

**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 **A 0006596**

REPORT NUMBER **95**

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

DATE Wednesday
05 April '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 & Mild with Lt. Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
0%	0%	0%	50%	50%

TEMPERATURE	
MINIMUM	MAXIMUM
60°	72°

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

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
2-2 hrs			1-8 hrs	3-10 hrs	

Canal RIVER STAGE	
FEET	TIME
1.90'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-18 hrs	11-93 hrs	8-75 hrs	21-186	0700 M	1730M	M	M	M	M

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. - REINFORCED CONCRETE FLOODWALL
- 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) Set forms & poured East Mono #138; Set forms for East Mono #133; Con't curing East Monos #135 and #140; Cleaned adjacent streets.
b) Stuck & drove 38 pcs of CZ-101 X 24'-9" piles between EB/L 107+99.95 and 108+68.55
c) Set & Tied bottom resteel for East Mono #131 and wall stem resteel for East Mono #138.

Days of no work and reasons for same:
100% of days lost due to adverse weather/high tides on 04 April 95.
50% of days lost due to adverse weather/high tides on 05 April 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: 03 APRIL 96 PERCENT PROJECT COMPLETE: 15.1%
PERCENT TIME ELAPSED: 38.9%

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 QCC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on East Mono #138 prior to placing concrete (see attached LMN Form 1246). Observed placement & vibration of concrete into forms this date. Concrete is receiving adequate vibrations this date, and is being placed in lifts less than 18". Witnessed Delta Testing Rep. performing required concrete test and molding 3 test cylinders (see back of attached LMN Form 1246 for test results). East Mono #130 is between EB/L Sta's 112+09.50 and 112+38.36. Checked and found top chamfer strips set at elev. +14.40' (P/S) and +14.38' (F/S) as required. Three-bulb waterstops and expansion material for East Mono #130 were properly installed & secured.

STEEL SHEET PILES: Observed Gill sticking & driving 38 pcs of CZ-101 X 24'-9" sheet piles between EB/L Sta's 107+99.95 & 108+68.55, down to a top elev. of +4.75 as required. All piles were driven plumb and on good alignment.

RESTEEL INSTALLATION: Observed Arcadia setting & tying required resteel for the bottom section of East Mono #131, and the wall stem resteel for East Mono #138. All resteel was tied at 100%, and spacing & bar counts were in accordance with approved shop drawings.

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
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	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 in vicinity of concrete placement were wearing hard hats, safety glasses, and steel-toed boots/rubber boots.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

06 APR 95

SUPERVISOR'S INITIALS

Yw

DATE

4/12/95

DATE 4-5-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed the striking
+ driving of permanent sheet piling. I-beam
template used to align shafts & level used
to check plumbness of shafts. Some resistance
observed when driving but not enough to
cause any problems. Observed laborers
trimming rebar for mono # 138. All personnel
wearing gloves when trimming steel.

Instructions to COC/Remarks:

Second concrete pour cancelled
due to high tide in canal.

Chunf Wagner Proj Engr
Name Title

FORM CHECK OUT FOR STRUCTURES 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 # 138 LIFT NO. ONE ELEVATION from 2.00 to 14.40 DATE OF POUR 4-5-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmD	4-5-95	13:05	ZAB	4-5-95	13:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmD	4-5-95	13:05	ZAB	4-5-95	13:15
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmD	4-5-95	13:05	ZAB	4-5-95	13:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmD	4-5-95	13:10	ZAB	4-5-95	13:20
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>JmJ</i>	4-5-95	13:10	<i>ZLB</i>	4-5-95	1320		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84'	✓	"	"	✓	✓	✓		
WIDTH 1.75' → 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>JmJ</i>	4-5-95	13:10	<i>ZLB</i>	4-5-95	1325		
G. SAFETY (LIST)	<i>JmJ</i>	4-5-95	13:15	<i>ZLB</i>	4-5-95	1325		
1.	✓	"	"	✓	✓	✓		
2.	✓	"	"	✓	✓	✓		
3.	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>JmJ</i>	4-5-95	13:15	<i>ZLB</i>	4-5-95	1325		
Expansion Material		"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	# 3612	1400	2:20				
Concrete Bucket	1	1.5 c.y.	"	2:20				
Concrete Vibrators	2	18' x 12'	"	2:20				
J. REMARKS	SLUMP = 3 1/2" & 3" ; AIR ENTR. = 3.0% & 3.1% ; CONCRETE TEMPS = 73° + 73° ; AIR TEMPS = 64° + 64° ; 3 Test Cylinders (LA-21)							
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: 04/05/95

REPORT NO.: 132

SKIES: Cloudy

RAIN: 0.20 IN: TEMP: 60 MIN. 72 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE:(1.9)NOISE: Moderate

(CANAL STILL RISING)

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High Tide & wet soil delayed placement of Concrete at East Monolith #133. Set Forms at East I-Wall Monolith #138. Placed Concrete at East I-Wall Monolith #138 at 2:00 PM. Also set Forms at East I-Wall Monolith #133 (Not poured today). Laborers kept water pumped out of the Excavated area while Concrete was placed, and cleaned mud off of Robert E. Lee Blvd. after trucks left the the job. Carpenters did minor repair work to the I-Wall Forms. Cement Finishers patched & repaired East Monoliths #137 and #142.

ARCADIA REBAR - Tied Reinforcing Steel for East I-Wall Monoliths #131 (bottom only) and #138 (top only). Also pre-tied one Re-Steel Wall Curtain on the Levee to be placed later.

GILL'S CRANE SERVICE - Drove new CZ-101 Steel Sheet Piling on the East Bank from Station 108+68.55 to Station 107+99.95. (38 pieces, 24'-9" long each.)

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	75	B & K	Forming, pouring, & repairing I-Wall Forms; Placing Concrete for
7	Skilled	65	"	I-Wall;Curing & finishing I-Wall
1	Supt.	9	"	Monoliths. (See locations above.)
1	Q.C. Rep.	9	"	
2	Skilled	14	GILL'S CRANE	Driving new CZ-101 Sheet Piling on the East Bank. (See above.)
2	Skilled	14	ARCADIA REBR	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	3	5	-
Komatsu D37P Dozer	-	Yes	3	5	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	Yes	6	2	-
Komatsu 200 Excavator 2	DEP	-	-	-	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	6	3	-
JSW Excavator	-	Yes	3	5	-
Welding Machine	-	No	0	8	-

TESTS PERFORMED

(as required by plans/specifications)

Concrete Tests were performed by DELTA TESTING today. SLUMPS were recorded at 3" and 3 1/2". AIR CONTENTS were recorded at 3.0% and 3.1%. Air Entrainment from LAFARGE CONCRETE has been very consistent up to this point. However, LAFARGE'S Quality Control Manager was notified of the results.

MATERIALS RECEIVED

Received 18 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at East I-Wall Monolith #138. DELTA TESTING performed Concrete tests as required. See "Tests Performed" for results.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the new CZ-101 Sheet Piling driven today. All interlocks were fully engaged. Sheets were plumbed in both directions within 1/8" per foot. Cut off elevation was controlled by a laser level at elevation +4.75. Alignment was controlled by survey offset stakes set 0.33' East of the I-Wall C/L. The driving template was placed directly against these stakes for alignment.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked the public streets for mud. Laborers shoveled clay chunks off of Robert E. Lee Blvd., then hosed off the bridge and street with water. The street was clean & free of debris at 5:30 PM.

REMARKS
(Instructions received, miscellaneous remarks)

We are requesting 50% of Lost Production for today due to rain, wet soil, and high tide in the Canal. The second I-Wall Monolith could not be poured as planned due to inclement weather.

I certify to the best of my 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.


Authorized Q C Representative

04/06/95

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

94

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

DATE Tuesday
04 April 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 Lt. Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
60°	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	ENDING
0.25"	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
2-16 hrs	12-79 hrs	8-48 hrs	22-143	0730 M	1600 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
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. Gill's Crane Service, Inc. - STEEL SHEET PILES

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) Wrecked forms from East Monos #135, #137 and #140; Wet cured East Monos #135, #137 & #140 with wet burlene; Welded #6 rebars to top of all sheet piles for cathodic protection between EB/L Sta's 109+50 & 116+27.
- b) Set & Tied resteel for wall stem of E. Mono #133 & bottom resteel for E. Mono #138.
- c) Drove 36 pcs of CZ-101 X 24'-9" sheet piles, between EB/L Sta's 108+68.55 & 109+34.

Days of no work and reasons for same:

100% of day lost due to adverse weather/high tides on 04 April 95.

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

Progressive work was only performed by Gill this date. B&K and Arcadia performed minor work due to the wet ground conditions and periodic rains. See attached CQC Report for details of work performed this period.

DATE SET FOR COMPLETION: 03 APRIL 96 PERCENT PROJECT COMPLETE: 14.7%
PERCENT TIME ELAPSED: 38.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: See "Verbal Instructions" on back of this QA Report.

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 CQC ACTIVITIES

The following QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed removal of forms from East Monos #135 & #140 this date. Noted several air bubbles ½" and larger on surfaces of East Monos #135 & #140. These will be repaired by finishers. Observed carpenters repairing mono forms this date. Noted that East Monos #135, #137 and #140 were covered with wet burlene for curing as required. Checked and found contractor had tack-welded #6 rebars to the tops of all sheet piles, between EB/L Sta's 109+50 and 116+27 for cathodic protection as required. Observed the setting and aligning of forms for East Mono #133 this date.

RESTEEL INSTALLATION: Checked installation of resteel for the wall stem of East Mono #133 and the bottom section of East Mono #138 this date. Found all steel tied at 100% and all steel set & spaced in accordance with approved shop drawings.

STEEL SHEET PILES: Observed Subcontr. (Gill) sticking & driving 36 pcs of CZ-101 X 24'-9" sheet piles, down to approx. top elev. of +4.75 (±1½"), between EB/L Sta's 108+68.55 & 109+34. All piles were driven plumb and on proper alignment. Contractor using an I-Beam template for alignment, and using a 4' level to check pile plumbness.

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

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

QAR, Z. Bryant instructed CQC Rep's M. Tassin and J. Justice this date, as per PE, C. Wagner, that they (B&K) must go back on all monoliths and repair all surface defects within the fractured fins that are ½" and larger as required. Messrs. Tassin and Justice agreed to concur with these instructions ASAP.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NONE


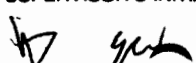
Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Cosnt. 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 the Anti-Two Blocking Device working properly on the Mantis Crane this date. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 05 APR 95	SUPERVISOR'S INITIALS 	DATE 4/12/95
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 04/04/95

REPORT NO.: 131

SKIES: Cloudy - Rain

RAIN: Wet

IN. TEMP.: 60 MIN 76 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (1.8)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for Concrete trucks on the Levee. Wrecked Forms at East I-Wall Monoliths #137 and #140. Covered these Walls with Burlene and wet them down, along with East Monolith #135 (after cleaning sets of Forms). Installed Expansion material at East Monolith #138. Welded #6 Rebar to CZ-101 Sheet Piling for Cathodic Protection on the East Bank from Station 110+27 to Station 109+50. Carpenters worked on I-Wall Forms, repairing plywood joints with bondo filler, and adding more fasteners in the Fractured Fin material.

ARCADIA REBAR - Tied bottom Re-inforcing Steel at East Monolith #138, and top Re-Steel at East Monolith #133. Also tied one mat on the Levee for future placement at I-Walls.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from Station 109+34 to Station 108+68.55. (36 pieces at 24'-9" long each.) Mechanical problems with the Koehring 535 Crane delayed production this morning.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	2	6	No
Komatsu D37P Dozer	-	Yes	2	6	No
Kubota 151 Excavator	-	No	0	8	No
Case 580 Backhoe	-	Yes	2	6	No
Koehring 535 Crane	-	Yes	5	3	No
MKT Vibro Hammer	-	Yes	5	3	No
Komatsu 200 Excavator 2	-	No	0	8	No
Fiat-Allis MotorGrader	-	No	0	8	No
Mantis 3612 Crane	-	No	6	2	No
JSW Excavator	-	Yes	2	6	No
Welding Machine	-	Yes	2	6	No
	-				

MATERIALS RECEIVED

None today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Cathodic Protection work done today. The #6 Rebar was tack-welded to each piece of CZ-101 Sheet Piling. No Steel extended through the Monolith Joints. Steel Sheets were clean & dry before #6 Bar was welded on. Inspected Sheet Piling driven today. Cut-off elevation was +4.75, controlled by a driving template set to the East edge of the new Sheets (0.33' East of the I-Wall Centerline.)

TESTS PERFORMED
(As required by plans/specifications)

None today.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	48	B & K	Wrecking, repairing, cleaning, oiling, and setting I-Wall Forms; Cathodic Protection work; and curing I-Wall Concrete. See Page 1.
7	Skilled	50	"	
1	Supt.	8	"	
1	Q.C.Rep.	8	"	
2	Skilled	14	GILL'S CRANE	Driving new CZ-101 Sheet Piling on the East Bank. (See Page 1.)
3	Skilled	15	ARCADIA REBAR	Tying Reinforcing Steel on the East Bank for new I-Wall. (See Page 1.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Slings and Shackles used to drive Sheet Piling today. Shackles were tied off with tie wire to prevent them from vibrating loose. Slings and Cables were in good condition. Pile Driving Crew checked their rigging at 7:30 AM and 12:30 PM for safety.

REMARKS

(Instructions received, miscellaneous remarks)

Inspector Zane Bryant stated that there are still some honeycombs or air bubble holes larger than 1/2" diameter in the Fractured Fin area of completed I-Walls. These holes must be patched prior to applying cementitious paint to the Walls.

*Left off of Q.C. Report #125 - Structural Excavation was performed from Station 109+00 to Station 107+30 (East Bank).

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.



Authorized Q C Representative

04/05/95

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

93

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun. & Mon.
01, 02 & 03 April 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 & Mild

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 45°	MAXIMUM 75°
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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
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NUMBER OF GOVERNMENT EMPLOYEES

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

FEET 2.80' to 1.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-21 hrs	SKILLED 11-88 hrs	LABORERS 8-82 hrs	TOTAL 21-191	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. - REINFORCED CONCRETE FLOODWALL
- 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) Installed Cathodic Protection Jumpers between East Monos #131/#132, #132/#133, and #133/#134. Rubbed surfaces of East Monos #139 & #142; Set forms, bulkheads, waterstops and expansion material for East Monos #135 and #140; Poured & vibrated concrete for East Monos #135 and #140; Cured East Monos #137 and #142.
- b) Installed top & bottom resteel for East Mono #140, and bottom resteel for East Mono #133.

Days of no work and reasons for same:

No delays were incurred so far this month.

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 on Mon., 03 April 95. See attached CQC Report for details.

DATE SET FOR COMPLETION: 03 APRIL 96

PERCENT PROJECT COMPLETE: 14.4%
PERCENT TIME ELAPSED: 38.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 03 Apr 95:

REINFORCED CONCRETE FLOODWALL: 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 QA Inspections were performed on Mon., 03 Apr 95:

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on East Monos #135 & #140 (see attached LMN Form 1246's). Observed placement and vibration of concrete into forms for East Monos #135 & #140 this date. Concrete is receiving adequate vibrations and is being placed in lifts not exceeding 18". Witnessed Delta Testing Rep. performing required concrete test and molding 3 test cylinders (see back of attached LMN Form 1246's for test results). Checked and found alignment of forms for East Monos #135 & #140 to be in accordance with plans. Checked and found top chamfer strips to be set at elev. +14.40'(P/S) and +14.38'(F/S) as required. Observed finishers rubbing surfaces of East Monos #139 & #142. Noted that East Monos #137 & #142 were covered with wet burlene whenever finishers were not working on them. Checked the installation of cathodic protection jumpers between East Monos #131/#132, #132/#133, and #133/#134, and found jumpers to be 1/0 size wire (as approved) and to be properly bonded to the sheet piles by cadwelding. Also noted that exposed ends of jumpers were covered with Roysten Handicap II insulating resin as required.

RESTEEL INSTALLATION: Checked and found that subcontr: had properly installed wall stem & bottom resteel for East Mono #140, and bottom resteel only for East Mono #133.

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. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	9½ hrs. (Mon)	QAR

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

Checked and found ladders and scaffolds properly secured to I-Wall forms this date.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant</i> ZANE D. BRYANT JR	DATE 05 APR 95	SUPERVISOR'S INITIALS <i>W</i>	DATE 4/12/95
---	-------------------	-----------------------------------	-----------------

DATE: 4-3-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed finisher rubbing out walls and filling air holes & voids with cement grout mixture. Also observed wet burlap blankets that were placed over previously completed walls. Checked placement of concrete for mono # 140 and witnessed Delta. Testing: take air & slump tests. See attached sheet for results. Concrete being well vibrated after being placed in forms. Laborers observed cleaning excess debris from streets after from concrete trucks.

Instructions to COC/Remarks:

N/A

Chun F. Nguyen
Name

Proj Engr
Title

FORM CHECK OUT FOR STRUCTURES 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 # 140 LIFT NO. ONE ELEVATION from 2.00 to 14.40 DATE OF POUR 4-3-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-3-95	12:45	ZAB	4-3-95	1245
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	Jmj	4-3-95	12:45	ZAB	4-3-95	1245
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-3-95	12:50	ZAB	4-3-95	1250
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	4-3-95	12:50	ZAB	4-3-95	1250
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMJ	4-3-95	12:50	ZOB	4-3-95	1250		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84'	✓	"	"	✓	✓	✓		
WIDTH 1.75' → 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JMJ	4-3-95	12:50	ZOB	4-3-95	1255		
G. SAFETY (LIST)	JMJ	4-3-95	12:55	ZOB	4-3-95	1255		
1. Safety Glasses	✓	"	"	✓	✓	✓		
2. Ladder + Scaffold	✓	"	"	✓	✓	✓		
3. Rigging on Bucket	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JMJ	4-3-95	12:55	ZOB	4-3-95	1255		
Exp. Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1310	1 1/2				
Conc. Bucket	1	1 1/2 cu.	1310	1 1/2				
Conc. Vibrators	2	18' + 12'	1310	1 1/2				
J. REMARKS	SLUMP = 3 1/2" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 74° ;							
	AIR TEMPS = 72° ; 3 Test Cylinders (LA-20)							
	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.								

FORM CHECK OUT FOR

 STRUTURES REINFORCED 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 # 135

LIFT NO.

