteel for E. Monos #42 & #44.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground on 04 Dec 95.
- 50% of days lost due to adverse weather/wet ground on 05, 06 & 08 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor progressive work was performed this date by B&K and Arcadia, due to wet ground conditions. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 47.3%

PERCENT TIME ELAPSED: 74.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #40 after forms were removed, and noted no major surface defects. Noted B&K set F/S form for E. Mono #42 this date. Noted that E. Monos #35, #37, #38 & #40 were covered with wet burlene blankets for curing. Noted that tie-rod holes in E. Mono #40 were packed with dry-pack mortar as required as soon as forms were removed this date. Observed finishers rubbing F/S & P/S of E. Monos #31 thru #34, and on P/S only on E. Monos #122 thru #125. Observed B&K setting forms for stab slabs between EB/L Sta's 82+90 & 83+50, to a top elev. of +3.00', and grading inside of forms.

SELECTIVE DEMOLITION: Observed B&K removing concrete caps from between EB/L Sta's 81+40 & 83+10, by cutting off existing sheet piles at elev. +6.75' for temp. flood protection. Also observed B&K cutting off existing sheet piles between WB/L Sta's 116+15 & 116+75, at elev. +3.50'.

PEDESTRIAN BRIDGE DEMOLITION: Observed B&K pulling all but 2 of the wooden piles from the pedestrian bridges located adjacent to R. E. Lee Blvd. and Filmore Ave.

RESTEEL INSTALLATION: Observed Arcadia setting & tying bottom resteel for E. Monos #42 & #44. All resteel set, spaced & tied in accordance with approved shop drawing & steel schedule.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL:

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

NOTE: As of COB this date, Subcontractor Gill's Crane Service, has delivered all of the 126 pcs of AZ-18 X 38' steel sheet piles to Orleans Levee Board at 6920 Franklin Ave., N. O., LA. as required. These are the AZ-18 piles that were removed from between EB/L Sta's 70+20 and 72+95 as required. Hand Receipts have been signed by Mr. M. Tassin of B&K, Mr. Max Hearn of O.L.B., and Z. Bryant of COE, verifying delivery of said sheet piles.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Checked and found cable slings being used to hoist & load concrete caps to be in very good condition.

NOTE: Mr. Clayton Kelly, Laborer, was injured on the jobs this AM at approx. 0800 hours. Mr. Kelly injured his right ankle when he tripped over a piece of filter fabric that was sticking out of the ground at approx. EB/L Sta. 82+00. Mr. Kelly was taken to the Doctor for treatment. It was reported that Mr. Kelly sustained a severe sprain & hair-line fracture to R. Ankle.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant, Jr.</i> ZANE D. BRYANT, JR.	DATE 12 DEC 95	SUPERVISOR'S INITIALS <i>gw</i>	DATE 12/11/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/08/95 *RAIN OUT* REPORT NO.: 310
 SKIES: Cloudy - Rain RAIN: 0.40 IN. TEMP.: 50 MIN 72 MAX
 DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.6) NOISE: Moderate

* Too Wet for Trucks WORK PERFORMED/LOCATION
 ON the levee

① B&K Construction - Wrecked forms at East Monolith #40. Patched holes at this monolith, and then covered the wall with wet burlene blankets. Set canal side form at East Monolith #42. Formed up stabilization slab from East B Sta. 82+90 to sta. 83+50. Removed demolished concrete floodwall cap from East B Sta. 81+40 to station 83+10. Cut off existing MP-115 sheet piles below finish grade from East B Sta. 116+75 to station 116+15, and cut these scrap pieces into manageable sizes. Cement finishing crews completed patching and repairing East Monoliths #31, #32, #33, and #34, as well as East Monoliths #122, #123, #124 and #125 (this work was done on 12-7-95 and 12-8-95). Pulled all but two wood piling at Robert E. Lee Blvd. Pedestrian Bridge. The remaining two will be pulled on Monday.

② Arcadia Rebar - Tied bottom reinforcing steel at East Monoliths #42 and #44. Pre-tied one mat of re-steel for future placement.

CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY				
NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
19	Unskilled	150	B&K Const.	Wrecking and setting I-Wall forms; Forming stabilization slab; Demolition of existing floodwall; Pulling Pedestrian Bridge piles; Finishing concrete I-wall; Cutting off existing MP-115 Sheet piles. (See Above)
14	Skilled	110	"	
3	Supt.	22	"	
1	Q.C. Rep.	9	"	
3	Skilled	12	Arcadia Rebar	Tying Reinforcing steel for I-wall Monoliths (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	5	3	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	5	3	yes
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	yes	5	3	—
Bobcat Loader	Rental	yes	3	5	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

INSPECTIONS PERFORMED

I inspected the demolition of existing concrete floodwall cap on the East Bank. Existing sheet piles had been previously cut off at elev. +17.25 for Temporary Flood Protection Cofferdam. The 2'x4' concrete cap was removed today by the Koehring Crane, loaded into haul trucks, and dumped at the salvage yard for recycling. Some concrete sections were hauled to the Lakefront for water-break at fill areas (approval from the Orleans Levee Board was received for this disposal of concrete work).

Also checked pulling of wooden pilings at the Pedestrian Bridge at Robert E. Lee Blvd. today. Piles were pulled using the Komatsu 200 and EMV-300 vibratory hammer. Two piling remain to be pulled on the East Bank side and will be pulled on Monday. Some of the timber piles were cut up and hauled off today; the remaining debris will be hauled off on Monday and Tuesday of next week.

JOB SAFETY

(Note inspection, violations/actions taken)

An injury occurred today to one of our new employees (Laborer Clayton Kelley). As he walked down the top of the levee (East B Sta. 82 to 0 ±) carrying a steel slab form section, he tripped and twisted his ankle. Mr. Kelley was taken to the hospital and treated (diagnosis was a fractured ankle and possible sprain as well. No preventive action that could have been taken comes to mind. Other employees were asked to take care in congested work areas, and watch their footing.

REMARKS

(Instructions received, miscellaneous remarks)

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized O C Representative

12-11-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

250

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Thursday
07 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE

MINIMUM 46°	MAXIMUM 68°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-10½ hrs	TOTAL 1-10½ hrs	LABOR
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Canal RIVER STAGE

FEET 1.60'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 4-34 hrs	SKILLED 18-141 hrs	LABORERS 18-160 hrs	TOTAL 40-335
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; BRIDGE DEMO; SELECT.DEMO; COFFERDAMS
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Placed concrete for E. Monos #37 & #40; Wrecked forms; Placed concrete for stab slabs; Cut-off existing sheetpiles on west levee; Pulled temporary cofferdam sheet piles; Pulled wooden piles for pedestrian bridge at Filmore; Sandbagged cofferdam temp. closure;
- b) Set & Tied top resteel for E. Mono #37 and bottom resteel for E. Mono #39.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05 & 06 Dec 95

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was scheduled and performed by B&K and Arcadia this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 47.2%
PERCENT TIME ELAPSED: 74.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.
- TEMPORARY COFFERDAMS: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QOC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on E. Monos #37 & #40 prior to concrete placement (see attached LMN Form 1246's). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for the above monos this date. Noted concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Observed finishers rubbing P/S surfaces only of E. Monos #30, #31, #32, #120 & #121. Observed placement of +4.0" of concrete for stab slab between EB/L Sta's 81+40 & 82+90. Noted that E. Monos #01, #35 & #38 were covered with wet burlene blankets for curing as required.

PEDESTRIAN BRIDGE DEMOLITION: Observed B&K pulling all piles (wooden) out of canal adjacent to Filmore Ave this date.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-115 sheet piles at approx. elev. +3.50', between WB/L Sta's 116+75 & 117+10.

TEMPORARY COFFERDAMS: Observed B&K pulling sheet piles from cofferdam from between EB/L Stations 97+15 & 99+70, and sandbagging a temporary closure to elev. +6.75' at EB/L Sta. 97+15.

RESTEEL INSTALLATION: Observed Arcadia setting wall stem resteel for E. Mono #37 and bottom

~~VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include name, location and date)~~

resteel for E. Mono #39. Also observed Arcadia tying 2 more sets of wall stem resteel mats.

No Verbal Instructions were issued this date.