ONE

ELEVATION

from 2.00 to 14.40

DATE OF POUR

4-3-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	4-3-95	13:40	ZAB	4-3-95	1340
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	Jmg	4-3-95	13:40	ZAB	4-3-95	1340
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	4-3-95	13:45	ZAB	4-3-95	1345
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	4-3-95	13:45	ZAB	4-3-95	1345
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-3-95	13:50	ZLB	4-3-95	1345		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75' → 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	4-3-95	13:50	ZLB	4-3-95	1350		
G. SAFETY (LIST)	Jmj	4-3-95	13:50	ZLB	4-3-95	1350		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Check Rigging	✓	"	"	✓	✓	✓		
3. Scaffold & Ladder	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-3-95	13:50	ZLB	4-3-95	1350		
Expansion Material	NONE THIS POUR	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Thant's Crane	1	#3612	1520	2 1/2				
Concrete Bucket	1	1.5 c.y.	1520	2 1/2				
Concrete Vibrators	2	18' x 12'	1520	2 1/2				
J. REMARKS	SLUMP = 4.0" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 75° ;							
	AIR TEMPS = 71° ; 3 Test Cylinders (LA-20)							
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 CONSTRUCTIONS JOB NO. 9402

DATE: 04/03/95

REPORT NO.: 130

SKIES: Clear

RAIN: Trace IN. TEMP.: 45 MIN 75 MAX

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

WORK PERFORMED/LOCATION

04/02/95 - (Sunday) - No work performed due to wet soil and high water in the Canal. Work area was still flooded today.

04/03/95 - (Monday) - ARCADIA REBAR - Tied I-Wall Reinforcing Steel in place at East Monolith #140, and bottom Re-Steel at East Monolith #133. Also tied two Wall Steel Curtains on the Levee for future placement.

B & K CONSTRUCTION - Installed Cathodic Protection Bond Cables on the East Bank at Monolith Joints #134-#133, #133-#132, and #132-#131. Burned holes in Sheet Piling (to pass Re-Steel through) up to East Monolith #130 (Station 110+07). Completed forming East I-Wall Monoliths #135 and #140. Placed Concrete at East I-Wall Monoliths #135 and #140 today at 1:00 PM and 3:15 PM. Also poured Concrete at blockouts left in Stabilization Slab where Bond Cables were installed today. (See location above). Cement Finishers patched and rubbed I-Wall Concrete at East Monoliths #139 and #142. Laborers wet Burlene Blankets and Concrete surface at East Monolith #142 (#137 not wrecked yet.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	3	5	No
Komatsu D37P Dozer	-	Yes	2	6	No
Kubota 151 Excavator	-	No	0	8	No
Case 580 Backhoe	-	Yes	2	6	No
Koehring 535 Crane	-	No	0	8	No
MKT Vibro Hammer	-	No	0	8	No
Komatsu 200 Excavator 2	-	No	0	8	No
Fiat-Allis MotorGrader	-	No	0	8	No
Mantis 3612 Crane	-	No	8	0	No
JSW Excavator	-	No	0	8	No
Welding Machine	-	No	0	8	No
	-				

MATERIALS RECEIVED

Received 36 c.y. of Concrete (Mix#44) from LAFARGE CONCRETE COMPANY today. This material was placed at East I-Wall Monoliths #135 and #140 today. Batch weights and admixtures.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Cathodic Protection Bond Cables installed today. Only approved materials were used, and Cables were cadwelded to new CZ-101 Steel Sheet Piling at locations shown on the drawings. Steel surfaces were cleaned and dried before applying cadwelds & Bond Cables. Good bonds to the Sheet Piling were achieved at each location. Epoxy caps were placed over the bare wire ends.

Also inspected Reinforced Concrete Floodwall work done today. The required checklist was completed prior to placement of Concrete. Alignment and elevation were checked. Top of Wall was set at +14.40 (with 1/4" fall towards the Canal Side). Offset lines (2.5' O/S to C/L of I-Wall) were established for the Carpenter crew to set, plumb, and align the I-Wall Forms.

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed Concrete Tests on Concrete delivered from LAFARGE CONCRETE COMPANY today. (Mix #44)

SLUMPS = 4" and 3 1/2"

AIR CONTENTS = 5.5% and 5.0%

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	80	B & K	Forming & pouring I-Wall Monoliths; Installing Bond Cables; Burning holes in CZ-101 Sheet Piling; Finishing I-Wall Concrete; Curing I-Wall Concrete. (See Page 1)
7	Skilled	70		
1	Supt.	10	"	
1	Q.C.Rep.	10	"	
4	Skilled	16	ARCADIA REBAR	Tying Reinforcing Steel for new I-Wall (See locations on Page 1.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked scaffolds and ladders at I-Wall Forms. Ladders at I-Wall Forms. Ladders were in good condition, and tied off to the scaffold. Handrails, mid-rails, and toeboards were in place on both I-Wall scaffolds. Walkboards were also in good shape, and secured to the Form brackets.

REMARKS

(Instructions received, miscellaneous remarks)

* Left off of Q.C. Report #125: Stabilization Slab was formed & poured on the East Bank from Station 110+95 to Station 110+00. Blockouts were left at Bond Cable locations, to be filled in with Concrete after jumper wires are installed.

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.


Authorized Q C Representative

04/04/95

Date

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

DATE: 04/01/95 (Saturday)

REPORT NO.: 129

SKIES: Clear

RAIN: 0

IN: TEMP: 50 MIN. 69 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE:(2.8)NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to wet soil and high tide in the Canal. The work area is still flooded by Canal water.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	2	B & K	No work due to wet Levee and flooded work area.
2	Skilled	2	"	
1	Supt.	1	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-
JSW Excavator	-	No	0	8	-
Welding Machine	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

None received.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

No inspections performed today.

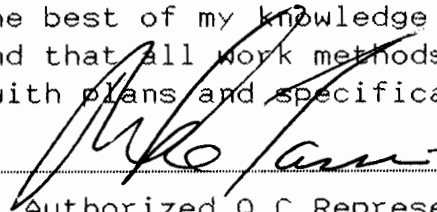
JOB SAFETY
(Note inspection, violations/actions taken)

Checked fence & gates - All closed and locked up. No gaps or breaks were observed in the Safety Fencing.

REMARKS
(Instructions received, miscellaneous remarks)

No work is possible tomorrow either due to wet soil and high water from the Canal.

I certify to the best of my 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.



Authorized Q C Representative

04/03/95

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
92

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

DATE
24 thru 31 March 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
See attached CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	100/ 100/50/0/0%	BORROW EXCAVATION	100/ 100/50/0/0%	EMBANKMENT	100/ 100/50/0/0%	CONCRETE	100/ 100/50/0/0%	STRUCTURE	100/ 100/50/0/0%
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TEMPERATURE
MINIMUM 52° MAXIMUM 85°

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

24 HOUR PRECIPITATION
INCHES 4.15" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-6½ hrs				1-6½ hrs	

Canal RIVER STAGE
FEET 1.70' to 3.60' TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-82½ hrs	11-385½ hrs	11-342 hrs	24-810	0700 M	1800 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. - REINFORCED CONCRETE FLOODWALL
- 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) Set forms and poured concrete for East Monos #137, #139, #142 and #144; Rubbed surfaces of East Monos #141, #144 & #146; Cured East Monos #141, #143, #144, #145, #146, #148 & #150 with wet burlene.
- b) Stuck & drove 75 pcs of CZ-101 X 24'-9" piles between EB/L Sta's 109+34 and 111+89.3.
- c) Set & Tied resteel for East Monos #135, #139, #140 & #142.

Days of no work and reasons for same:

100% of days lost due to adverse weather/high tides on 01,06,07,08,13,14,15,16,17,29,30 & 31 March 1995.
50% of days lost due to adverse weather/high tides on 04,05,09,20,27 & 28 March 1995.

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

See attached CQC Reports for details of work performed during this period.

DATE SET FOR COMPLETION: 03 APRIL 96

PERCENT PROJECT COMPLETE: 14.2%
PERCENT TIME ELAPSED: 38.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

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

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

See the attached PE's QA Supplemental Reports for details of QA Inspections that were performed during this period.

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

See attached PE's QA Supplemental Reports for instructions issued during this period.

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	6½ hrs.	PE

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 on 30 Mar 95. See attached minutes for topics discussed.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE

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

DATE

04 APR 95

SUPERVISOR'S INITIALS

WJ

DATE

4/14/95

DATE: 3-27-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed subcontractor
continues to drive steel sheet piling near Sta. 110+00
east baseline. Some initial hard driving encountered
but not longer than 5 minutes before shafts
driven to final grade. Survey controls used
to check elevation + alignment controlled by
template. Also observed concrete being placed
for mono #142. + witnessed air + slump
tests which were 5.4% + 3.25" respectively.
Checked that struts were being kept clean
after concrete delivery + found that they were.

Instructions to COC/Remarks:

High water in canal forced
contractor to put off placing next monolith
until tomorrow until water is pumped down.

Chunf Wagner
Name

Proj Engr
Title

DATE 3-28-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed concrete placement
for one T-wall monolith. Witnessed air &
slump tests (See attached COC for results)
& making of 3 cylinders. Concrete was placed
using different frame lengths & then well
vibrated. Observed personnel on-site wearing
hard hats & steel toe shoes.

Instructions to COC/Remarks: None given today.

Chunf Hagren Proj Engr
Name Title

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

DATE: 03/31/95

REPORT NO.: 128

SKIES: Cloudy - Rain

RAIN: 0.25" IN: TEMP: 52 MIN. 59 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE:(2.8)NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to wet soil and high tide in the Canal.

Subcontractors - No work performed due to inclement weather conditions.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	9	B & K	Rained out.
7	Skilled	7	"	
1	Supt.	3	"	
1	Q.C. Rep.	2	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-
JSW Excavator	-	No	0	8	-
Welding Machine	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

None received.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

None performed today.

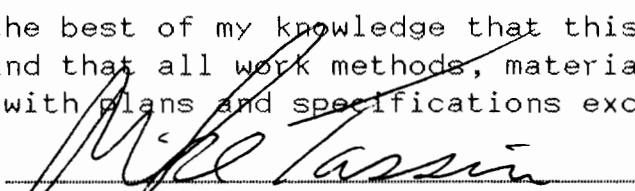
JOB SAFETY
(Note inspection, violations/actions taken)

Checked equipment on the Levee and in the yard. All machinery was parked with booms and attachments lowered to the ground. Brakes were engaged (where applicable) and cabs locked up.

REMARKS
(Instructions received, miscellaneous remarks)

We plan to work tomorrow (Saturday), but the soil may be too saturated on the Levee for any work.

I certify to the best of my 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.


Authorized Q C Representative

03/31/95

Date

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

DATE: 03/30/95

REPORT NO.: 127

SKIES: Cloudy - Rain

RAIN: 0.5"

IN: TEMP: 52 MIN. 59 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE:(3.6)NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for any Floodwall work today. Canal Water had the work area flooded as well. Carpenters worked on I-Wall Forms in the Staging Area (ripping Chamfer materials for the next reach of I-Wall.) Laborers cleaned up trash in the yard.

Survey Crew took elevation shots on the existing MP-112 Sheet Piling on the East Bank from Station 85+50 to Station 99+00. This information will be submitted as part of our Temporary Flood Protection Plan.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	20.5	B & K	No work performed due to inclement weather. Worked on I-Wall Forms in thee Staging Area.
7	Skilled	43	"	
1	Supt.	5	"	
1	Q.C. Rep.	7	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-
JSW Excavator	-	No	0	8	-
Welding Machine	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

None received.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

No inspections performed today.

JOB SAFETY
(Note inspection, violations/actions taken)

Held the weekly Safety Meeting today at 7:00 AM. Minutes of the meeting are attached to this report.

REMARKS
(Instructions received, miscellaneous remarks)

Superintendent Mike Tassig is requesting permission to work Saturday and Sunday (04/01/95 and 04/02/95) if weather conditions are favorable.

I certify to the best of my 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.


Authorized Q C Representative

03/31/95

Date

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 03/30/95

TIME: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL
LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: JERRY JUSTICE

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: PREVENTING FALLS IN THE WORKPLACE

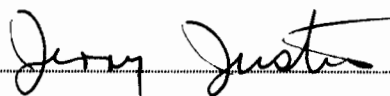
Prevention of falls on the job were discussed today. New ladders need to be kept near the I-Wall Forms, and secured to the scaffold. Chains & locks will be provided to keep ladders from being stolen.

Safety belts must be worn while scraping and cleaning the I-Wall Forms. All Form hardware should be checked and tightened weekly. No loose materials, tools, or hardware should be left on the scaffolds or the Forms themselves.

Watch your step while placing Concrete in I-Wall Forms. Don't take your eye off of the Concrete Bucket - it could easily knock you off of the Forms or scaffolds. Don't climb ladders or Forms without both hands free. Use a rope to raise or lower tools & materials instead.

COMMENTS:

Watch out for poisonous snakes and other dangerous wild animals in the work area.



Q.C. REPRESENTATIVE
B & K CONSTRUCTION

B & K CONSTRUCTION
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL

3-30-95
Safety meeting
ATTENDEES

Jerry Justice

Steve Thom

Mike Concamp

Gregory Jackson

Bruce Jones Jr.

Lanni Cole

Bryan Warden

Joe Leonard

Paul J. Tugger

Willie Dillon

Eric Bailey

Kevin Dufrenoy

Gregory Brown

Raymond Lee

Mike Tasson

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

DATE: 03/29/95

REPORT NO.: 126

SKIES: Cloudy - Rain

RAIN: 3.4" IN: TEMP: 53 MIN. 58 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE:(2.8)NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to heavy rain and wet soil on the Levee. High tide in the Canal had the work area flooded as well. Employees were sent home at 8:00 AM today.

Subcontractors - Too wet for any work on the Levee, with more rain falling.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	9	B & K	No work performed. (Show up time only.)
5	Skilled	5	"	
1	Supt.	3	"	
1	Q.C. Rep.	3	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-
JSW Excavator	-	No	0	8	-
Welding Machine	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

DELTA TESTING - Picked up 3 test cylinders (from 03/28/95) and delivered them to the Government Lab.

MATERIALS RECEIVED

None received today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Silt Fencing on the East Bank between Robert E. Lee Blvd. and Pumping Station #4. The Geotextile Material was pulled up (earlier this week) and tied to the Safety Fence where it had fallen down. No gaps or breaks were found in the Erosion Protection.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked gates at Levee Access Road entrances. All were closed and locked to keep the public out. Checked for mud or debris on the street and bridge at Robert E. Lee Blvd. None was observed.

REMARKS
(Instructions received, miscellaneous remarks)

BARNES ELECTRIC COMPANY came by the job to plan work at the next reach on the East Bank (Pumping Station #4 to Filmore Avenue). Relocation of the FL 340 Feeder Line was discussed.

I certify to the best of my 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.


Authorized Q C Representative

03/30/95

Date

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

DATE: 03/28/95

REPORT NO.: 125

SKIES: Cloudy

RAIN: 0

IN: TEMP: 60 MIN. 65 MAX.

DUST: Minimal LEVEE CONDITION: Damp

CANAL GAUGE:(2.6)NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Dams were constructed at Stations 113+24 and at 110+94 on both the Protected and Flood Side of the I-Wall work area and Flood Waters were pumped out so that production work could resume. Set Protected Side Form for I-Wall Monolith #137 and poured same. Could not control Flood Water in time to pour Monolith #140.

ARCADIA REBAR - Tied (top & bottom) Re-Steel for I-Wall Monoliths #135 and #140 after Flood Water was pumped out.

50% LOST TIME DUE TO FLOODWATER CONTROL AND LIGHT RAIN.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	85	B & K	Pumping water - Forming and pouring Concrete - Structural Excavating.
7	Skilled	73.5	"	
1	Supt.	10.5	"	
2	Skilled	16	ARCADIA REBR	Tying Re-Steel for I-Wall Monolith #135 & #140.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	4	4	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	8	0	-
JSW Excavator	-	No	0	8	-
Welding Machine	-	No	0	8	-

TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - Performed Concrete Tests on Mix #44 delivered by LAFARGE CONCRETE today. SLUMP = 4" AIR CONTENT = 4.79%
Three Cylinders were molded and will be delivered to the Government Lab on Wednesday.

MATERIALS RECEIVED

Received 18 c.y. of Mix #44 from LAFARGE CONCRETE COMPANY today. Mix #44 was placed on I-Wall Monolith #137 on the East Bank at Station 112+09.50. DELTA TESTING - Performed Concrete inspection and testing as required. (See "Tests Performed" for details.)

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Dams were construction to isolate the Flood Control to just the immediate work area. Flood Waters were pumped out so that we could pour I-Wall Monolith #137. Due to the extra work associated with Flood Water control we were not able to pour a second Monolith today.

50% if the work day lost due to light rain and Flood Water control.

I inspected Reinforced Concrete Floodwall work done today. LMN Form #1246 was completed before Concrete was placed in I-Wall Monolith #137.

JOB SAFETY
(Note inspection, violations/actions taken)

Repaired Erosion Control that was damaged. Checked all rigging for defects. Made sure all equipment being used had Fire Extinguishers on board.

Workers were reminded about slick conditions associated with the light rain when climbing on the Forms.

REMARKS
(Instructions received, miscellaneous remarks)

None .

I certify to the best of my 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.


Authorized Q C Representative

03/29/95

Date

FORM CHECK OUT FOR STRUC RES
 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 # 137 LIFT NO. ONE ELEVATION from 2.00 to 14.40 DATE OF POUR 3-28-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-28	11:00			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	"	"			
ANGLE	"	"	"			
HEADS	"	"	"			
C. STAB. SLAB/JOINTS	JmJ	3-28	11:00			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	"	"			
D. STEEL REINFORCING	JmJ	3-28	11:05			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	JmJ	3-28	11:05			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	3-28	11:05			
CLEANLINESS	✓	"	"			
RELEASING AGENT	✓	"	"			
TIES AND BOLTS	✓	"	"			
LENGTH 28.87'	✓	"	"			
WIDTH 1.75' → 1.00'	✓	"	"			
HEIGHT 12.40'	✓	"	"			
WATERSTOPS	✓	"	"			
CHAMFER STRIPS	✓	"	"			
F. WEATHER PROTECTION	JmJ	3-28	11:10			
G. SAFETY (LIST)	JmJ	3-28	11:10			
1. Rigging	✓	"	"			
2. Scaffold & Ladders	✓	"	"			
3. Eye Protection	✓	"	"			
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-28	11:15			
Exp. Material	NONE THIS POUR					

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	12:05	1:45				
Concrete Bucket	1	1 1/2 c.y.	12:05	1:45				
Concrete Vibrator	2	18' x 12'	12:05	1:45				

J. REMARKS SLUMP = 3" + 3 3/4" ; AIR ENTR. = 4.7% + 4.4% ; CONCRETE TEMPS = 74° + 74° ;
 AIR TEMPS = 65° + 66° ; 3 Test Cylinders (LA-19)

FINAL CLEARANCE

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

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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/27/95

REPORT NO.: 124

SKIES: Cloudy

RAIN: Trace IN. TEMP.: 65 MIN 80 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.7) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Attempted to dam off a portion of our work area, and pump out flood waters so that work could continue on I-Wall Forms for East Bank Monoliths #137, and #142. Completed Forms and poured Monolith #142, but could not over come flood waters when the Canal came up to elevation 3.5.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling (24'-9" long) on the East Bank from Station 110+27.25 to Station 109+34 until flood waters were not able to be controlled.