CONTROVERSIAL MATTERS IN DETAIL

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NONE

Contractor's Quality Control Report (submitted/~~NOT SUBMITTED~~) for this (date/~~PERIOD~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	9½ hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found anti-two blocking device working properly on the Koehring 405 Crane this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 11 DEC 95	SUPERVISOR'S INITIALS 	DATE 12/14/95
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STRUCTURE
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.
 CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 37 **LIFT NO.** ONE **ELEVATION** from 3.00 to 14.40 **DATE OF POUR** 12-07-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	12-7-95	12:20	ZAB	12-7-95	1230
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	12-7	12:20	ZAB	12-7-95	1230
CLEANLINESS	✓	"	"	✓	12-7-95	1230
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	12-7	12:25	ZAB	12-7-95	1230
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	12-7	12:25	ZAB	12-7-95	1235
CONDITION	✓	✓	✓	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	12-7-95	12:30	ZAB	12-7-95	12:35		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.85'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	12-7	12:35	ZAB	12-7-95	12:40		
G. SAFETY (LIST)	Jmj	12-7	12:35	ZAB	12-7-95	12:40		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Rigging	✓	"	"	✓	✓	✓		
3. Ladder + Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	12-7	12:40	ZAB	12-7-95	12:40		
FL340 Anchors	✓	"	"	✓	✓	✓		
Exp. Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	405	12:50	2				
Concrete Bucket	1	1.0 cy	"	"				
Concrete Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 70° ;							
	AIR TEMPS = 60° ; 3 Test Cylinders (LA-111)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: [Signature]				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FC CHECK OUT FOR STRUCTURE REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 40

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 12-07-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	12-7-95	12:50	ZAB	12-7-95	1400
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	12-7	12:50	ZAB	12-7-95	1400
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	12-7	12:55	ZAB	12-7-95	1400
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	12-7	1:00	ZAB	12-7-95	1405
CONDITION	✓	"	"	✓	✓	✓

INSPECTED BY CONTRACTOR

REVIEWED BY C.O.E.

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	12-7	1:00	ZAB	12-7-95	1405
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.88'	✓	"	"	✓	✓	✓
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	12-7	1:05	ZAB	12-7-95	1410
G. SAFETY (LIST)	Jmj	12-7	1:05	ZAB	12-7-95	1410
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Safety Glasses	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	12-7	1:10	ZAB	12-7-95	1410
FL 340 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	INSPECTED BY CONTRACTOR				REVIEWED BY C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
J.S.W. Excavator	1	Trackhoe	3:20	2				
Concrete Bucket	1	1.0 cu.	"	"				
Concrete Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 68° ;
 AIR TEMPS = 60° ; 3 Test Cylinders (LA-111)
 FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zachary Bryant*

INSTRUCTIONS
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/07/95

REPORT NO.: 309

SKIES: cloudy - Clearing RAIN: 0" IN. TEMP.: 46 MIN 68 MAX

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (1.6) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Set forms at East monolith 37 today, then placed concrete at East Monoliths #37 and #40. Also poured concrete in stabilization slab, from East B sta. 81+40 to sta. 82+90. Pulled Temporary Cofferdam sheet piles between East B Sta. 99+70 and sta. 97+15. Pulled Pedestrian Bridge piles at Filmore Avenue (complete). Cut off existing MP-115 sheet piles below FIN. Grade from West B sta. 117+10 to 116+75. Also cut sheet pile scraps into manageable sections for salvaging at a later date. Sand bagged closure at temporary Cofferdam, East B station 97+15.

Arcadia Rebar - Tied top reinforcing steel at East Monolith #37, and bottom re-steel at East Monolith #39. Pre-tied two more re-steel mats for future placement in I-Wall stem sections.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
18	Unskilled	160	B+K Const.	Forming I-wall Monoliths;
14	skilled	125	"	Placing concrete for I-wall
3	Supt.	26	"	and stabilization slab; Pulling
1	Q.C. Rep.	8	"	Temp. Cofferdam sheet piles; Pulling
				piles at Pedestrian Bridges;
				Cutting off existing MP-115 sheet
				piles below F.G.; Finishing I-wall
				Concrete. (See Above)
4	skilled	16	Arcadia Rebar	Tying Reinforcing steel for
				new I-wall (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	6	3	—
J.S.W. Excavator	—	yes	5	4	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	4	4	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	yes	5	3	—
Bobcat Loader	Rental	yes	3	5	—

MATERIALS RECEIVED

Received 17 cubic yards for East I-wall Monolith #37, and 17 c. yd. for East Monolith #40. Also received 9 c. yd. of the same material for East Bank Stabilization slab, station 81+40 to station 82+90. All material received today was Lafarge Concrete Company's Mix Design #44-C. Copies of the delivery tickets were furnished to the Government Project Inspector for each load received.