50% of work time lost due to flooding for all areas of work taking place today.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	4	4	No
Komatsu D37P Dozer	-	Yes	2	6	No
Kubota 151 Excavator	-	No	0	8	No
Case 580 Backhoe	-	Yes	4	4	No
Koehring 535 Crane	-	Yes	4	4	No
MKT Vibro Hammer	-	Yes	4	4	No
Kobelco LK 500 Loader	DEP	Yes	0	4	No
Komatsu 200 Excavator 2	-	No	0	8	No
Fiat-Allis MotorGrader	-	No	0	8	No
Mantis 3612 Crane	-	Yes	9.5	0	No
JSW Excavator	-	Yes	4	4	No
Welding Machine	-	No	0	8	No

MATERIALS RECEIVED

Received 18 c.y. of Mix #44 from LAFARGE CONCRETE COMPANY today. Mix #44 was placed in I-Wall Monolith #142 on the East Bank at Station 113+53.83 . DELTA TESTING performed Concrete inspection and testing as required. (See "Tests Performed" for details.)

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

I inspected the Reinforced Concrete Floodwall work done today. LMN Form #1246 was completed before Concrete was placed in I-Wall Monolith #142. The work area around I-Wall Monolith #142 was completely dewatered before Concrete placing began. Work on I-Wall Forms for Monolith #137 was stopped after Temporary Protective measures were overcome when the London Avenue Canal reached elevation 3.5 and flooded the work area.

New CZ-101 Steel Sheet Piling work done today was also inspected. Miscellaneous debris below Excavation elevation is causing hard driving conditions and minor Piling deflection. Piling were found to be plumb and cut off elevation was controlled by a Laser Level. Alignment was controlled by a 40' I-Beam Template. Driving operations were stopped when the Driving Template could no longer be seen because of the Flood Water.

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed Concrete tests on Mix #44 delivered by LAFARGE CONCRETE today. SLUMP = 3.25 AIR CONTENT = 5.4%
Three Cylinders were molded and will be delivered to the Government Lab on Tuesday. DELTA TESTING also performed Vibration monitoring on the East Bank near the Pile Driving operation today. Results are being furnished to the ORLEANS LEVEE BOARD.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	76	B & K	Forming and pouring new Concrete I-Wall. Curing I-Wall Concrete. Finishing I-Wall Monoliths previously poured.
7	Skilled	66.5		
1	Supt.	9.5	"	
1	Q.C.Rep.	9.5	"	
1	Skilled	9.5	GILL'S CRANE	Driving new CZ-101 Sheet Piling on the East Bank.
1	Unskilled	9.5	"	

JOB SAFETY

(Note inspection, violations/actions taken)

Checked to make sure all Temporary Flood Protection was in working condition because of the sudden rise in the Canal elevation to 3.5.

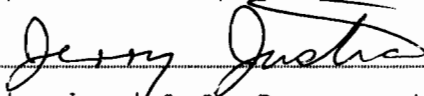
GILL'S CRANE SERVICE - Checked their own rigging and Vibratory Hammer.

REMARKS

(Instructions received, miscellaneous remarks)

Notified the COE Area Office of our intention to pour Concrete for I-Wall Monolith #142 at 10:30 AM.

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.



 Authorized Q C Representative

03/28/95

 Date

FORM CHECK OUT FOR

STRU JRES
 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 # 142

LIFT NO. ONE

ELEVATION from 2.00 to 14.40

DATE OF POUR 3-27-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-27-95	10:05			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	"	"			
ANGLE	"	"	"			
HEADS	"	"	"			
C. STAB. SLAB/JOINTS	JmJ	3-27	10:05			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	"	"			
D. STEEL REINFORCING	JmJ	3-27	10:05			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	JmJ	3-27	10:10			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	3-27-95	10:10					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.84'	✓	"	"					
WIDTH 1.75' to 1.00'	✓	"	"					
HEIGHT 12.40'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	JmJ	3-27	10:15					
G. SAFETY (LIST)	JmJ	3-27	10:15					
1. Safety Glasses	✓	"	"					
2. Rigging	✓	"	"					
3. Scaffold & Ladder	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-27	10:15					
Expansion Material	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	3612	10:30	1:45				
Conc. Bucket	1	1 1/2 c.y.	10:30	1:45				
Conc. Vibrators	2	10 and 12'	10:30	1:45				
J. REMARKS	SLUMP = 3'14" + 4" ; AIR ENTR. = 5.4% + 5.1% ; CONCRETE TEMPS = 82° ;							
	AIR TEMPS = 79° ; 3 Test Cylinders (LA-18)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice 3-27-95				C.O.E. REPRS:				
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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/25/95

REPORT NO.: 123

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 65 MIN 85 MAX

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked I-Wall Forms at East Monolith #144. Clean, oiled, & set these Forms at East Monolith #142. Also set I-Wall Forms at East Monolith #137 (Canal Side only). Formed & poured Stabilization Slab on the East Bank from Station 112+10 to Station 110+95. Welded #6 Rebar on the top of new CZ-101 Sheet Piling from East B/L Station 111+89 to Station 110+27. Burned holes in Sheet Piling to pass #5 Rebar through from Station 111+89 to station 111+20. Cement Finishers patched and rubbed East I-Wall Monolith #144, and finished Stabilization Slab Concrete. Laborers covered I-Wall Monolith #144 with Burlene, and wet down Burlene and Concrete at East Monoliths #144, #150, #148, #146, #145, #143, and #141. (Monolith #139 not wrecked yet.)

ARCADIA REBAR - Tied Reinforcing Steel for I-Wall at East Bank Monoliths #137 (bottom only) and #142 (top Steel only). Finished tying one Re-Steel Wall Curtain on the Windrow for future placement.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	4	4	-
JSW Excavator	-	Yes	0	8	-
Welding Machine	-	Yes	3	5	-

MATERIALS RECEIVED

Received 8 c.y. of Concrete Mix #42 from LAFARGE CONCRETE today. This material was placed in Stabilization Slab on the East Bank at Station 111+50.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Cathodic Protection work done today. The #6 Rebar was tack-welded to each piece of CZ-101 Sheet Piling, except at each Monolith Joint, where Bond Cables linked the Sheets together. No Rebar extended through the Monolith Joints. Splices of #6 Rebar were tacked together, then tack-welded to the top of the Sheet Piling. Holes cut in the CZ-101 Sheet Piling (to pass #5 Rebar through) were spaced 9" apart (maximum), and did not cut into the Interlocks. Holes were not larger than 2" in diameter, and slotted 3" to 4" horizontally, only when they fell in the web of the Sheet Piling.

Inspected Reinforcing Steel tied today. Bar sizes, spacing, clearances, and number of bars placed were inspected. No deficiencies were noted. Bars were tied 100% with 16 gauge black annealed wire. Reinforcing Steel was clean, & free of dirt, rust, and oil.

TESTS PERFORMED
(As required by plans/specifications)

None performed today.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	30	B & K	Wrecking, cleaning & setting I-Wall Forms; Forming & pouring Stabilization Slab; Burning holes for Re-Bar; Welding #6 Rebar to new Sheet Piling; Curing I-Wall Concrete. (See Page 1.)
5	Skilled	30	"	
1	Supt.	6	"	
1	Q.C.Rep.	4.5	"	
4	Skilled	16	ARCADIA REBAR	

JOB SAFETY

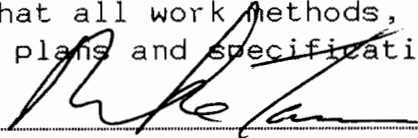
(Note inspection, violations/actions taken)

Checked reverse alarms on the Case 580 Backhoe, and the Komatsu Dozer today. Both machines have a working backup alarm and fully charged Fire Extinguisher on board. Checked workers for Steel Toed Boots. All employees (in the field) were wearing proper Steel Toed Boots.

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.



Authorized Q C Representative

03/27/95

Date

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

DATE: 03/24/95

REPORT NO.: 122

SKIES: Clear - Pt Cloudy RAIN: 0 IN. TEMP.: 64 MIN 85 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.3) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Installed three Bond Cables on the East Bank at Monolith Joints #137-#136, #136-#135, and #135-#134. Formed up, graded, and poured Concrete Stabilization Slab on the East Bank from B/L Station 113+20 to Station 112+10 (approximate). Wrecked Forms at I-Wall Monoliths #146 and #141 (East). Set Forms at East Monoliths #139 and #144, then placed Concrete at East Monoliths #139 and #144 at 12:00 and 2:15 PM. Cement Finishers patched & rubbed East Monoliths #141 and #146. Finished Stabilization Slab and I-Wall Concrete. Operator moved Reinforcing Steel from yard to the Levee. Laborers placed Burlene on East I-Wall Monoliths #141 and #146, then wet down these two Monoliths along with East Monoliths #143, #145, #148, and #150.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling (24'-9" long) on the East Bank from Station 110+70.30 to Station 110+27.25 (24 pieces) shut down work at noon today.

ARCADIA REBAR - Tied bottom Re-Steel for I-Wall at East Monolith #142, and set top Re-Steel at East Monolith #139. Pre-tied 1 1/2 Re-Steel Wall Curtains for future placement.

BAYOU TREE SERVICE - Trimmed tree limbs on the West Bank from Robert E. Lee to Prentiss, and from Prentiss worked towards Filmore Avenue. Only trimmed branches that extended out over the Construction Easement and Safety Fence. Disposed of small limbs & leaves by chipping into a haul truck. Larger branches were cut into 2' - 3' long logs to be hauled off for firewood.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	8	2	-
JSW Excavator	-	Yes	1	7	-
Welding Machine	<i>ARR</i>	No	0	8	-

MATERIALS RECEIVED

Recieved 36 c.y. of Mix #44 and 8 c.y. of Mix #42 from LAFARGE today. Mix #44 was placed in I-Wall Monoliths #139 and #144 on the East Bank. Mix #42 was placed in Stabilization Slab on the East Bank at Station 112+75. DELTA TESTING performed Concrete inspection & testing as required (see "Tests Performed" for details.)

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

I inspected the Reinforced Concrete Floodwall work done today. LMN Form #1246 was completed by the Contractor prior to placing any Concrete in the I-Wall. Top of Wall grade was checked and found to be elevation +14.41. Settlement of the Stabilization Slab continues to be a problem for Carpenters. Portable jacks were used to raise Forms up & shim underneath as needed. Control marks were set on the new Steel Sheet Piling for Carpenters to level off of. Alignment was set, then checked again after placement was completed. Very little movement was observed and the turnbuckles were used to take this slight error out.

New CZ-101 Steel Sheet Piling work done today was also inspected. The Piling were plumbed both ways, and elevation for cut-off was controlled by a Laser Level. Alignment was controlled by a 40' I-Beam driving template. Cut-off elevation was +4.75.

Inspected the Bond Cables cad-welded to the Steel Sheet Piling today. The areas were cleaned & dried before Cables were exothermically welded onto the Sheet Piling. Epoxy caps were placed over exposed copper wire, extending 2" past the uninsulated wire.

TESTS PERFORMED

(As required by plans/specifications)

DELTA TESTING - Performed Concrete tests on Mix #44 delivered by LAFARGE CONCRETE today.

SLUMPS = 4 1/2" and 3 3/4" AIR CONTENTS = 4.9% and 5.0%
Three Cylinders were molded and will be delivered to the Government Lab on Monday.

DELTA TESTING - Also performed vibration monitoring on the East Bank near Pile Driving operations today. Results are being furnished to the ORLEANS LEVEE BOARD.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	83	B & K	Wrecking, forming, & pouring new
7	Skilled	93	"	Concrete I-Wall; Curing I-Wall
1	Supt.	10	"	Concrete; Forming & pouring Stabil-
1	Q.C.Rep.	9.5	"	ization Slab; Installing Bond Cable
				for Cathodic Protection (Page 1.)
2	Skilled	16	ARCADIA REBAR	Tying Reinforcing Steel for new I-
				Wall (See Page 1 for locations.)
1	Skilled	5	GILL'S CRANE	Driving new CZ-101 Sheet Piling on
1	Unskilled	5	"	the East Bank. (See Page 1.)
1	Skilled	5	BAYOU TREE	Trimming Tree limbs on the West
3	Unskilled	15	"	Bank. (See Page 1 for locations.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Rigging on Forms, Re-Steel, and Concrete Bucket today. No unsafe Slings, Shackles, or Rigging was observed. Tag lines were used to control the load from the ground.

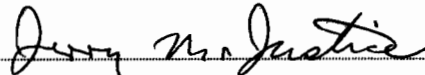
GILL'S CRANE SERVICE - Checked their own Rigging and Vibratory Hammer for parts that might have vibrated loose. No problems were noted. 535 Crane was boomed down & all equipment was secured for the weekend before leaving today.

REMARKS

(Instructions received, miscellaneous remarks)

Notified Chris Wagner of our intentions to place I-Wall Concrete today, as well as the next week (Monday thru Friday) at 10:30 AM, and 10:00 PM. (Weather permitting)

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.


Authorized Q C Representative

03/25/95

Date

FORM CHECK OUT FOR STRUCTURES 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 # 139 LIFT NO. ONE ELEVATION from 2.00 to 14.40 DATE OF POUR 3-24-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	3-24-95	1:45 pm			
VERTICAL		"	"			
ALIGNMENT		"	"			
CLEANLINESS		"	"			
B. CONCRETE PILING	N/A	"	"			
ANGLE	"	"	"			
HEADS	"	"	"			
C. STAB. SLAB/JOINTS	<i>Jmj</i>	3-24-95	1:45 pm			
CLEANLINESS		"	"			
WATERED		"	"			
WATERJET (JOINT)		N/A	"	"		
D. STEEL REINFORCING	<i>Jmj</i>	3-24				
VERTICAL		"	"			
HORIZONTAL		"	"			
SPACING		"	"			
CLEARANCES		"	"			
STEEL SCHEDULE		"	"			
SHOP DRAWINGS		"	"			
TIE WIRES		"	"			
#6 BAR WELDED		"	"			
CLEANLINESS		"	"			
WATERED	"	"				
E. FORMWORK	<i>Jmj</i>	3-24	1:50 pm			
CONDITION		"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	JmJ	3-24-95	1:50 PM						
CLEANLINESS	✓	"	"						
RELEASING AGENT	✓	"	"						
TIES AND BOLTS	✓	"	"						
LENGTH	✓	"	"						
WIDTH	✓	"	"						
HEIGHT	✓	"	"						
WATERSTOPS	✓	"	"						
CHAMFER STRIPS	✓	"	"						
F. WEATHER PROTECTION	JmJ	3-24	1:50 PM						
G. SAFETY (LIST)	JmJ	3-24	1:55 PM						
1. Eye Protection	✓	"	"						
2. Rigging Check	✓	"	"						
3. Scaffold + Ladders	✓	"	"						
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-24	1:55 PM						
Exp. Material	NONE HAS POUR	"	"						
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Thant's Crane	1	3612	1415 hrs	2					
Conc. Bucket	1	1 1/2 cy.	1415 hrs	2					
Conc. Vibrators	2	18' x 12'	1415 hrs	2					
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 81° ; AIR TEMPS = 81° ; 3 Test Cylinders (LA-17) FINAL CLEARANCE								
CONTRACTOR REPRS:					C.O.E. REPRS:				
Jerry M. Justice									
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.									

FORM CHECK OUT FOR

STRUCURES

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 # 144

LIFT NO. ONE

ELEVATION from 2.00 to 14.40

DATE OF POUR 3-24-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-24-95	10:05			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	"	"			
ANGLE		"	"			
HEADS		"	"			
C. STAB. SLAB/JOINTS	Jmj	3-24	10:05			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	"	"			
D. STEEL REINFORCING	Jmj	3-24	10:05			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmj	3-24	10:10			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	3-24-75	10:10					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH	✓	"	"					
WIDTH	✓	"	"					
HEIGHT	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	JmJ	3-24	10:15					
G. SAFETY (LIST)	JmJ	3-24	10:15					
1. Rigging	✓	"	"					
2. Scaffolding + Ladder	✓	"	"					
3. Eye Protection	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-24	10:15					
Exp. Material		"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	3612	12/15 hrs	2				
Concrete Bucket	1	1 1/2 c.y.		2				
Concrete Vibrators	2	18' + 12'		2				
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 4.9% ; CONCRETE TEMPS = 81° ; AIR TEMPS = 82° ; 3 Test Cylinders (LA-17)							
FINAL CLEARANCE								
CONTRACTOR REPRS:				C.O.E. REPRS:				
Jerry M. Justice								
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.								

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

91

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
23 March 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. 70446

WEATHER
Partly Cloudy & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
63°	84°

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			1-9½ hrs	2-11½ hrs	

Canal RIVER STAGE

FEET	TIME
1.40'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-17 hrs	11-101 hrs	7-76 hrs	20-194

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
0700 M	1800 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
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Arcadia Rebar, Inc. - SETTING & TYING RESTEEL

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 East Monos #143 & #148; Set forms and poured East Monos #141 & #146; Rubbed & patched on East Monos #145 & #150; Cured East Monos #143, #145, #148 & #150 with wet burlene as required.
- b) Stuck & drove 66 pcs of CZ-101 X 24'-9" piled between EB/L Sta's 110+70.3 and 111+89.3.
- c) Set & tied resteel for wall stem of East Mono #141, and all resteel for East Mono #144.

Days of no work and reasons for same:

100% of days lost due to adverse weather/high tides on 01,06,07,08,13,14,15,16 & 17 Mar 95.
50% of days lost due to adverse weather/high tides on 04, 05, 09 & 20 Mar 95.

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. See attached CQC Report for details.

PERCENT PROJECT COMPLETE: 13.2%

PERCENT TIME ELAPSED: 36.7%

DATE SET FOR COMPLETION: 03 APRIL 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

RESTEEL STEEL 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 QOC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection, on East Monos #141 & #146 prior to placing concrete (see attached LMN Form 1246's). Witnessed placement & vibration of concrete into the above mentioned I-Wall monoliths. Concrete receiving adequate vibrations. Witnessed Delta Testing Rep. performing required concrete test & molding 3 test cylinders (see back of attached LMN Form 1246's for test results). Checked and found East Monos #143, #145, #148 & #150 being properly cured with wetted burlene. Observed finishers con't to rub surfaces of East Monos #145 & #150 this date.

RESTEEL INSTALLATION: Checked and found all required resteel for East Monos #141 & #146, properly installed in accordance with approved shop drawings. All resteel was properly spaced and tied at 100%.

STEEL SHEET PILES: Observed Subcontr. sticking & driving approx. 66 pcs of CZ-101 X 24'-9" sheet piles, between EB/L Sta's 110+70.30 and 111+89.30. All piles were driven plumb and on proper alignment, down to an approx. top elev. of +4.75 as required ($\pm 1\frac{1}{2}$ "). Checked pile plumbness with a 4' level, and alignment with contractor's instrument.

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)



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	8 $\frac{1}{2}$ 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 at 0730 hrs. this date. See attached minutes for topics discussed.

Noted all personnel in vicinity of pile driving operations were wearing hearing protection, hard hats and steel-toed boots.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 03 APR 95	SUPERVISOR'S INITIALS 	DATE 4/10/95
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FORM CHECK OUT FOR

 STRUTS REINFORCED 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 # 146

LIFT NO.

ONE

ELEVATION

from 2.00 to 14.40

DATE OF POUR

3-23-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-23-95	10:00	ZJB	3-23-95	1400
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmJ	3-23-95	10:00	ZJB	3-23-95	1400
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	3-23-95	10:00	ZJB	3-23-95	1400
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	3-23-95	10:05	ZJB	3-23-95	1400
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	3-23-95	10:05	<i>ZJB</i>	3-23-95	1400		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH	✓	"	"	✓	✓	✓		
WIDTH	✓	"	"	✓	✓	✓		
HEIGHT	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	3-23-95	10:10	<i>ZJB</i>	3-23-95	1405		
G. SAFETY (LIST)	<i>Jmj</i>	3-23-95	10:10	<i>ZJB</i>	3-23-95	1405		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Check Rigging	✓	"	"	✓	✓	✓		
3. Scaffold & Ladder	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	3-23-95	10:15	<i>ZJB</i>	3-23-95	1405		
Expansion Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	1415	1:45				
Concrete Bucket	1	1 1/2 c.y.	"	1:45				
Concrete Vibrators	2	18' & 12'	"	1:45				
J. REMARKS	SLUMP = 3 1/4 ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 83° ;							
	AIR TEMPS = 81° ; 3 Test Cylinders (LA-16)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jerry M Justice</i>				C.O.E. REPRS: <i>ZJB</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.								

FORM CHECK OUT FOR

 STRUCTURES
 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 # 141

 LIFT NO.
 ONE

 ELEVATION
 from 2.00 to 14.40

 DATE OF POUR
 3-23-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-23-95	10:15	ZJB	3-23-95	1030
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmJ	3-23-95	10:15	ZJB	3-23-95	1030
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	3-23-95	10:15	ZJB	3-23-95	1035
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	3-23-95	10:20	ZJB	3-23-95	1035
CONDITION	✓	✓	✓	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JMD	3-23-95	10:20	ZAB	3-23-95	1035
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.88'	✓	"	"	✓	✓	✓
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓
HEIGHT 12.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JMD	3-23	10:25	ZAB	3-23-95	1040
G. SAFETY (LIST)	JMD	3-23	10:25	ZAB	3-23-95	1040
1. Rigging Check	✓	"	"	✓	✓	✓
2. Scaffold + Ladder	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JMD	3-23-95	10:25	ZAB	—	—
Exp. Material	NONE THIS POUR					

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	1115	2				
Conc. Bucket	1	1 1/2 C.V.	"	2				
Conc. Vibrator	2	18' x 12'	"	2				

J. REMARKS SLUMP = 3 3/4" ; AIR ENTR. = 5.1% ; CONCRETE TEMPS = 80° ;
 AIR TEMPS = 81° ; 3 Test Cylinders (LA-16)
 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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/23/95

REPORT NO.: 121

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 63 MIN 84 MAX

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked East I-Wall Monoliths #143 and #148 today. Cleaned, oiled, and set these same Forms at East Monoliths #141 and #146. Placed Concrete at East Monoliths #141 and #146 today. Cement Finishers patched & rubbed East I-Wall Monoliths #145 and #150. Laborers covered East I-Wall Monoliths #143 and #148 with Burlene Blankets, and wet down these Blankets throughout the day. Also kept East Monoliths #150 and #145 wet today to accomplish wet curing of new Concrete. Assisted GILL'S CRANE SERVICE in driving of new CZ-101 Steel Sheet Piling.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from B/L Station 111+89.30 to Station 110+70.30 (66 pieces, 24'-9" long each). Sheet Pile cut off elevation was +4.75; C/L of the new I-Wall = C/L of new CZ-101 Sheet's alignment.

ARCADIA REBAR - Tied Reinforcing Steel for new I-Wall on the East Bank at Monolith #144 (top and bottom), and Monolith #141 (top only). Also pre-tied two more Re-Steel Wall Curtains on the Windrow for future use.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	4	4	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	8	0	-
JSW Excavator	-	Yes	3	5	-

MATERIALS RECEIVED

Received 36 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed in I-Wall (East Monolith #141 and #146). See "Tests Performed" for details.

No other materials received today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Laborers repaired Silt Fencing on the East Bank between Station 119+00 and 112+00. The Silt Fence had fallen, and had to be cleaned off and re-tied up to the Safety Fence again.

Inspected the new CZ-101 Sheet Pile work completed today. Cut off elevation was +4.75, controlled by use of a Laser Level. Alignment was controlled by use of a 40' I-Beam Template, marked off in increments of 3.61' at the C/L of Interlocks. Plumbness was checked both ways, and kept within 1/8" per foot. Very difficult driving was encountered in some areas (due to underground obstructions). Alignment could not be kept as accurately as we would like at locations where obstructions were encountered. The worst Piling alignment found was 0.2 to the West. Attempts to pull this pair of Sheets over to the East were unsuccessful so far. Only three of the 33 pairs driven today had any alignment error (0.25', 0.21', and 0.20' too far West). If this problem continues to occur, we may have to use a double template to stop movement of Sheets away from the driving template when obstructions are encountered. No problems noted with the Interlocks - all were fully engaged.

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed Concrete tests, as required by the Contract Specifications, on Mix #44 delivered by LAFARGE CONCRETE COMPANY today.
SLUMPS = 3 1/4" and 3 3/4" AIR CONTENTS = 5.1% and 5.5%

DELTA TESTING also performed vibration monitoring on the East Bank in the back yards of residences along Warrington Drive today. Results are being furnished to the ORLEANS LEVEE BOARD.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	68	B & K	Forming, pouring, wrecking, curing and finishing new Concrete I-Wall. (See locations on Page 1.)
8	Skilled	77	"	
1	Supt.	9	"	
1	Q.C.Rep.	8	"	
2	Skilled	16	ARCADIA REBAR	Tying Reinforcing Steel for new I-Wall Monoliths. (See Page 1.)
1	Skilled	8	GILL'S CRANE	Driving new CZ-101 Steel Sheets.
1	Unskilled	8	"	(See locations on Page 1.)

JOB SAFETY

(Note inspection, violations/actions taken)

Held the Weekly Safety Meeting today at 7:00 AM. Minutes are attached to this report.

Ordered new Walkboards for Cement Finishers scaffolding today.

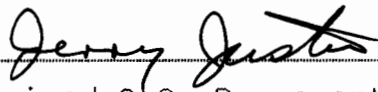
Checked rigging on the V-5 Hammer prior to driving Sheet Piles, and again at lunch, to make sure no shackles were vibrating loose. (Tie-wire was used to secure the screw pin anchor shackles.)

REMARKS

(Instructions received, miscellaneous remarks)

A complaint was registered today from the resident at 6007 Warrington Drive (Mr. Bill Hamilton) about Pile Driving operations vibrating his home. DELTA TESTING stated that they did not register any harmful amounts of vibration today (or any other day).

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.



03/24/95

Authorized Q C Representative

Date

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 03/23/95

TIME: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL
LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: JERRY JUSTICE

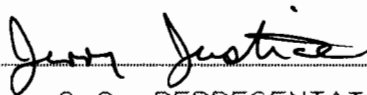
PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: EMPLOYEE'S RESPONSIBILITIES

Employees were informed that they each have personal responsibilities to safety in their work area. This includes: general housekeeping, reporting of any defective tools, cords, hoses, ladders, scaffolds, etc.; reporting of any unsafe acts, unsafe workers, near miss accidents, etc.. Furthermore, the skilled workers such as operators and carpenters have greater responsibilities. Carpenters are responsible for checking lifting brackets, scaffold brackets, walkboards, handrails and all formwork hardware that could vibrate loose. Operators must check their equipment each day, including cables, slings, shackles, and other rigging used. Any problems noted on machinery must be reported immediately, and repaired before further use (if a safety hazard exists). This meeting today is your notice that the Superintendent and Q.C. Representative are not solely responsible for safety. Each employee has an obligation to himself and his crew to correct safety hazards or to report problems that he can not correct by himself.

COMMENTS:

Keep the scaffold & form panels free of loose materials, hardware, tools, or debris. Tie-bolts should be secured with tie-wire or other methods to prevent them from falling while being moved. Tag lines must be tied to forms and all other suspended loads to control the lift.



Q.C. REPRESENTATIVE
B & K CONSTRUCTION

B & K CONSTRUCTION
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL

3-23-95

Safety Meeting

ATTENDEES

Jerry Justice
Joseph Leonard
Larry J. Lee
Mike Leonard
Bryan Verdun
Bruce Jones Jr.
Kevin Coats
Edward Thomas
Alfred Branton
Cynthia Leonard
Dale Thompson
Steve Jones
Gregory Jackson
Wally Dyer
Mike Jansen

Kevin DeFouchard
Cindy Evans

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

90

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

DATE Wednesday
22 March 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 100%	BORROW EXCAVATION 100%	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 62°	MAXIMUM 83°
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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 1.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16½ hrs	SKILLED 11-91 hrs	LABORERS 6-52½ hrs	TOTAL 19-160	FROM 0700 M	TO 1600 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; SHEET PILE DELIVERY
- b. Arcadia Rebar, Inc. - SETTING & TYING RESTEEL
- c. Gill's Crane Service, Inc. - STEEL SHEET PILES

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 East Mono #145; Set forms, bulkheads, waterstops and chamfer strips for East Mono #141; Poured concrete for East Monos #143 and #148; Curing East Monos #143, #145 and #148; Rec'd and unloaded sheet piles in South Staging Area.
- b) Set & tied bottom resteel for East Mono #139, and wall stem resteel for East Mono #141.
- c) Con't setting-up from driving steel sheet piles for I-wall on east levee.

Days of no work and reasons for same:

100% of days lost due to adverse weather/high tides on 01,06,07,08,13,14,15,16,& 17 Mar 95,
50% of days lost due to adverse weather/high tides on 04, 05, 09 & 20 Mar 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.

DATE SET FOR COMPLETION: 03 APRIL 96

PERCENT PROJECT COMPLETE: 12.5%
PERCENT TIME ELAPSED: 36.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: 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: Performed Pre-Placement Inspections on East Monos #143 and #148 this date (see attached LMN Forms 1246). Observed placement and vibrations of concrete into forms this date. Concrete receiving adequate vibrations this date. Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (see back of attached LMN Forms 1246 for test results). Checked alignment of forms for East Monos #143 and #148 this date, and found them to be in accordance with plans. Checked and found East Mono #145 to be covered with a wet burlene blanket and the tops of East Monos #143 & #148 to be covered with wet burlene strips. Checked and found contractor poured a 4" stabilization slab between EB/L Sta's 113+20 and 113+50, with a top elev. of +2.00'

STEEL SHEET PILES: Checked heat numbers on sheet piles received this date, and found them to match those on the Mill Certificates from Casteel. Noted that Gill was continuing to set up for resuming the driving of sheet piles on Thu., 23 Mar 95.

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

RESTEEL INSTALLATION: Checked installation of resteel for bottom of East Mono #139 and for wall stem of East Mono #141, and found to be in accordance with approved shop drawings.

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 back-up alarm working properly on the Case 580C Loader/backhoe this date. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 23 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/27/95
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FORM CHECK OUT FOR STRUCTURES 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 #148 LIFT NO. ONE ELEVATION from 2.00' to 14.40' DATE OF POUR 03/22/95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	3-21-95	12:45	ZLB	3-21-95	1300
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	Jmg	3-21-95	12:45	ZLB	3-21-95	1300
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	3-21-95	12:45	ZLB	3-21-95	1305
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	3-21-95	12:50	ZLB	3-21-95	1310
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	3-21-95	12:50	ZAB	3-21-95	13:10
CLEANLINESS	✓	✓	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH	✓	"	"	✓	✓	✓
WIDTH	✓	"	"	✓	✓	✓
HEIGHT	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JmJ	3-21-95	12:50	ZAB	3-21-95	13:15
G. SAFETY (LIST)	JmJ	3-21-95	12:50	ZAB	3-21-95	13:15
1. Scaffolds & Ladders	✓	"	"	✓	✓	✓
2. Rubber Gloves	✓	"	"	✓	✓	✓
3. Safety Glasses	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-21-95	12:55	ZAB	3-21-95	13:15
EXPANSION MATERIAL	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Manitex Crane	1	# 3612	1030	1 1/2				
Concrete Bucket	1	1 1/2 C.Y.	1030	1 1/2				
Conc. Vibrator	2	18' x 12'	1030	1 1/2				

J. REMARKS
 SLUMP = 3 1/2" ; AIR ENTR. = 4.8% ; CONCRETE TEMPS = 77° ;
 AIR TEMPS = 75° ; 3 Test Cylinders (LA-15)
 FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry Justice* C.O.E. REPRS: *Zane 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.

FORM CHECK OUT FOR

STRUCTURES
 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 # 143

LIFT NO.: ONE

ELEVATION from 2.00' to 14.40'

DATE OF POUR 03/22/95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-22-95	10:50	ZAB	3-22-95	1100
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmJ	3-22-95	10:50	ZAB	3-22-95	1100
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	3-22-95	10:50	ZAB	✓	✓
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	3-22-95	10:55	ZAB	3-22-95	1105
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	3-22-95	10:55	ZOB	3-22-95	11:05
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.88'	✓	"	"	✓	✓	✓
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓
HEIGHT 12.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JmJ	3-22-95	11:00	ZOB	3-22-95	11:10
G. SAFETY (LIST)	JmJ	3-22-95	11:00	ZOB	3-22-95	11:10
1. Scaffolds & Ladder	✓	"	"	✓	✓	✓
2. Safety Glasses	✓	"	"	✓	✓	✓
3. Rubber Gloves	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-22-95	11:00			
Exp. Material	None This Pour					

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1320	1 1/2				
Conc. Bucket	1	1 1/2 c.y.	1320	1 1/2				
Conc. Vibrators	2	18" x 12"	1320	1 1/2				

J. REMARKS
 SLUMP = 3 1/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 80° ;
 AIR TEMPS = 80° ; 3 Test Cylinders (LA-15)
 FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zane D. 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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/22/95

REPORT NO.: 120

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 62 MIN 83 MAX

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked Forms at East I-Wall Monolith #145; cleaned, oiled, and then set same Forms at East Monolith #141. Placed Concrete at East Monolith's #143 and #148 today. Formed up, graded out soil, and poured Concrete at Stabilization Slab on East Bank from Station 113+70 to Station 113+20. Covered East Monolith #145 with wet Burlene Blanket; Laborers wet down curing I-Walls and Burlene at East Monolith's #150 and #148, and #145 throughout the day today. Operator unloaded the last of the CZ-101 Sheet Piles on the barge from CASTEEL/SKYLINE STEEL See "Materials Received" for details.

ARCADIA REBAR - Tied Re-Steel Wall Curtain in place at East Monolith #141 today. Also tied Steel at East Monolith #139. Pre-tied one more Wall Curtain on the Windrow for future placement.

GILL'S CRANE SERVICE - Worked on Koehring Crane and Vibratory Hammer preparing to drive Sheet Piling tomorrow. Moved the JSW Excavator into position behind the Crane and began moving Steel Sheet Pilings into position.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	1	7	-
Fiat-Allis MotorGrader	-	Yes	1	7	-
Mantis 3612 Crane	-	Yes	8	0	-
JSW Excavator	ARR	Yes	2	6	-

MATERIALS RECEIVED

Received 14 pieces of new CZ-101 Sheets 26'-3" long; 16 pieces of new CZ-101 Sheets 25'-9" long; and 10 pieces of new CZ-101 Corner pieces for tie-in to existing Sheets. These materials were stacked the the Staging Area at Prentiss Avenue on the West Bank.

Received 4 c.y. of Concrete (Mix #42) from LAFARGE for Stabilization Slab on the East Bank at Station 113+50 (approximate). Also received 36 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at East Monoliths #143 and #148.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Stabilization Slab work done today. Thickness of the Slab was 4" to 6"; width of the Slab was approximately 2'-4" from C/L towards the Land Side, and 2'-8" from C/L towards the Canal Side. Top of the Slab was controlled by a Surveyor's Laser Level at elevation +2.00. The area was pumped dry before placing any Concrete.

Inspected curing of I-Wall Monoliths on the East Bank. Burlene covered all surfaces of the Walls being cured (East Monoliths #145, #148, and #150). Wooden brackets were used to hold the Blankets securely in place. Laborers wet down the Blankets and Walls continuously, so that the Burlene never had time to become dry.

Also Inspected the I-Wall Formwork, Re-Steel, Waterstops, etc. See LMN Form #1246 for details of these inspections.

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed Concrete Testing on Mix #44 delivered by LAFARGE CONCRETE COMPANY today.