TESTS PERFORMED

(As required by plans/specifications)

B&K Construction personnel tested and inspected concrete material delivered by Lafarge Concrete Company today. Results of these tests can be found documented on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Temporary Flood Protection on the East Bank. Sheet piles were interlocked and provided the bulk of the protection (up to approx. elevation +8.00). Sand bags were used to close off the cofferdam to the new I-wall at \pm Station 97+15. No gaps or breaks in Flood Protection were observed. Some sheet piles still are left to be pulled between East B sta. 99+70 and 99+90. These were left in place for now due to the feeder line FL422 crossing them in two places.

Reinforcing steel clearances at East Monolith #37 had to be adjusted prior to concrete placement. Plastic-tipped bar supports were used to keep the minimum clearance between steel and forms at 2 1/2".

JOB SAFETY

Checked scaffolds at East Monoliths #37 and #40. Walk boards and brackets were in place and in good condition, as well as hand-rails, mid-rails, and toe boards.

Checked canal for any signs of pollution from contractor's activities - None were found.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-8-95
Date

B CONSTRUCTION COMPANY, INC.
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 12-7-95

Pour Location East I-Wall Monolith #37 and #40 ; East Bank Stabilization Slab, Sta. 81+40 to 82+90

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 psi
at 90 days

TICKET NO	TIME ARRVD	TIME CNPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
295146	12:50	1:35	3.0°	10 Gal.	4.0 ^x	70° 60°	5.5	3	1:00	9
295213	1:40	2:40	3.0°	10 Gal.	4.0°	68° 60°	-	-	1:45	8
295252	3:19	4:06	2.5°	15 Gal.	4.0 ^x	68° 60°	5.2	-	3:05	9
295311	4:32	5:35	3.0°	5 Gal.	3.5°	69° 60°	-	-	4:35	8
295252	3:00	4:15	2.5°	15 Gal.	4.0°	68° 60°	-	-	3:05	9

REMARKS: Test Cylinder Set #LA-111

NOTE: "x" = Actual Slump Determination
 "o" = Visual Slump Determination

TECHNICIAN: Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

249

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Wednesday
06 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Cloudy & Windy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 50%	BORROW EXCAVATION 50%	EMBANKMENT 50%	CONCRETE 50%	STRUCTURE 50%
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MINIMUM 62°	MAXIMUM 82°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION
INCHES Trace ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-9 hrs	LABOR
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FEET 1.80'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 4-35 hrs	SKILLED 14-124 hrs	LABORERS 19-170 hrs	TOTAL 36-329	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT. DEMO; COFFERDAM;
- b. Gill's Crane Service, Inc. - SHEET PILES DELIVERY
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a) Wrecked forms from E.Monos #01, #35 & #38; Set forms & resteel for E.Mono #40; Cut off existing MP-112 & MP-115; Rubbed I-Wall L/S surfaces; Drove cofferdam sheet piles; Curing.
- b) Delivered 120 pcs of AZ-18 X 38' steel sheet piles to Orleans Levee Board.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground on 04 Dec 95.
50% of days lost due to adverse weather/wet ground on 05 & 06 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor progressive work was performed this date by B&K and Gill. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAY 96

PERCENT PROJECT COMPLETE: 46.7%
PERCENT TIME ELAPSED: 74.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

COFFERDAM INSTALLATION: No instructions issued.

SHEET PILE DELIVERY: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Monos #01, #35 & #38 after forms were removed and noted no major surface defects. Observed B&K beginning to set forms for E.Mono #40, and checked resteel installation for this mono. Found all resteel properly installed. Observed finishers rubbing P/S surfaces of E.Monos #27 thru #30, and fractured fins only on E.Monos #121 & #122. Noted E. Monos #01, #33, #35, & #92 were covered with wet burlene blankets for curing. Also noted that finishers packed tie-rod holes in E.Monos #01, #35 & #38 with dry-pack mortar as required.

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 piles from between WB/L Sta's 117+10 & 117+50 at approx. elev. +3.50', and cutting off existing MP-115 piles between EB/L Sta's 81+40 & 84+30 in preparation for removing concrete caps.

COFFERDAM INSTALLATION: Observed B&K driving temporary cofferdam sheet piles between EB/L Sta's 92+80 & 94+00, approx. 6' F/S of existing sheet piles, and to an approx. top elev. of +8.00'.