SLUMPS = 3 1/4" and 3 1/2"
AIR CONTENTS = 4.8% and 5.0%

These Cylinders were molded from the first truck today, and will be delivered to the Corps of Engineers tomorrow.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	44.5	B & K	Wrecking I-Wall Forms; Setting I-
8	Skilled	76	"	Wall Forms; Placing I-Wall Con-
1	Supt.	8.5	"	crete; Curing I-Wall Concrete;
1	Q.C.Rep.	8	"	Unloading new CZ-101 Sheet Piling;
				Placing Concrete at Stabilization
				Slab. (See locations on Page 1.)
2	Skilled	7	ARCADIA REBAR	Tying I-Wall Reinforcing Steel.
				(See locations on Page 1.)
1	Skilled	8	GILL'S CRANE	Setting up to drive CZ-101 Sheets.
1	Unskilled	8	"	(See Page 1 for locations.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked scaffolds & ladders at I-Wall Forms. No deficiencies were noted.

Checked the rigging on the V-5 Vibratory Hammer today. No excessive wear or defective rigging.

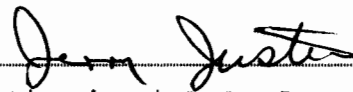
Checked Fire Extinguishers on the 535 Crane, the Komatsu 200, and the JSW Excavator. Fully charged Extinguishers were on board each of these machines.

REMARKS

(Instructions received, miscellaneous remarks)

A meeting with the ORLEANS LEVEE BOARD was held today to discuss moving the new I-Wall location over (on the West Bank between Mirabeau and Prentiss Avenue) toward the Canal Side approximately 4'.

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.



Authorized Q C Representative

03/23/95

Date

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

89

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

DATE Tuesday
21 March 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

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

TEMPERATURE

MINIMUM	MAXIMUM
60°	80°

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	FEET	TIME
1-1 hr.			1-8 hrs	2-9 hrs		1.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-18½ hrs	10-90 hrs	8-74½ hrs	20-183	0700 M	1800M	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; STRUCTURAL EXCAVATION
- b. Arcadia Rebar., Inc. - SETTING & TYING RESTEEL
- c. Gill's Crane Service, Inc. - STEEL SHEET PILES

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 East Monos #143 & #148; Poured concrete for East Mono #145; Resumed structural excavation for I-Wall; Wrecked forms from East Mono #150 and covered with wet burlene for curing; Unloaded sheet piles on L/S slope of east & west levees.
- b) Set & tied resteel for bottom sections of East Monos #141 & #146, and top resteel for #148.
- c) Began setting up Koehring 535 for driving sheet piles.

Days of no work and reasons for same:

100% of days lost due to adverse weather/high tides on 01,06,07,08,13,14,15,16 & 17 Mar 95.
50% of days lost due to adverse weather/high tides on 04, 05, 09 & 20 Mar 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: 03 APRIL 96

PERCENT PROJECT COMPLETE: 12.3%

PERCENT TIME ELAPSED: 36.4%

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.

SETTING & TYING RESTEEL: No instructions issued.

STEEL 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 QC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on East Mono #145 this date (see attached LMN Form 1246), and found OK. Checked alignment of forms for East Monos #143, #145 and #148, and found them to be in accordance with approved drawings. Checked top elev. of chamfer strips set for tops of I-Walls at above mention Monos, and found them to be set at elev. 14.40' (L/S) and 14.38' (F/S). Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (see attached LMN Form 1246 for test results). Observed the removal of forms from East Mono #150 this date, and found no broken fractured fins or honeycombs, but surfaces did have pin holes (air bubbles). Observed finishers patching tie-rod holes with dry-pack mortar on East Mono #150 this date.

STRUCTURAL EXCAVATION: Observed B&K using a Komatsu 200 Excavator to excavate for the new I-walls, between approx. EB/L Sta's 109+00 and 111+60, down to approx. bottom elev. +1.55', and approx. 3' to 3½' on each side of W/L. Excavated material was stockpiled on F/S of the excavations. Contractor continuing to excavate large amounts of concrete debris and rocks.

STEEL SHEET PILE DELIVERY: Checked heat numbers on all piles delivered this date, and found them to match those numbers on Casteel's Mill Certificates. Contractor received 48 pcs of

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

CZ-101 X 20'-3" piles, 96 pcs of CZ-101 X 21'-9" piles, and 50 pcs of CZ-101 X 25'-9" piles. All piles were stored on the L/S slopes of the east levee and at the South Staging Area.

REINFORCING STEEL INSTALLATION: Observed rodbusters setting and tying all required resteel for the bottom sections of East Monos #141 & #146, and the wall stem section of East Mono #148. All steel was tied at 100% and in accordance with approved shop drawings.

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

NOTE: No Verbal Instructions were issued to Contractor this date.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Contractor was scheduled to place concrete for East Mono #148 at approx. 1300 hrs. this date. However, due a malfunction a LaFarge's Concrete Plant they were unable to deliver the concrete as requested (by 1400 hrs.). Therefore Contractor elected to put off this pour until 1030 hrs. on Wed., 22 Mar 95.

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	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 all heavy equipment being used this date, to have properly filled/charged fire extinguishers.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

23 MAR 95

SUPERVISOR'S INITIALS

YJW *W*

DATE

3/22/95

FORM CHECK OUT FOR

STRUCTURES
 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 # 145

LIFT NO. ONE

ELEVATION from 2.00' to 14.40

DATE OF POUR 03/21/95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-21-95	10:20	ZAB	3-21-95	1030
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmJ	3-21-95	10:20	ZAB	3-21-95	1030
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	3-21-95	10:26	ZAB	3-21-95	1035
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	3-21-95	10:25	ZAB	3-21-95	1040
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	JmD	3-21-95	10:25	ZLB	3-21-95	1040			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.87'	✓	"	"	✓	✓	✓			
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓			
HEIGHT 12.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	JmD	3-21-95	10:25	ZLB	3-21-95	1045			
G. SAFETY (LIST)	JmD	3-21-95	10:25	ZLB	3-21-95	1045			
1. Scaffolds & ladders	✓	"	"	✓	✓	✓			
2. Rubber Gloves	✓	"	"	✓	✓	✓			
3. Safety Glasses	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	JmD	3-21-95	10:25						
Exp. Material	NONE THIS POUR								
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Mantis Crane	1	#3612	1100	1 1/2					
Concrete Bucket	1	1 1/2 C.Y.	"	1 1/2					
Conc. Vibrator	2	18' x 12'	"	1 1/2					
J. REMARKS	SLUMP = 2 1/2" ± ; AIR ENTR. = 4.4% ± ; CONCRETE TEMPS = 84° ± ; AIR TEMPS = 76° ± ; 3 Test Cylinders (LA-14) *NOTE: second I-wall pour cancelled due to "Lafarge" problem. FINAL CLEARANCE								
CONTRACTOR REPRS:	Jerry 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.									

DATE 3-21-98

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel completing concrete placement for mono # 145. Concrete being wall vibrated + surveyor continuing to wall alignment when placing concrete. Observed carpenters setting wall forms for mono's 143 + 148. + rod busters trying rebar for other mono's. Also observed personnel performing structural excavation near Sta. 110+00. All personnel seen wearing hard hats + steel toe shoes.

Instructions to COC/Remarks:

None 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: 03/21/95

REPORT NO.: 119

SKIES: Pt. Cloudy

RAIN: 0

IN: TEMP: 60 MIN. 80 MAX.

DUST: Minimal LEVEE CONDITION: Dry

CANAL GAUGE:(1.5)NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters completed forming East I-Wall Monoliths #143 and #148 today. Placed Concrete at East I-Wall Monolith #145 at 11:00 AM today. LAFARGE CONCRETE had a plant shut-down that prohibited us from pouring Concrete in a second I-Wall Monolith today. Operator cleaned leaves and trash out of the previously excavated area, and continued Structural Excavation from East B/L Station 111+60 to Station 109+00. Wrecked East Monolith #150; cleaned, oiled, and re-set these Forms (at Monolith #148). Unloaded CZ-101 Sheet Piling on the East & West Banks today - See "Materials Received" for details.

ARCADIA REBAR - Tied Re-inforcing Steel at East I-Wall Monolith #146 and #141 (bottom Steel only). Tied Steel for East Monolith #148 in place (Wall Steel). Also pre-tied Re-Steel Wall Curtains on the Windrow to be placed later.

GILL'S CRANE SERVICE - Moved the Koehring Crane and Crane mats back to Station 112+00 to begin driving new CZ-101 Sheet Piling again tomorrow, along with the V-5 Vibratory Hammer.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	65	B & K	Setting I-Wall Forms; Placing I-Wall Concrete; Finishing I-Wall Concrete; Curing I-Wall Concrete; Structural Excavation; Unloading CZ-101 Sheets. See locations ↑.
7	Skilled	66.5	"	
1	Supt.	9	"	
1	Q.C. Rep.	9.5	"	
2	Skilled	14	ARCADIA REBR	Tying Reinforcing Steel for I-Wall See locations above.
1	Skilled	9.5	GILL'S CRANE	Setting up to resume driving new CZ-101 Sheet Piling.
1	Unskilled	9.5	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	5	3	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	6	2	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	8	0	-
JSW Excavator	ARR	No	0	8	-

TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - Performed Concrete Testing on Mix #44 delivered from LAFARGE CONCRETE today. SLUMP = 2 1/2"; AIR CONTENT = 4.4%; Three Test Cylinders were molded. A second set of tests was planned - but LAFARGE'S Batch Plant shut down, and Concrete for the next pour was never received today.

MATERIALS RECEIVED

Received 18 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at East I-Wall Monolith #145. See "Tests Performed" for results of testing.

Received 96 pieces of new CZ-101 Sheet Piling at 21'-9" long, 48 pieces at 20'-3" long, and 50 pieces of CZ-101 at 25'-9" long today from CASTEEL/SKYLINE STEEL COMPANY. Unloaded these materials on the East Bank. (Mirabeau to Filmore) and on the West Bank at the Prentiss Avenue Staging Area.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work done today. Elevations were checked, as well as alignment and plumbness, prior to placement. Forms need to be cleaned better next time - a small amount of residual Concrete was noted on the Canal Side Panel. Re-inforcing Steel was checked, and clearances were found to be correct at all Form Panels. LMN Form #1246 was completed as required.

Inspected the Structural Excavation work done today. A Laser Level was used to control the depth of the Excavation (elev. +1.58 was used as the bottom of the Excavation). C/L stakes were used to keep proper alignment on the Excavation. Material Excavated was placed in a Windrow along the Canal Side of the work area.


JOB SAFETY
(Note inspection, violations/actions taken)

Checked the V-5 Vibratory Hammer for signs of excessive wear or loose parts. The jaws of the Hammer were noticeably loose, with one bolt missing. MISSISSIPPI RIVER EQUIPMENT COMPANY was called out to service and repair this Hammer before Pile Driving work resumes.

REMARKS
(Instructions received, miscellaneous remarks)

LAFARGE CONCRETE COMPANY experienced a problem with their Central Batch Plant today. They could not furnish the Concrete needed for East I-Wall Monolith #148 by 2:00 PM this afternoon, so the pour was cancelled until tomorrow.

I certify to the best of my 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.


Authorized Q C Representative

03/22/95

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

88

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun. & Mon.
18, 19 & 20 March 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	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50%	50%	50%	50%	50%

MINIMUM	MAXIMUM
60°	80°

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
1-2 hrs			1-8 hrs	2-10 hrs	

FEET	TIME
2.40' to 1.90'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-19 hrs	9-78½ hrs	7-70 hrs	18-167½	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. - REINFORCED CONCRETE FLOODWALL; SHEET PILE DELIVERY
- b. Arcadia Rebar, Inc. - TYING RESTEEL FOR I-WALL MONOLITHS
- 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) Unloaded steel sheet piles on Sat. & Mon., 18 & 20 Mar 95; Installing forms for East Monos #143, #145 and #150; Placed concrete for East Mono #150; Finishers rubbing surfaces of East Monos #149 & #152.
- b) Set & tied resteel for bottom section of East Mono #148 and set & tied resteel for wall stem sections of East Monos #143 & #145.

Days of no work and reasons for same:

100% of days lost due to adverse weather/high tides on 01,06,07,08,13,14,15,16 & 17 March 95.
50% of days lost due to adverse weather/high tides on 04, 05, 09 & 20 March 95.

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

B&K only unloaded steel sheet piles on Sat., 18 Mar 95. On Mon., 20 Mar 95, B&K and Arcadia performed progressive work. See attached CQC Reports for details.

DATE SET FOR COMPLETION: 03 APRIL 96 PERCENT PROJECT COMPLETE: 12.2%
PERCENT TIME ELAPSED: 36.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended on Sat., 18 March 1995.

The following CQC Inspection Phases were attended on Mon., 20 Mar 95:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- SETTING AND TYING RESTEEL: 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 on Mon., 20 Mar 95:

REINFORCED CONCRETE FLOODWALL: Checked and found alignment of forms for East Mono #150 to be in accordance with plans. Observed placement and vibrations of concrete placed into forms for East Mono #150 this date, and found concrete receiving adequate vibrations. Checked and found that Delta Testing Rep. had performed required concrete test and molded 3 test cylinders as required (see attached LMN Form 1246 for test results). Checked and found top chamfer strips for East Mono #145 & #150 to be at elev. +14.40' (L/S) and +14.38' (F/S) as required.

SETTING & TYING RESTEEL: Checked and found that subcontractor had installed all required resteel for the bottom section of East Mono #148 and the wall stem resteel for East Monos #143 & #145. All resteel installed and spaced in accordance with approved shop drawings and were also tied at 100%.

STEEL SHEET PILE DELIVERY: Observed B&K unloading sheet piles on L/S of East levee north of Mirabeau on Mon., 20 Mar 95. Checked and found all lengths and heat numbers to match those supplied by Casteel's Mill Certificates.

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: Contractor lost approx. 50% of this day's production due to clean-up of debris and water that was left in the structural excavations, due to extremely high tides during the previous week.

Contractor's Quality Control Report (submitted/~~NOT SUBMITTED~~) for this (~~DATE~~) period).



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

<u>GOVERNMENT PERSONNEL ON SITE</u>			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	2 hrs. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	3 hrs. (Mon)	QAR

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

Noted that ladder to scaffold on concrete I-Wall Form was not secured as required. Informed CQC Rep. and he immediately had crew secure this ladder.

No other safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 22 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/24/95
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FORM CHECK OUT FOR STRUCTURES 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 # 150 LIFT NO. ONE ELEVATION from 2.00 to 14.40 DATE OF POUR 3-20-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	3-20-95	10:00 AM			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	"	"			
ANGLE	"	"	"			
HEADS	"	"	"			
C. STAB. SLAB/JOINTS	JmJ	3-20-95	10:00			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	"	"			
D. STEEL REINFORCING	JmJ	3-20-95	10:00			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	JmJ	3-20-95	10:00			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	3-20-95	10:05			
CLEANLINESS	✓	"	"			
RELEASING AGENT	✓	"	"			
TIES AND BOLTS	✓	"	"			
LENGTH 28.84'	✓	"	"			
WIDTH 1.75 to 1.00'	✓	"	"			
HEIGHT 12.40'	✓	"	"			
WATERSTOPS	✓	"	"			
CHAMFER STRIPS	✓	"	"			
F. WEATHER PROTECTION	JmJ	3-20-95	10:05			
G. SAFETY (LIST)	JmJ	3-20-95	10:05			
1. Eye Protection	✓	"	"			
2. Rigging Check	✓	"	"			
3. Scaffolds + Ladders	✓	"	"			
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-20-95	10:05			
Expansion Material	✓	"	"			

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#36/2	11:00 AM	2				
Concrete Bucket	1	1 1/2 C.Y.	11:00 AM	2				
Concrete Vibrator	2	18' + 12'	11:00 AM	2				

J. REMARKS SLUMP = 2" + 4" ; AIR ENTR. = 4.5% + 5.0%; CONCRETE TEMPS = 69° + 70°
 AIR TEMPS = 76° + 77° ; 3 Test Cylinders (LA-13)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice

C.O.E. REPRS:

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.

DATE: 3-20-98

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed carpenters setting forms for mono # 145. Checked concrete placement for mono # 150 & found that top clearance was low on south side of monolith. Concrete was placed & wall vibrated. Finishes are continuing to rub walls & burlap was wetted for curing purposes.

Instructions to CQC/Remarks: Instructed CQC rep Jerry Justice that ladder for Mono # 150 was not secured & must be secured prior to next pour. He agreed to correct this problem.

Chenf Wagner
Name

Proj Engr
Title

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

DATE: 03/20/95

REPORT NO.: 118

SKIES: Clear - Pt. Cloudy RAIN: 0 IN: TEMP: 60 MIN. 80 MAX.

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE:(1.9)NOISE: Moderate

WORK PERFORMED/LOCATION

03/19/95 (Sunday) - B & K CONSTRUCTION - No work performed today.

03/20/95 (Monday) - B & K CONSTRUCTION - Cleaned up debris in the work area left behind by the high tide. Washed the Stabilization Slab off, as well as the Steel Sheet Piling and Reinforcing Steel. Set the Re-Steel Wall Curtain at East Monolith #150, then closed up the Forms and finished Bulkheads and other details. Placed Concrete at East Monolith #150 at 11:00 AM. Then set Land Side Forms at East Monoliths #145 and #143. Installed Bulkheads at East Monolith #145, and finished other details on this Form as well. Operator unloaded new CZ-101 Sheet Piling on the East Bank between Mirabeau Avenue and Filmore Avenue. Cement Finishers patching and rubbing I-Walls on the East Bank.

ARCADIA REBAR - Tied Reinforcing Wall Steel Curtains in place at East Monoliths #145 and #143. Also tied bottom Re-Steel at East Monolith #148.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	65	B & K	Forming I-Wall Monoliths; Pouring
7	Skilled	66.5	"	Concrete I-Wall Monoliths; Unload-
1	Supt.	9	"	ed new CZ-101 Steel Sheet Piling.
1	Q.C. Rep.	10	"	See "Work Performed" for location.
2	Skilled	7	ARCADIA REBR	Tying I-Wall Reinforcing Steel. See "Work Performed" for location.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	6	2	-
Fiat-Allis MotorGrader	-	Yes	1	7	-
Mantis 3612 Crane	-	Yes	8	2	-

TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - Performed Concrete Tests today on Mix #44 delivered from LAFARGE CONCRETE.