SHEET PILE DELIVERY: Visually counted all AZ-18 sheet piles delivered to Orleans Levee Board and found that Gill had delivered 120 pcs. of AZ-18 X 38' steel sheet piles.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

PE, C. Wagner informed CQC Rep's M. Tassin and J. Justice that they (B&K) must submit a sketch and proposal for loading the Koehring 535 Pile Driving Crane onto barges on this jobsite. This submittal must be submitted to and reviewed by COE prior to contractor loading crane onto barges. Messrs. M. Tassin and J. Justice agreed to concur.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

NOTE: Subcontractor delivered 120 pcs. of 126 pcs. of AZ-18 steel sheet piles to Orleans Levee Board at 6920 Franklin Ave., N.O., La.. Still has to deliver the remaining 6 pcs.

Contractor's Quality Control Report (submitted/~~XXXXXX~~) for this (date/~~XXXXXX~~).

REMARKS. (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Checked and found personnel operating cutting torches to be wearing leather gloves, cutting goggles, hard hats, and safety boots this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE ZANE D. BRYANT, JR.	DATE 07 DEC 95	SUPERVISOR'S INITIALS 	DATE 12/13/95
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QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel cutting existing sheet piling to a l. 6.75' near Sta. R2+00 E/B/L. to be used for temp. flood protection. Also observed carpenters & laborers setting formwork for next pour on east side between Filmore Ave & McCreed Ave. Finishers continuing to finish wells previously placed w sand cement mixture.

Instructions to COC/Remarks: Instructed Supt. M. K. Tassin & COC rep Jerry Justice to submit proposal including calculations & sketch for unloading the crane onto the barges in the canal. They agreed to do so.

Chris Wagner Proj Engr
Name Title

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/06/95

REPORT NO.: 308

SKIES: cloudy

RAIN: Trace IN. TEMP.: 62 MIN 82 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (1.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B&K Construction - Wrecked forms at East I-Wall Monoliths #1, #35, and #38 today. Patched tie-bolt holes and then covered these monoliths with wet burlene blankets, cleaned, oiled, and set forms at East Monolith #40 (B&K Const. personnel had to set top re-steel at this wall in the absence of Arcadia Rebar today). Drove Temporary Cofferdam sheet piles from East B station 94+00 to sta. 92+80. Cut off existing MP-115 sheet piles below fin. grade from West B station 117+50 to station 117+10. Also had to go back and re-cut through interlocks on some previous work for sheet pile removal. Cut off existing MP-115 sheet piles at elev. +6.75 for concrete cap demolition between East B sta. 81+40 and 84+30 (concrete cap not removed yet). Worked on clean up of debris along West Bank at Sta's 119+65 to 102+00, and made preparations to pull Pedestrian Bridge piles at Robert E. Lee and Filmore Avenue. Cement finishers completed work on East I-Wall Monoliths #27, #28, #29, and #30, as well as East Monolith #21 and half of #122 Land Side of walls only). Survey crew staked levee crown elevations for embankment work, and began layout of West Bank I-wall centerline.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
19	Unskilled	170	B&K Const.	Wrecking and setting I-Wall forms;
14	Skilled	124	"	Driving Temporary Cofferdam
3	Supt.	27	"	sheet piles; Cutting off existing
1	Q.C. Rep.	8	"	sheet piles; Demolition of existing
				floodwall and Pedestrian Bridges;
				Finishing concrete surfaces
				of I-Wall; Laying out I-Wall
				centerline and embankment
				work. (See Above)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	8	0	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	1	7	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	1	7	—
Mantis 3612 Crane	—	Yes	8	0	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	3	5	—
6" diesel pump	—	No	0	8	—
Emv-300 Vib. Hammer	—	Yes	8	0	—
Bobcat Loader	Rental	Yes	5	3	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

Existing AZ-18 sheet piles that were previously pulled and cleaned were delivered to the Orleans Levee Board yard by Gill's Crane Service. An inventory count revealed that 6 pieces of AZ-18 were never delivered to the Levee Board yard yet. Mr. Bill Audibert was contacted today, and instructed to deliver the remaining 6 piles to the Orleans Levee Board as soon as possible.

Checked Temporary Flood Protection work done today. RZ-10 sheets at Filmore → P.S. #4 area were driven to approximate cut-off elevation +8.00. Some longer sheets hit refusal before reaching cut-off elevation and were left sticking up higher. Supt. Al Stechmann said that he would mark these sheets with paint at the proper penetration length. No gaps or breaks in Temporary Flood Protection existed below elev. +6.75.

JOB SAFETY

(Note inspection, violations/actions taken)

Workers dismantling Pedestrian Bridges wore Flotation Work Vests while near the canal waters today.

Flagmen were provided with orange vests and flags to stop and/or direct traffic at Robert E. Lee Blvd and Filmore Avenue as needed today.

REMARKS

(Instructions received, miscellaneous remarks)

Chris Wagner (C.D.E. Project Engineer) informed us that we must submit a sketch and proposal for loading the pile driving crane onto barges at Mirabeau Avenue. An example of what's required was handed to B&K Construction Project Manager Blake Andrews today.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized Q C Representative

12-7-95
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

248

TO Area Engineer,
CELMN-CD-NO

COPY TO: C/Const. Div.
CELMN-CD

DATE Tuesday
05 December 1995

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Partly Cloudy & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50 %	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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MINIMUM 62°	MAXIMUM 82°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-10 hrs	TOTAL 1-10 hrs	LABOR
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FEET 1.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-37½ hrs	SKILLED 16-137 hrs	LABORERS 20-162 hrs	TOTAL 39-336½	FROM 0700 M	TO 1800M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; SELECT. DEMO.; COFFERDAM; BRIDGE DEMO.
- b. Gill's Crane Service, Inc. - MOBILIZING
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a) Cut-off existing sheet piles; Removed planks & rails from pedestrian bridges; Placed concrete for E. Mono #01 Concrete Collar; Drove temporary cofferdam sheet piles; Rubbing surfaces of I-Wall Monos
- b) Mobilized 3-small barges for piledriving rig.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground on 04 Dec 95.
50% of day lost due to adverse weather/wet ground on 05 Dec 95.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this date by B&K. However, work was limited due to wet ground conditions from previous rainfall.

DATE SET FOR COMPLETION: 22 MAY 96 PERCENT PROJECT COMPLETE: 46.7%
PERCENT TIME ELAPSED: 73.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
 - PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.
 - SELECTIVE DEMOLITION: No instructions issued.
 - TEMPORARY COFFERDAMS: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on E.Mono #01 Concrete Collar (see attached LMN Form 1246). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for E.Mono #01. Noted concrete not being allowed to drop more than 5', is being placed in lifts of less than 18", and is being well vibrated. Observed finishers rubbing P/S surfaces of E.Monos #24, #25, #26, and #105 thru #120 (fractured fins only). Noted that E. Monos #31 & #33 were covered with wetted burlene blankets, and E. Monos #35, #38 & #92 were still formed & tops covered with wet burlene blankets, for curing purposes.

SELECTIVE DEMOLITION: Observed B&K cutting off existing sheet piles (MP-112) from between WB/L Sta's 117+50 & 118+30 at approx. elev. +3.5'.

PEDESTRIAN BRIDGE DEMOLITION: Noted B&K and completed removal of both pedestrian bridges (1 @ Filmore Ave. and 1 @ R. E. Lee Blvd.), with the exception of pulling all wooden piles.

TEMPORARY COFFERDAMS: Observed B&K driving temporary cofferdam sheet piles between approx. EB/L Sta's 94+00 & 94+95, to an approx. top elev. of +8.00', approx. 6' F/S of existing piles.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NOTE: Subcontractor, Gill, mobilized 3 small barges onto jobsite this date. These barges are to be used to float the Koehring 535 Pile Driving Rig and the V-5 Vibratory Hammer w/power pack.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	9 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)

Noted personnel over water in canals to be wearing proper flotation devices (life vest). No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant, Jr.
ZANE D. BRYANT, JR.

DATE

06 DEC 95

SUPERVISOR'S INITIALS

gw

DATE

12/11/95

FO CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH East 1 LIFT NO. ONE ELEVATION from 3.00 to 14.40 DATE OF POUR 12-05-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	12-5-95	3:15	ZAB	12-5-95	1530
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	12-5	3:15	ZAB	12-5-95	1530
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	12-5	3:20	ZAB	12-5-95	1530
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	12-5	3:25	ZAB	12-5-95	1535
CONDITION	✓	"	"	✓	✓	✓