SLUMPS = 2" and 4"

AIR CONTENTS = 4.5% and 5.0%. A written report of these tests is being furnished to the Government by DELTA TESTING.

MATERIALS RECEIVED

Received 272 pieces of new CZ-101 Steel Sheet Piling at 21'-9" long each. Unloaded these along the Land Side Slope of the Levee in stacks of seven pairs each between Mirabeau and Filmore Avenue (East Bank). Test Reports and Mill Certificates were furnished by CASTEEL and WEIRTON STEEL previously. Heat Numbers on the Piling received matched the numbers on these Reports and Q.C. Certificates.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the "Reinforced Concrete Floodwall" work performed today. The required checklist (LMN Form #1246) was completed and signed by Jerry Justice prior to Concrete placement at East Monolith #150. The Chamfer Strip, Expansion Material, and Waterstop were properly installed. Elevation, alignment, and plumbness were found to be within allowable tolerances. Reinforcing Steel was found to be within allowable tolerances. Reinforcing Steel was found to be tied in place correctly. The top clearance was found to be uneven - one end was slightly low. The Carpenter Crew was informed that if this problem occurs again, the Concrete will not be placed until clearances are corrected. (B & K Crew had to tie Steel at this Monolith in the absence of Arcadia Rebar.)

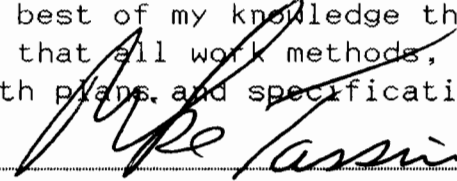
JOB SAFETY
(Note inspection, violations/actions taken)

Checked the scaffold, ladders, and handrails at East Monolith #150 poured today. 2x12 treated scaffold boards were in good condition, and nailed down to prevent movement. Handrails, mid-rails, and toe boards were constructed out of 2x4 material. Ladder was not secured properly upon inspection. I instructed the Carpenter Crew to secure the ladder today, and every other day that a ladder is set up on the scaffold.

REMARKS
(Instructions received, miscellaneous remarks)

We are requesting 50% Lost Production for today due to clean up of debris and Silt in the work area. We were unable to place Concrete at I-Wall #145 (East) due to this extra clean up work.

I certify to the best of my 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.


Authorized Q C Representative

03/21/95

Date

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

DATE: 03/18/95

REPORT NO.: 117

SKIES: Pt. Cloudy

RAIN: 0

IN: TEMP: 60 MIN. 78 MAX.

DUST: Minimal LEVEE CONDITION: Dry

CANAL GAUGE: 2.4 NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High tide in the Canal made any Floodwall work impossible today. Operator unloaded new CZ-101 Sheet Piling on the West Bank today. See "Materials Received" for details. Laborers cleaned up the Public Streets after delivery trucks left the jobsite.
 No other work performed today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	5	B & K	Unloading new CZ-101 Sheet Piling on the West Bank.
1	Skilled	5	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	5	-
Komatsu D37P Dozer	-	No	0	5	-
Kubota 151 Excavator	-	No	0	5	-
Case 580 Backhoe	-	No	0	5	-
Koehring 535 Crane	-	No	0	5	-
MKT Vibro Hammer	-	No	0	5	-
Kobelco LK 500 Loader	-	No	0	5	-
Komatsu 200 Excavator 2	-	Yes	4	1	-
Fiat-Allis MotorGrader	-	Yes	1	4	-
Mantis 3612 Crane	-	No	0	5	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

Received 58 Pieces of new CZ-101 Steel Sheet Piling from CASTEEL/
SKYLINE STEEL today at 20'-3" long. Also received 32 pieces of this
same material, at 21'-9" long.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected new CZ-101 Sheet Piling delivered today. No defects in workmanship or materials were observed. Heat numbers were marked on each piece of new CZ-101 Piling, and checked against the approved Heat Numbers. The Piling received matched the Piling listed on the Test Reports by CASTEEL.

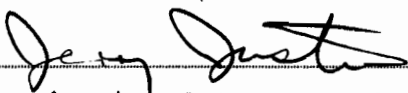
JOB SAFETY
(Note inspection, violations/actions taken)

Graded the Temporary Access Road with the Motor Grader, and flagged traffic at Filmore Avenue while delivery trucks backed onto the Levee. Laborers cleaned dirt off the street after trucks left the job.

REMARKS
(Instructions received, miscellaneous remarks)

We are requesting 100% Lost Production today due to the high tide in the Canal. The work area was flooded, making any I-Wall construction impossible.

I certify to the best of my 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.


Authorized Q C Representative

03/20/95

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

87

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

DATE Friday
17 March 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

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
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TEMPERATURE	
MINIMUM 58°	MAXIMUM 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 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 2.70'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-13 hrs	SKILLED 7-19 hrs	LABORERS 7-39 hrs	TOTAL 16-71 hrs
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NUMBER OF SHIFTS 1 2 3

FROM 0700 M	TO 1530 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; SHEET PILE DELIVERY
- 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)

No progressive work scheduled for this date, due to extremely high canal tide elevations, which continue to flood the structural excavations. However, B&K did continue rubbing the surfaces of East Monos #147, #149 & #151. Also unloaded 384 pcs of CZ-101 X 20'-3" steel sheet piles this date on L/S slope of the west levee north of Filmore Ave.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather conditions on 01,06,07,08,14,15,16 & 17 Mar 95.
- 100% of days lost due to high canal water stages on 13,14,15,16 & 17 Mar 95.
- 50% of days lost due to adverse weather conditions on 04, 05 & 09 Mar 95.

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

Only minor progressive work was performed by B&K this date, due to wet ground conditions from previous rainfalls and high canal water elevations.

DATE SET FOR COMPLETION: 03 APRIL 96 PERCENT PROJECT COMPLETE: 12.1%
PERCENT TIME ELAPSED: 35.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
 - STEEL 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 QCC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Observed finishers continuing to 'rub surfaces of East Monos #147, #149 and #151 this date. Noted that East Monos #147 & #152 were continuing to be cured with wetted burlene as required (last day of 7 days). No other work was performed this date, due to high canal water flooding structural excavations.

STEEL SHEET PILE DELIVERY: Observed B&K unloading sheet piles on the L/S slope of the west levee north of Filmore Ave.. Checked and found all heat numbers on piles received this date to match those on the Mill Certificates from Casteel. B&K received 384 pcs. of CZ-101 X 20'-3" steel sheet piles this date.

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: B&K is scheduled to continue receiving and unloading steel sheet piles on Sat., 18 Mar 95. No work is scheduled for Sun., 19 Mar 95.

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 slings being used this date to unload sheet piles were in very good conditions. Also noted that personnel handling sheet piles were wearing hard hats, leather gloves, and steel-toed boots.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

20 MAR 95

SUPERVISOR'S INITIALS

Yus

DATE

3/24/95

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

DATE: 03/17/95

REPORT NO.: 116

SKIES: Pt. Cloudy

RAIN: 0

IN: TEMP: 58 MIN. 78 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: 2.7 NOISE: Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High tide in the Canal flooded the work area, making any Floodwall work impossible.

Operator unloaded new CZ-101 Sheet Piling on the West Bank between Filmore Avenue and the Prentiss Avenue Pipe Crossing. See "Materials Received" for more details.

Cement finishing work continued at East Monoliths #147, #149, and #151. No other work performed due to high Canal water flooding the work area.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	39	B & K	Unloading new Steel Sheet Piling on the East Bank; Patching & rubbing I-Wall Concrete; Curing I-Wall Concrete.
7	Skilled	19	"	
1	Supt.	5	"	
1	Q.C. Rep.	8	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	8	0	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	No	0	8	-
6" Diesel Pump	-	Yes	3	5	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

JMD

Received **384** pieces of new CZ-101 Steel Sheet Piling 20'-3" long from CASTEEL/SKYLINE STEEL COMPANY today. Unloaded these Piling along the Land Side Crown of the Levee between Filmore Avenue and the Prentiss Avenue Pipe Crossing.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the new CZ-101 Steel Sheet Piling delivered to the job today. These Piling were shipped in pairs, with the Heat Numbers painted on each piece of CZ-101. Interlocks were all in good condition, and no defects were observed in the materials or workmanship. The Piling were unloaded on the West Bank between Filmore Avenue and the Pipe Crossing at Prentiss Avenue, and stacked along the Land Side edge of the Levee.

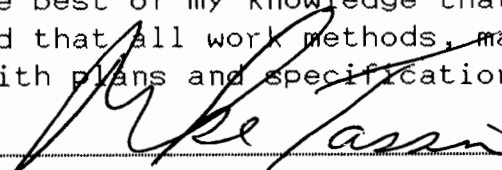
JOB SAFETY
(Note inspection, violations/actions taken)

Checked the Temporary Access Road on the West Bank at Filmore Avenue. The road was surfaced with Crushed Limestone, and was kept smoothly graded by the Motor Grader. Any debris tracked out onto the Public Street (Filmore Avenue) was cleaned up by laborers immediately.

REMARKS
(Instructions received, miscellaneous remarks)

We plan to work tomorrow (Saturday) unloading new CZ-101 Sheet Piling on the West Bank. Permission was granted to do so by the Government (per Zane Bryant) this afternoon.

I certify to the best of my 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.


Authorized Q C Representative

03/20/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
86

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

DATE Thursday
16 March 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 & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
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TEMPERATURE	
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 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 3-2 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 4-10 hrs	LABOR
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Canal RIVER STAGE	
FEET 3.00'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-12 hrs	SKILLED 7-49½ hrs	LABORERS 7-52½ hrs	TOTAL 16-114
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
FROM 0700 M	TO 1530M	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. - REINFORCED CONCRETE FLOODWALL; SHEET PILE DELIVERY
- 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)

No progressive work was performed this date, due to wet ground conditions from previous rainfalls and high canal water elevations which flooded the structural excavations. However, contractor did have finishers con't rubbing surfaces of East Monos #147, #149 & #152. Contr. con't curing East Monos #147, #149, #152 and #154. Contractor rec'd and unloaded 192 pcs of CZ-101 X 20'-3" sheet piles this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 01,06,07,08,14,15&16 Mar 95
100% of days lost due to high canal water stages on 13,14,15 & 16 Mar 95.
50% of days lost due to adverse weather/wet ground conditions on 04, 05 & 09 Mar 95.

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

Only minor work was performed this date by B&K, due to wet ground conditions from previous rainfalls and due to high canal water elevations. See attached CQC Report for details of work performed this date.

PERCENT PROJECT COMPLETE: 12.1%
PERCENT TIME ELAPSED: *35.6%

DATE SET FOR COMPLETION: *03 APRIL 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions issued.
SHEET PILE DELIVERY: No instructions issued.

* Revised Date Set for Completion and Percent Time Elapsed, due to Mods #P00007 and #P00008 adding an additional 12 days to the contract time.

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 continuing to rub surfaces of East Monos #147, #149 and #152 this date. Noted that East Monos #147, #149, #152 and #154 were continuing to be cured with wetted burlene when finishers were not rubbing surfaces. No other work performed this date.

SHEET PILE DELIVERY: Observed B&K unloading approx. 192 pcs of CZ-101 X 20'-3" steel sheet piles on the L/S slope of the west levee, between Filmore Ave. and Printess. Checked and found all sheet piles rec'd this date had heat numbers that matched those of the Mill Certificates supplied by Casteel. Heat Numbers and Pile Lengths were painted at two locations on each pile delivered this date.

QUALITY CONTROL: Contractor provided adequate quality control this date.

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

CQC Reps., M. Tassin and J. Justice asked QAR, Z. Bryant if is necessary for contractor to completely rub all surfaces of I-Walls to fill all pin holes and air bubbles. QAR informed Messrs. Tassin and Justice that it is the contractor's responsibility to provide surfaces adequate enough to receive cementitious paint finish as required in para. C3D-12.2.3 of the contract specs., which requires all pin holes, air bubbles, pits and surface voids to be completely filled. Therefore, B&K is responsible for taking whatever steps necessary required to provided the required surface finish. Messrs. Tassin and Justice both agreed with QAR this date.

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. ASHLEY	Area Engineer, GM-14	1/2 hr.	ACO
T. BERNARD	Assist. A/E, GS-13	1/2 hr.	Assist. A/E
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)

Noted flagmen wearing orange vest and using orange flags while directing traffic, during delivery of sheet piles by trucks this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 17 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/22/95
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DATE 3-16-85

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed personnel unloading truck loads of sheet piling between Filmore + Pumping Station on west side. Flag men being to direct + stop traffic when unloading material. Observed that streets being kept clean after trucks come off levee.

Instructions to COC/Remarks:

No work on flood wall was performed due to wet conditions + high tide

Chunf Wagner
Name

Proj Engr
Title

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

DATE: 03/16/95

REPORT NO.: 115

SKIES: Pt. Cloudy

RAIN: 0

IN: TEMP: 60 MIN. 76 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: 3.0 NOISE: Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High tide in the Canal flooded the work area, making any Floodwall work impossible. Levee soil was saturated from yesterday's rain as well.

Carpenters made up extra Burlene Blankets to cover curing I-Walls, and built wooden clothespin brackets to hold Burlene in place. Laborers wet I-Wall and Burlene Blankets at East Monoliths #147, #149, #152, and #154.

Today is the 7th and last day of curing for Monoliths #149, and #154. Cement Finishers worked on patching & rubbing East Monoliths #147, #149, and #152 today.

Operators unloaded 96 pairs of new CZ-101 Steel Sheet Piling on the West Bank at Filmore Avenue working towards the Pipe Crossing at Prentiss Avenue. See "Materials Received" for more details. Laborers cleaned the street after delivery trucks left the job.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	52.5	B & K	Cement Finishing work at East I-Wall Monoliths; Unloading new CZ-101 Sheet Piling; Curing I-Wall Concrete.
7	Skilled	49.5	"	
1	Supt.	8	"	
1	Q.C. Rep.	4	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	Yes	2	6	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	5	3	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	2	6	-
6" Diesel Pump	-	Yes	3	5	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

Received 192 pieces of new CZ-101 Steel Sheet Piling 20'-3" long from CASTEEL/SKYLINE STEEL COMPANY today. This material was unloaded on the West Bank between Filmore Avenue and Prentiss Avenue along the Land Side Slope of the Levee. Heat Numbers, Piling Type, and Lengths were painted on the side of each piece of CZ-101. Piling were delivered in pairs, and no defects were noted in workmanship or materials.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Finishing work being done today on the East Bank at Monoliths #161 through #149. All tie-rod holes were patched as were all honeycombs and other voids 1/2" or larger in diameter. Lines left imparted by the Forms were chipped and patched smooth. Chamfered edges were also chipped and patched as needed. Some small air holes (less than 1/2" in diameter) were left unfilled. According to the Contract Specifications (Section C3D-12.2), these small voids need not be filled. Inspector Zane Bryant pointed out that the cementitious paint finish must completely fill all pits, air bubbles, and surface voids (Section C3D-12.2.3). Whatever steps are necessary to accomplish this finished product will be up to B & K CONSTRUCTION.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked Slings, & Hooks used to unload Steel Sheet Piling. Four Way Spreaders were in good condition, as were the Sorting Hooks and Shackles used today.
Flagmen stopped traffic on Filmore Avenue while delivery trucks backed down the Levee.

REMARKS
(Instructions received, miscellaneous remarks)

Attempts to dam off a section of the Excavation and pump it dry were unsuccessful this morning.

I certify to the best of my 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.


Authorized Q C Representative

03/17/95

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

85

TO Area Engineer,
CELMN-CD-NO

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

DATE Wednesday
15 March 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 & Mild with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE
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 0.25" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-1 hr.			1-8 hrs	2-9 hrs	

Canal RIVER STAGE
FEET 3.40' TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-16 hrs	5-60 hrs	7-40 hrs	14-116

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
0700 M	1600 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

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)

No progressive work performed this date, due to high canal water flooding structural excavations, and wet ground conditions from previous rainfalls. However, carpenters did work on forms for I-Wall Tie-In Collars. Contractor also wetted down burlene on East Monos #147, #149 & #152 & #154, and had finishers con't rubbing surfaces of East Monos #147, #149 & #152.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 01,06,07,08,14 & 15 Mar 95.
100% of days lost due to high canal water stages on 13, 14 & 15 Mar 95.
50% of days lost due to adverse weather/wet ground conditions on 04, 05 & 09 Mar 95.

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

Minor work was performed by B&K this date, due to wet ground conditions and high canal waters flooding structural excavations. See attached CQC Report for details.

*Revised due to new method of calculating percent completed on Contract Pay Items.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: *12.1%

PERCENT TIME ELAPSED: 36.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY ACCESS ROADS: 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 continuing to rub surfaces of East Monos #147, #149 and #152. Also noted that burlene being kept on monos (when not being rubbed) were being kept wetted down and secured to each mono. Observed carpenters working on I-Wall Tie-In Forms in the North Staging Area this date for the tie-in collar at EB/L Sta. 119+03±. No work was performed this date.

TEMPORARY ACCESS ROADS: Observed B&K personnel adding crushed limestone (#610) to the existing west levee surfaces, between Mirabeau Ave. and Filmore Ave.

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 extremely high tides contractor was unable to perform any I-Wall construction this date, due to canal waters flooding the structural excavations, and was unable to perform other types of work due to very wet ground conditions from previous rainfalls.

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	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.)

Observed finishers wearing rubber gloves, safety glasses, and hard hats this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant</i> ZANE D. BRYANT JR.	DATE 16 Mar 95	SUPERVISOR'S INITIALS <i>gud</i>	DATE 3/22/95
--	-------------------	-------------------------------------	-----------------

DATE 2-15-88

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: No flood wall construction performed due to wet conditions & high tides. Observed that wadded burlap was placed over previously placed floodwalls & flashings were rubbing out air & bug holes.

Instructions to COC/Remarks: None given today.

Chunf Wagner Proj Engr
Name Title

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

DATE: 03/15/95

REPORT NO.: 113

SKIES: Pt. Cloudy

RAIN: 0.25

IN. TEMP.: 60 MIN 76 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (3.4) NOISE: Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for any Floodwall work today. High tide in the Canal had the work area flooded also. Carpenters worked on assembling Forms for the tie-in collar on the East Bank (Monolith #162). Also made up Expansion material with Chamfer Strips attached to fit I-Wall Monoliths. Operators and Laborers unloaded I-Wall Reinforcing Steel from LULICH STEEL for the next 12 Monoliths on the East Bank. (See "Materials Received" for details.) Also graded Temporary Access Roads and entrances, adding limestone surfacing material as needed, at Mirabeau and Filmore Avenues. Performed engine service (oil & filters) on the Mantis 3612 Crane.