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	12-5-95	3:25	ZAB	12-5-95	1535
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 3.67' X 5.17'	✓	"	"	✓	✓	✓
WIDTH 1.75' X 1.92'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JmJ	12-5	3:30	ZAB	12-5-95	1540
G. SAFETY (LIST)	JmJ	12-5	3:30	ZAB	12-5-95	1545
1. Eye Protection	✓	"	"	✓	✓	✓
2. Ladder	✓	"	"	✓	✓	✓
3. Rigging	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	12-5	3:35	ZAB	12-5-95	1545
Expansion Material	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1600	3/4				
Concrete Bucket	1	1.0 c.y.	1600	"				
Concrete Vibrator	1	18' shaft	1600	"				
Generator	1	Gasoline	1600	"				

J. REMARKS SLUMP = 5" ; AIR ENTR. = 4.7% ; CONCRETE TEMPS = 72°
AIR TEMPS = 77° ; 3 Test Cylinders (LA-110)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: Zachary

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/05/95

REPORT NO.: 307

SKIES: Clear - Pt. Cloudy

RAIN: 0" IN. TEMP.: 62 MIN 82 MAX

DUST: None

LEEVE CONDITION: Wet CANAL GAUGE: (1.7) NOISE: Moderate

*Too Wet for any Productive Work. WORK PERFORMED/LOCATION

BTK Construction - Drove Temporary Cofferdam sheet piles from East B Sta. 94+95 to sta. 94+00. Cut off existing MP-115 sheet piles below F.G. from West B sta. 118+30 to sta. 117+50. Carpenters completed forming the concrete collar at Mirabeau Ave. (East Monolith #1), and placed concrete at East Mous. #1 today. Worked on demolition of Pedestrian Bridges at Robert E. Lee and Filmore Avenue (Pulling of piles is all that remains to be done). Cement finishing crews patched and repaired land side surfaces of East Monoliths #24, #25, and #26. Also did spot repairs on land side of East Monoliths #105 through #120.

Gill's Crane Service - Mobilized a barge to set up a pile driving crane on at Mirabeau Avenue (West Bank). No other work performed today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
19	Unskilled	160	Btk Const.	Driving Temp. Cofferdam sheet piles; Cutting off existing sheet piles; Forming and pouring concrete collar at Mirabeau Ave; Demolishing Pedestrian Bridges; Finishing concrete surfaces of I-Wall Monoliths. (see Above)
15	Skilled	135	"	
3	Supt.	28	"	
1	QC. Rep.	9.5	"	
1	skilled	2	Gill's Crane	Mobilizing equipment for pile driving crew (see Above)
1	Unskilled	2	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	YES	3	5	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	YES	3	5	—
Case 580 Backhoe #2	—	YES	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	YES	4	4	—
Koehring 405 Crane	—	YES	5	4	—
J.S.W. Excavator	—	NO	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc. #2	—	YES	7	1	—
6" diesel pump	—	NO	0	8	—
Emv-300 vib. Hammer	—	YES	7	1	—
P+H 30 Ton Crane Returned	—	No	0	8	—

MATERIALS RECEIVED

Received 6.5 cubic yards of concrete (Lafarge's Mix Design #44-C) today, and placed this material in East Monolith #1 (concrete collar). Copies of the delivery ticket were furnished to the Government Inspector, complete with all necessary batch information.

TESTS PERFORMED

(As required by plans/specifications)

B&K Construction tested and inspected concrete delivered by Lafarge Conc. Co. today. Results can be found on the attached Concrete Field Data Summary sheet. Three test cylinders were molded, and will be delivered to the Government Lab tomorrow.

Checked the cutting off of existing sheet piles (under the item "Selective Demolition"). Existing MP-115 piles were torch-cut at approximate elevation +4.00, or 1.0' below Finish Grade. Cut-off scraps were piled up on the Flood side of the new I-wall (see page #1 for Stations), to be hauled off for salvage at a later date.

Checked formwork and re-steel at concrete collar poured today (East Monolith #1). Condition of forms was good. Tie-bolts and bracing appeared to be adequate. Shop drawings were used to assemble the forms as much as was possible. Reinforcing steel shop drawing was used by Arcadia Rebar to install re-steel on Monday of this week. Government checklist LMN of Form #1246 was completed prior to concrete placement.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked torch operators for proper protection. Torch burners wore hard hats, burning goggles, and leather gloves, as well as steel toe boots. Torches had backflow preventers installed in-line on both oxygen and acetylene hoses.

REMARKS

(Instructions received, miscellaneous remarks)

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice
Authorized Q C Representative

12-6-95
Date