Cement Finishers continued patching and repairing I-Wall Monoliths #147, #149, and #152. Laborers wet down the curing I-Wall Monoliths and Burlene Blankets (East Monoliths #147, #149, and #152, and #154).

No other work performed by B & K CONSTRUCTION or any subcontractors due to high Canal water and wet soil on the Levee.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	3	5	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	6	2	-
Mantis 3612 Crane	-	Yes	1	7	Srvcd Engr

MATERIALS RECEIVED

Received Reinforcing Steel from LULICH STEEL today for the next 12 I-Wall Monoliths (East Bank, Station 119+02 to Station 102+67). Unloaded this material at the Pratt Drive Staging/Office Area inside the fence. Levee conditions were too wet to unload Steel there.

Bar sizes and lengths were checked against approved Shop Drawings; no discrepancies were found. The required Material Test Reports were furnished with this delivery. Copies of the reports were furnished to Inspector Zane Bryant today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the curing of Concrete I-Wall today. Burlene Blankets covered all surfaces of the Concrete. Laborers wet down these Blankets and the Concrete itself during the day. Burlene was never allowed to dry before being wet again.

Inspected the Reinforcing Steel delivered today by LULICH STEEL. The results of the inspection can be found under "Materials Received".

TESTS PERFORMED
(As required by plans/specifications)

None performed today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	40	B & K	Too wet for I-Wall Construction; assembling Forms for tie-in Collar #162; Unloading Reinforcing Steel for I-Wall; Patching & repairing I-Wall Concrete; Curing I-Wall Concrete; Grading Temporary Access Road.
5	Skilled	60	"	
1	Supt.	8	"	
1	Q.C.Rep.	8	"	

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the Kobelco 500 and the Fiat-Allis Motor Grader Reverse Alarms today. Both were found to be in good working order today.

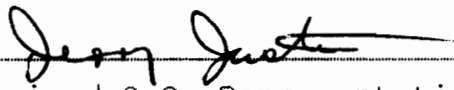
Also checked extension cords used by Carpenter Crew today. No breaks in insulation were found; male & female connectors had proper ground plugs also.

REMARKS

(Instructions received, miscellaneous remarks)

We are requesting 100% Lost Production today due to high water in the Canal and wet soil on the Levee.

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.



03/16/95

Authorized Q C Representative

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

84

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

DATE Tuesday
14 March 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 0.25"	ENDING 0730	M
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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 3.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-8 hrs	SKILLED 1-4 hrs	LABORERS 1-4 hrs	TOTAL 4-16 hrs	FROM 0700 M	TO 1100 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. - No work performed this date, due to rain and high canal waters.
- 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 work performed this date by Contractors, due to very wet ground conditions from previous rainfall, and also due to high canal water flooding the F/S structural excavations, between EB/L Sta's 111+60 and 119+05.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground conditions on 01, 06, 07, 08 & 14 Mar 95.
- 100% of days lost due to high canal water stages on 13 & 14 Mar 95.
- 50% of days lost due to adverse weather/wet ground conditions on 04, 05 & 09 Mar 95.

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

No progressive work was performed this date, due to wet ground conditions from previous rainfall and extremely high canal water elevations.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 9.9%
PERCENT TIME ELAPSED: 36.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended this date, 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

The following QA Inspections were performed this date:

ENVIRONMENTAL PROTECTION: Made a visual inspection on the silt fence along the L/S toe of the existing east levee between approx. EB/L Sta's 103+00 and 119+05. Noted that no silt from levee has penetrated through the silt fence fabric. Noted no breaks or rips in fabric. Noted erosion on L/S slope of east levee is minimal.

NOTE: QAR kept monitoring the canal water elevations throughout the day, between 0730 hrs. and 1445 hrs. this date. Canal water elevations ranged between 3.70' at 0730 hrs. and 3.00' at 1445 hrs. 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)

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.)

Contractor held Weekly Safety Meeting at 0730 hrs. this date. See attached minutes for topics discussed.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 15 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/22/95
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DATE 3-14-98

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: No work performed due
to wat. conditions + high tides in canal.

Instructions to COC/Remarks: Continuing to monitor high
tide conditions in canal. Observed water
elevation of 3.8' ; however ramp flood protection
of 6.75' is maintained in this reach

Chunf Wagner Proj Engr
Name Title

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

DATE: 03/14/95

REPORT NO.: 113

SKIES: Cloudy - Rain

RAIN: 0.25 IN:

TEMP: 60 MIN. 76 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: 3.7 NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed today due to wet soil, extremely high Canal water, and more rain falling. The work area was completely flooded this morning. No subcontractors were able to work today either, for the same reasons.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
1	Unskilled	4	B & K	No work performed - too wet.
1	Skilled	4	"	
1	Supt.	4	"	
1	Q.C. Rep.	4	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

None received today. Could not attempt Sheet Piling deliveries due to wet soil on the Levee.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

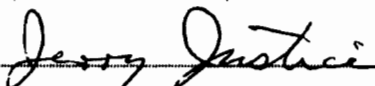
Checked the work area before leaving today. All tools and materials were removed from the Canal Side of the Temporary Flood Protection to prevent littering in the Canal and the Lake. Also checked for possible contamination by oils or fuels. All gasoline cans 5 gallon buckets of oil, and grease were removed from the unprotected area to prevent spills.

JOB SAFETY
(Note inspection, violations/actions taken)

Held the weekly Safety meeting today at 7:30 AM. Discussed the use of ladders in the work area, Crane Hand Signals and "Emergency Action Principals" to be followed when someone is seriously injured or ill. The minutes are attached to this report.

REMARKS
(Instructions received, miscellaneous remarks)

I certify to the best of my 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.


Authorized Q C Representative

03/15/95

Date

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 03/14/95

TIME: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL
LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: JERRY JUSTICE

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: PLACEMENT AND USE OF LADDERS ON THE JOBSITE.

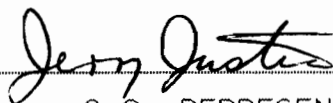
A new extension ladder was purchased yesterday for use at the I-Wall scaffold platforms. Employees were instructed to secure the ladders at the top to prevent movement, and to make sure the bottom of the ladder is on stable ground. A ladder must be used at each Form, and at Cement Finishers work scaffolds. A rope should also be tied to each set of Forms for raising and lowering tools and materials. No tools or materials should ever be thrown up to or down from a scaffold.

Also discussed Crane Hand Signals to be used by Flagmen working with the Mantis Crane. Reviewed the Chart found in the U.S. Army Corps of Engineers Safety Manual. Instructed the workers to have only one Flagman giving hand signals, and for other workers to stay clear of the operators line of sight to the Flagman & the load.

The last topic of discussion concerned movement of an injured employee. An injured person should never be moved by unqualified persons unless the victim is in danger of being injured or harmed further in that location. You should send someone for help (Call 911) and stay with the victim to give aid or monitor his/her condition.

COMMENTS:

The Mantis Crane operator asked for a Crane Hand Signal Chart to be posted on the side of his Crane. Jerry Justice told the workers to always check the rigging and lifting brackets on Steel I-Wall Form lifts after hooking up the Crane, and before beginning the lift.



Q.C. REPRESENTATIVE
B & K CONSTRUCTION

MINUTES OF SAFETY MEETING

DATE: _____

TIME: _____

PROJECT: _____

MEETING CONDUCTED BY: _____

PERSONS ATTENDING:

Jerry Justice
Robert Brown
Willie Wilton
Gregory Taylor
Garrett Lee
Mike Concamp
Steve Jone

Jack Leonard
Kevin DeLoach
Bryan Perdue

TOPICS DISCUSSED:

COMMENTS:

[Signature]
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

83

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

DATE Sat., Sun. & Mon.
11, 12 & 13 March 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 and Mild to
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
60°	79°

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

24 HOUR PRECIPITATION
INCHES 3/13/95 ENDING
2.50" 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET 1.70'	TIME
to 2.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL
3-47 hrs	7-121 hrs	10-103 hrs	19-271

FROM	TO	FROM	TO	FROM	TO
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; STEEL SHEET PILE DELIVERY
- b. Gill's Crane Service, Inc. - TEMPORARY FLOOD PROTECTION
- 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 East Monos #147, #149 & #152; Cured East Monos #147, #149 & #152 with wetted burlene; Set forms for East Monos #143, #145 & #150 (F/S only); Rubbing & patching on East Monos #147, #149 & #152; Welded #6 rebar to tops of sheet piles between EB/L Sta's 111+89 and 113+82; Unloaded 598 pcs of CZ-101 X 21'-9" steel sheet piles on west levee L/S slope.
- b) Cut-off existing sheet piles between EB/L Sta's 103+00 and 103+75 and removed from site.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground conditions on 01, 06, 07 & 08 Mar 95.
- 100% of day lost due to high canal stages on 13 Mar 95.
- 50% of days lost due to adverse weather/wet ground conditions on 04, 05 & 09 Mar 95.

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

Progressive work was scheduled and performed on Sat., 11 Mar 95, by B&K and Gill. Progressive work was scheduled by B&K on Mon., 13 Mar 95, but could not be performed due to high canal stages flooding the structural excavations. See attached CQC Reports for details.

PERCENT PROJECT COMPLETE: 9.9%

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT TIME ELAPSED: 35.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended on Sat., 11 Mar 95, due to no QAR on site.

The following CQC Inspection Phases were attended on Mon., 13 Mar 95:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- STEEL SHEET PILE DELIVERY: No instructions issued.
- 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 QOC ACTIVITIES

The following Follow-Up QA Inspections were performed on Mon., 13 Mar 95:
REINFORCED CONCRETE FLOODWALL: Checked East Monos #147, #149 & #152, and found no broken fractured fins, no honeycombs, and few air bubbles. Noted finishers con't to rub surfaces of East Monos #147, #149 & #152 this date. Checked and found #6 rebars tack welded to the tops of all sheet piles, between EB/L Sta's 111+89 and 113+82 for cathodic protection.
STEEL SHEET PILE DELIVERY: Observed contractor unloading steel sheet piles on L/S slope of the west levee between Filmore Ave. and Mirabeau Ave. this date. Checked and found all heat numbers on sheet piles delivered on 11 & 13 Mar 95, to match those numbers on Mill Certificates from Casteel. Contractor received 598 pcs of CZ-101 X 21'-9" sheet piles this period.
TEMPORARY FLOOD PROTECTION: Temporary flood protection is being provided between EB/L Sta's 103+00 and 119+05, by subcontractor cutting off the existing RZ-10 sheet piles at approx. elev. +6.75' as required.
QUALITY CONTROL: Contractor is providing adequate quality control 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:

NOTE: Due to extremely high canal tides, the structural excavations on the east side of the canal were flooded and contractor was unable to pump water out of the excavations, due to water seeping into excavations as fast as he could pump it out. Therefore, contractor could not perform any productive work on Mon., 13 Mar 95.

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


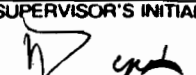
REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

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

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

On Mon., 13 Mar 95, noted that all personnel were wearing hard hats and protective footwear as required.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 14 Mar 95	SUPERVISOR'S INITIALS 	DATE 3/24/95
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 03/13/95

REPORT NO.: 112

SKIES: Cloudy & Windy

RAIN: 2.50

IN.

TEMP.: 62

MIN 79 MAX

DUST: Minimal

LEVEE CONDITION: Dry

CANAL GAUGE: (2.5)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Canal water flooded the work area, making I-Wall work impossible today. Carpenters installed Expansion material on finished I-Wall Monoliths in preparation for pouring Concrete at East Monoliths #150 and #148. Installed Bulkheads on Forms to be poured next. Used sandbags and earthen dams to seal off work area and attempted to pump it out, due to large amounts of buried rip-rap. Repaired broken water line at the Staging Area and Office trailers.

Unloaded new CZ-101 Sheet Piling on the West Bank between Mirabeau and Filmore Avenue. (290 pieces, 21'-9" long) No other work performed today.

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	2	6	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	8	0	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	4	4	-

MATERIALS RECEIVED

Received 290 pieces (145 pairs) of new CZ-101 Steel Sheet Piling at 21'-9" long each. These were unloaded on the West Bank between Mirabeau and Filmore Avenue along the Land Side Slope of the Levee. Heat Numbers were painted on the sides of each Piling. No defects were noted in materials or workmanship.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Temporary Flood Protection in place today. The existing Sheet Piling have been cut off at elevation +6.75 on the East Bank from Station 119+05 to Station 113+00. No gaps or breaks were noted except at the tie-in point (Station 110+05 to Station 119+02), where sandbags were used to close this gap. Approximate gap opening today = 1200'.

Also inspected curing of I-Wall Monoliths. Burlene Blankets were used to cover East Monoliths #152, #154, #147, and #149. Laborers sprayed water on these Walls and the blankets today to keep them wet during the Curing period.

TESTS PERFORMED
(As required by plans/specifications)

No Tests performed today.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
9	Unskilled	70	B & K	Working on I-Wall Forms; Dewatering the work area; Unloading new CZ-101 Sheet Piling; Repairing broken water line.
6	Skilled	58	"	
2	Supt.	18	"	
1	Q.C.Rep.	8	"	

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the ladders at the work area. One ladder was found to have a broken foot. A new ladder was purchased today, and the old ladder will be repaired or discarded.

REMARKS

(Instructions received, miscellaneous remarks)

We are asking for a 100% Lost Time day today due to high water in the Canal that flooded the work area.

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.



 Authorized Q C Representative

03/14/95

Date

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

DATE: 03/11/95

REPORT NO.: 111

SKIES: Clear

RAIN: 0

IN. TEMP.: 60 MIN 78 MAX

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked I-Wall East monoliths #152, #149, and #147 today. Covered these Monoliths with wet Burlene, and wet the Concrete Walls and Burlene throughout the day. Set Canal Side Forms at East Monoliths #150, #145, and #143 after cleaning and oiling them first. Cement Finishers patching & rubbing I-Wall Monoliths #152, #149, and #147 today. Welded #6 Rebar for Cathodic Protection on the East Bank from Station 113+82 to Station 111+89. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank between Mirabeau Avenue and Filmore Avenue. See "Materials Received" for more details. Strung out Re-Steel on the Windrow for the next 6 I-Wall Monoliths.

GILL'S CRANE SERVICE - Cut off existing Sheet Piling on the East Bank from Station 103+75 to Station 103+00 at elevation \pm 6.75 for Temporary Flood Protection. Hauled off cut-off pieces in a dump trailer to be disposed of. Still have cut off pieces left to be removed here between Station 103+00 and Station 107+00.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	2	6	Yes
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 200 Excavator 2	-	Yes	6	2	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	8	0	-

MATERIALS RECEIVED

Received 308 pieces of new CZ-101 Steel Sheet Piling at 21'9" long each, from CASTEEL/SKYLINE STEEL today. Unloaded this material along the Land Side Slope of the Levee between Mirabeau and Filmore Avenues. Inspection of these Piling revealed no defects in materials or workmanship. Piling were delivered in pairs, with Heat Numbers painted on the side of each piece.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the I-Wall Monoliths wrecked today on the East Bank (#152, #149, and #147). No large honeycombs or voids were observed. Finish on the Canal Side showed joint lines where plywood panels butt together. These lines are being repaired by Cement Finishers. These Forms were not wrecked until the required 18 hours had passed since completing placement yesterday.

Inspected curing of I-Wall Monoliths #152, #154, #147, and #149. Burlene Blankets covered all surfaces of the curing I-Walls. Water was sprayed on Blankets and Concrete Walls four times today. Blankets never were allowed to dry.

Inspected cleaning and oiling of I-Wall Forms. Residual Concrete was scraped off, then brooms and brushes were used to sweep off the remainder of the debris. Form oils were applied with pressure type sprayers. Approved Fractured Fin oil, and plywood oil were kept in separate sprayers and applied accordingly.

TESTS PERFORMED
(As required by plans/specifications)

None performed today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
3	Unskilled	28	B & K	Wrecking & setting I-Wall Forms; Curing I-Wall Concrete; Unloading new CZ-101 Sheet Piling.
6	Skilled	58	"	
1	Supt.	11	"	
1	Q.C.Rep.	10	"	
1	Skilled	5	GILL'S CRANE	Cutting off existing Sheets for Temporary Flood Protection; Re- moving cut off pieces from the job site. (See Page 1 for location.)
1	Unskilled	5	"	

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the street and bridge over London Avenue Canal for dirt & debris. Used shovels to clean mud off the bridge and Robert E. Lee Blvd. The roadway was cleaned after delivery trucks and equipment had departed.

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

03/13/95

Date

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

82

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

DATE Friday
10 March 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 & Mild

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°

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 1-10 hrs	TOTAL 1-10 hrs	LABOR	FEET 1.60'	TIME 0800 M
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Canal RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS			
SUPERVISORY 2-20 hrs	SKILLED 9-90 hrs	LABORERS 7-74 hrs	TOTAL 18-184	FROM 0700 M	TO 1800 M	FROM M	TO M

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. - REINFORCED CONCRETE FLOODWALL; SHEET PILE DELIVERY
- b. Arcadia Rebar, Inc. - SETTING & TYING RESTEEL
- c. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES

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, bulkheads, waterstops, chamfer strips, and expansion material for East Monos #147 & #152; Poured & vibrated concrete for East Monos #147 & #152; Cured East Mono #154 with wetted burlene; Unloaded 270 pcs of CZ-101 X 21'-9" sheet piles on west levee.
- b) Set & tied bottom resteel for East Mono #143, and top wall stem resteel for East Mono #152.
- c) Removed cut-off sections of existing sheet piles from east levee.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 01, 06, 07 & 08 Mar 95.
50% of days lost due to adverse weather/wet ground conditions on 04, 05 & 09 Mar 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 MAR 96

PERCENT PROJECT COMPLETE: 9.9%

PERCENT TIME ELAPSED: 35.3%

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.

SETTING & TYING RESTEEL: 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 QCC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Observed removal of forms from East Mono #154, no honeycombs or broken fractured fins noted. Observed setting and aligning of forms for East Monos #147 & #152, found to be in accordance with plans; Performed Pre-Placement Inspection on East Monos #147 and #152 prior to concrete placement (see attached LMN Forms 1246). Observed placement & vibrations of concrete placed for East Monos #147 & #152, concrete receiving adequate vibrations. Witnessed Delta Testing Rep. performing required concrete test and making 3 test cylinders (see back of LMN Forms 1246 for test results). Noted that Mono #154 was being cured with wetted burlene this date. Checked and found top chamfer strips set at +14.40'(P/S) and +14.38'(F/S) as required. East Mono #149 was also covered with wetted burlene.

STEEL SHEET PILE DELIVERY: Noted that B&K unloaded 270 pcs of CZ-101 X 21'-9" steel sheet piles this date along the L/S of the existing west levee between Filmore & R. E. Lee. Checked and found all heat #'s to match mill certificates.

CUTTING OFF EXISTING SHEET PILES: Observed Gill removing cut-off sections of sheet piles from jobsite this date.

SETTING & TYING RESTEEL: Observed Arcadia setting & tying resteel for bottom section of East

~~MONO #143 and top wall stem section of East Mono #152. All resteel set in accordance with approved shop drawing, and tied at 100%.~~

~~MONO #143 and top wall stem section of East Mono #152. All resteel set in accordance with approved shop drawing, and tied at 100%.~~

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

NOTE: No Verbal Instructions were given (issued) to Contractor this date.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor was given permission by Mr. T. L. Bernard of NOAO at approx. 1030 hrs. this date, to work on Sat., 11 Mar 95 between the hours of 0730 hrs. and 1800 hrs., for removing and setting concrete forms, and unloading steel sheet piles. However, no concrete placement or driving of sheet piles would be permitted.

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	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 that the Anti-Two Block Device was working properly on the Mantis 3612 Crane this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant, Jr.</i> ZANE D. BRYANT, JR.	DATE 13 MAR 95	SUPERVISOR'S INITIALS <i>YD</i>	DATE 3/14/95
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FORM CHECK OUT FOR STRUCTURES
 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 # 147 LIFT NO. One ELEVATION from 2:00 to 14:40 DATE OF POUR 3-10-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jm Justice</i>	3-10-95	12:55	<i>ZJB</i>	3-10-95	1300
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	N/A	"	"	"	"	"
HEADS	N/A	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Jm Justice</i>	3-10-95	12:55	<i>ZJB</i>	3-10-95	1300
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jm Justice</i>	3-10-95	12:55	<i>ZJB</i>	3-10-95	1305
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jm Justice</i>	3-10-95	1:00 Pm	<i>ZJB</i>	3-10-95	1305
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jim Justice</i>	3-10-95	1:00 Pm	<i>ZJB</i>	3-10-95	1310		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH	✓	"	"	✓	✓	✓		
WIDTH	✓	"	"	✓	✓	✓		
HEIGHT	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jim Justice</i>	3-10-95	1:05 Pm	<i>ZJB</i>	3-10-95	1310		
G. SAFETY (LIST)	<i>Jim Justice</i>	3-10-95	1:05 Pm	<i>ZJB</i>	3-10-95	1310		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Rigging Check	✓	"	"	✓	✓	✓		
3. Scaffold + Ladder	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	3-10-95	1:05 Pm	<i>ZJB</i>	3-10-95	1310		
Expansion Material	NONE THIS POUR	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	3612	1315	2.75				
Concrete Bucket	1	1 C.Y.	1315	1.75				
Concrete Vibrator	2	18' and 12'	1315	1.75				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 62° ;							
	AIR TEMPS = 60° ; 3 Test Cylinders (LA-12)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Derry M. Justice</i>				C.O.E. REPRS:			
					<i>Paul A. Dupont</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.								

FORM CHECK OUT FOR STRUCTURES 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 # 152 LIFT NO. ONE ELEVATION from +2.00 to +14.40 DATE OF POUR 3-10-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justice</i>	3-10-95	2:40 PM	<i>ZAB</i>	3-10-95	1445
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	N/A	"	"	"	"	"
HEADS	N/A	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justice</i>	3-10-95	2:40 PM	<i>ZAB</i>	3-10-95	1450
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jim Justice</i>	3-10-95	2:40 PM	<i>ZAB</i>	3-10-95	1450
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jim Justice</i>	3-10-95	2:40 PM	<i>ZAB</i>	3-10-95	1455
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>Jim Justice</i>	3-10-95	2:45 PM	<i>ZAB</i>	3-10-95	1455			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH	✓	"	"	✓	✓	✓			
WIDTH	✓	"	"	✓	✓	✓			
HEIGHT	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	<i>Jim Justice</i>	3-10-95	2:45 PM	<i>ZAB</i>	3-10-95	1500			
G. SAFETY (LIST)	<i>Jim Justice</i>	3-10-95	2:45 PM	<i>ZAB</i>	3-10-95	1500			
1. Eye Protection	✓	"	"	✓	✓	✓			
2. Rigging Check	✓	"	"	✓	✓	✓			
3. Scaffold & Ladder	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	3-10-95	2:45 PM	<i>ZAB</i>	3-10-95	1500			
Expansion Material	✓	"	"	✓	✓	✓			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Thomtis Crane	1	# 3612	1500	2					
Concrete Bucket	1	1 c.y.	"	2					
Concrete Vibrators	2	18' and 12'	"	2					
J. REMARKS	SLUMP = $4\frac{1}{2}$ " ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 62° ; AIR TEMPS = 60° ; 3 Test Cylinders (LA-12) FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jim Justice</i>				C.O.E. REPRS: <i>Zachary Stewart</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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/10/95

REPORT NO.: 110

SKIES: Clear

RAIN: 0

IN. TEMP.: 46 MIN 68 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.6) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked I-Wall Forms at East Monolith #154 at 10:00 AM. Cleaned, oiled, and set these Forms at East Monolith #152. Set Land Side Form at East Monolith #147, then plumbed, aligned, and finished details on this Monolith. Placed Concrete at East Monoliths #147 and #152 at 1:45 PM and 4:15 PM respectively. Monolith #147 = East B/L Station 114+69.27 to Station 114+98.14; Monolith #152 = East B/L Station 116+13.62 to Station 116+42.49; top of both Walls = elevation + 14.40.

Laborers covered East Monolith #154 with Burlene, and wet down Walls and Burlene throughout the day. East Monolith #149 was partially wrecked (Forms were opened to break the bond between Concrete and Form Liner), then Burlene was placed over the exposed Concrete and kept wet all day. Also covered East Monoliths #147 and #152 with a strip of wet Burlene after Concrete placement was completed. Cleaned dirt off of streets at the day's end.

Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank between Mirabeau and Filmore Avenue (270 pieces, 21'-9" long). Also unloaded Reinforcing Steel for the next 6 I-Wall Monoliths on the East Bank (Robert E. Lee to Pumping Station #4). Graded haul roads after delivery trucks left the job.

ARCADIA REBAR - Tied bottom Reinforcing Steel at East Monoliths #143 and #150. Tied top Re-Steel at East Monolith #152. Also tied one Re-Steel Wall Curtain on the Levee for future placement.

GILL'S CRANE SERVICE - Removed cut off Sheet Piling on the East Bank that were cut on 03/07/95, and loaded these into a haul trailer and disposed of them. Also loaded one more trailer with scrap Sheets cut previously and hauled these off the job as well. Still more scrap Sheets left to be removed here on the East Bank between Station 110+00 and 105+00.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	2	6	Yes
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	5	3	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 200 Excavator 2	-	Yes	6	2	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	6	2	-

MATERIALS RECEIVED

Received 270 pieces of new CZ-101 Steel Sheet Piling at 21'9" long each, and unloaded these along the Land Side Slope of the Levee between Mirabeau Avenue and Filmore Avenue. No defects in material or workmanship were observed.

Received Reinforcing Steel for the next 6 Monoliths of I-Wall on the East Bank between Station 119+02 and Station 102+67. Test reports for this material arrived with the delivery truck. (Copies furnished to Inspector Zane Bryant.)

Received 36 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE today. This was placed in I-Wall East Monoliths #147 and #152.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Reinforced Concrete Floodwall work done today. Formwork, Re-Steel, Sheet Piling, Stabilization Slab, Waterstop, Chamfer Strip, and Expansion material were all inspected and approved prior to placement of Concrete. (See LMN Form #1246.)

Inspected new Sheet Piling delivered today. Interlocks were all in good condition; handling holes were cut 4" from each end of each piece. Piling were delivered in pairs. Heat numbers, Piling type, and lengths were painted on the side of each Piling. Test reports for these Piling were already received and submitted to the Government.

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING performed Concrete Tests required by the Contract Specifications on Mix #44 delivered by LAFARGE CONCRETE COMPANY today. Results were as follows:

SLUMPS = 4" and 4 1/2"
AIR ENTRAINMENT = 5.0% and 5.2%

Three test cylinders were molded to be tested by the Government.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	66	B & K	Wrecking, Forming, Pouring, and Curing Concrete I-Wall; Unloading new CZ-101 Sheet Piling and Re- Steel.
6	Skilled	66	"	
1	Supt.	10	"	
1	Q.C.Rep.	10	"	
1	Skilled	8	GILL'S CRANE	Removing cut off Sheet Pile pieces (See Page 1 for locations.)
1	Unskilled	8	"	
2	Skilled	16	ARCADIA REBAR	Tying Reinforcing Steel for East I-Wall Monoliths. (See Page 1.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Slings, & sorting Hooks used to unload new Sheet Piling. No excessive wear or damage was found. Checked equipment for reverse alarms. Working Back up Alarms were found on the Case 580 Rubber Tire Backhoe, the Fiat-Allis Motor Grader, and Kobelco 500.

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.



 Authorized Q C Representative

03/13/95

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
81

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

DATE Thursday
09 March 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	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50%	50%	50%	50%	50%

TEMPERATURE	
MINIMUM	MAXIMUM
35°	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
			1-10½ hrs	1-10½ hrs	

Canal RIVER STAGE	
FEET	TIME
1.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-21 hrs	6-65 hrs	5-50 hrs	13-136 hrs

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
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; SHEET PILE DELIVERY
- 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) Completed setting forms, adjusting resteel, waterstops, chamfer strips and expansion material for East Monos #149 and #154; Placed concrete for East Monos #149 & #154; Received 308 pcs of CZ-101 X 21'-9" sheet piles this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 01, 06, 07 & 08 Mar 95.
50% of days lost due to adverse weather/wet ground conditions on 04, 05 & 09 Mar 95.

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

Progressive work was performed by B&K this date. However, no progressive work was performed by Arcadia Rebar or Gill Crane Service this date, at their options. The work performed by B&K this date was somewhat hampered due to high tides from 08 Mar 95 flooding the structural excavations.

PERCENT PROJECT COMPLETE: 9.8%

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT TIME ELAPSED: 35.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STEEL 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 QCC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Observed B&K removing forms from East Mono #147 this date to remove debris from inside of forms that was caused by high tides that flooded to structural excavations. Observed B&K completing setting forms for East Monos #149 & #154. Checked and found alignment to be in accordance with plans. Performed Pre-Placement Inspections on East Monos #149 & #154 this date (see attached LMN Form 1246s). Observed placement and vibrations of concrete this date, and found concrete receiving proper vibrations, and concrete being placed in less than 18" lifts. Witnessed Delta Testing performing required concrete test and molding 3 test cylinders (see back of attached LMN Form 1246 for results). Checked and found waterstops, chamfer strips and bulkheads properly installed for East Monos #149 & #154. Chamfer strips at tops of forms were set at elev. +14.40'(P/S) and +14.38'(F/S) as required. Noted that East Mono #156 was continuing to be cured with a wet burlene blanket this date (last day of 7 day period).

STEEL SHEET PILE DELIVERY: Observed B&K unloading 308 pcs of CZ-101 X 21'-9" sheet piles (7 truck loads) this date on L/S of west levee. Checked and found all heat numbers to match certificates from Casteel as required.

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: Observed laborers from B&K using shovels and brooms to clean tracked mud of adjacent bridge and streets.

NOTE: Also attached are Contractor's QC Reports for Tue. & Wed., 07 & 08 March 95.

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	9½ hrs.	QAR

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

Noted that ladders to scaffolds were properly secured to forms and were extended approx. 3' above the scaffold landings as required.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 10 Mar 95	SUPERVISOR'S INITIALS ZD	DATE 3/14/95
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FORM CHECK OUT FOR

STRUC JRES

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 # 154

LIFT NO.: One

ELEVATION from 2.00 to 14.40

DATE OF POUR 3-9-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jim Justice	3-9-95	1:00 PM	ZJB	3-9-95	1315
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	N/A	"	"	"	"	"
HEADS	N/A	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmJ	3-9-95	1:00 PM	ZJB	3-9-95	1315
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	3-9-95	1:00 PM	✓	✓	✓
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	3-9-95	1:00 PM	ZJB	3-9-95	1520
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jm Justice	3-9-95	1:05 PM	ZOB	3-9-95	1520		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.83'	✓	"	"	✓	✓	✓		
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jm J	3-9-95	1:05 PM	ZOB	3-9-95	1525		
G. SAFETY (LIST)	Jm J	3-9-95	1:05 PM	ZOB	3-9-95	1525		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Scaffold + Ladder	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jm J	3-9-95	1:05 PM	ZOB	3-9-95	1525		
Expansion Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	# 3612	1345	2.25				
Concrete Bucket	1	1 1/2 C.Y.	1345	2.25				
Concrete Vibrators	2	18' + 12'	1345	2.25				
J. REMARKS	SLUMP = 3 1/2" & 3 1/2" ; AIR ENTR. = 5.3% & 5.6% ; CONCRETE TEMPS = 65° & 58° ; AIR TEMPS = 58° & 58° ; 3 Test Cylinders (LA-11)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry 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.								

FORM CHECK OUT FOR

 STRUCURES REINFORCED 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 # 149

LIFT NO.:

ONE

ELEVATION

from 2.00 to 14.40

DATE OF POUR

3-9-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justice</i>	3-9-95	2:00 PM	<i>ZAB</i>	3-9-95	1400
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	N/A	"	"	"	"	"
HEADS	N/A	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justice</i>	3-9-95	2:00 PM	<i>ZAB</i>	3-9-95	1405
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jim Justice</i>	3-9-95	2:00 PM	<i>ZAB</i>	✓	✓
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jim Justice</i>	3-9-95	2:00 PM	<i>ZAB</i>	3-9-95	1415
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jim Justice</i>	3-9-95	2:05 PM	<i>ZAB</i>	3-9-95	1415		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jim Justice</i>	3-9-95	2:05 PM	<i>ZAB</i>	3-9-95	1420		
G. SAFETY (LIST)	<i>Jim Justice</i>	3-9-95	2:05 PM	<i>ZAB</i>	3-9-95	1420		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Rigging Check	✓	"	"	✓	✓	✓		
3. Scaffold + Ladder	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	3-9-95	2:05 PM	<i>ZAB</i>	3-9-95	1420		
Expansion Material	- NONE THIS POUR -							
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1615	1:45				
Concrete Bucket	1	1 1/2 C.Y.	"	1:45				
Concrete Vibrators	2	18' + 12'	"	1:45				
J. REMARKS	* Same As for East Morris #154.							
	SLUMP = *		; AIR ENTR. = *		; CONCRETE TEMPS = *			
	AIR TEMPS = *		; 3 Test Cylinders (LA-*)					
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M. Justice</i>				C.O.E. REPRS: <i>Zane L. Sweet</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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/09/95

REPORT NO.: 109

SKIES: Clear

RAIN: 0

IN. TEMP.: 35 MIN 58 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters built scaffold platform at East Monolith #149 Land Side Form. Then had to wreck Forms set previously at East Monolith #147 due to trash and sediment that washed in with the heavy rain and high tide on 03/07/95 and 03/08/95. Laborers cleaned Reinforcing Steel, Stabilization Slab, Sheet Piling, and Forms at Monolith #147. Carpenters re-set the Canal Side Form at East Monolith #147, and installed Waterstop and half of the Bulkheads here. Placed Concrete at East Monoliths #154 and #149 today. Covered tops of these two Monoliths with wet Burlene Blanket after placement was completed. Operator unloaded 308 pieces of new CZ-101 Sheet Piling today (see "Materials Received" for more details). Also unloaded 4400 l.f. of 3-bulb Waterstop from "GREENSTREAK" today (see "Materials Received"). Laborers cleaned mud off of Robert E. Lee Blvd. and the bridge over London Avenue Canal that was left behind by delivery trucks today.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	8	2	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	8	2	-

MATERIALS RECEIVED

Received 36 cubic yards of Concrete Mix #44 from LAFARGE CONCRETE today. Placed this material at East I-Wall Monoliths #154 and #149. (See "Tests Performed").

Received 4400 l.f. of 3/8"x9" three bulb Waterstop from GREENSTREAK (style #753). Stored this material inside the fence at the Pratt Drive Staging Area today. Inspection of this material revealed no defects in workmanship or materials.

Received 308 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL/SKYLINE today. These were unloaded on the West Bank from Sta. 105+00 to 102+00 along the Land Side Slope of the Levee. Approved Heat Numbers were painted on the side of each piece of new CZ-101, along with Piling Type and length. Handling holes and interlocks were all free of defects or errors in workmanship. All Piling received to date were delivered in pairs.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work done today. The required Form Checklists (LMN Form #1246) were completed for each I-Wall Monolith (#154 & #149 East Bank) prior to beginning the Concrete placement. East Monolith #149, Land Side Form, was found to be 3/8" low. This was due to settlement of the Stabilization Slab under the weight of the Steel Forms. Carpenters raised this Form, shimmed it to proper height and then the top of Wall Chamfer Strip was re-set at elevation 14.40.

Inspected the roadway at Robert E. Lee Blvd. for dirt and debris. After the end of the day's work, only a minimal amount of dirt was evident here. The Case 580 Backhoe was used to scrape large chunks of mud off the street and bridge, then the remainder was cleaned up with shovels.

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - performed Concrete tests today as required by the contract specifications. Material tested was LAFARGE CONCRETE COMPANY'S Mix #44, which was placed at East I-Wall Monoliths #154 and #149.

Results were as follows:

SLUMP: 3 1/2" and 3 1/2"

AIR CONTENT: 5.3% and 5.6%

No other tests performed today.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	50	B & K	Setting I-Wall Forms; placing I-Wall Concrete; unloading Waterstop and Sheet Pile deliveries; cleaning debris off of streets and at I-Wall Monolith #147 East. (See locations on Page 1.)
6	Skilled	65	"	
1	Supt.	10.5	"	
1	Q.C.Rep.	10.5	"	

JOB SAFETY

(Note inspection, violations/actions taken)

Checked scaffold platform built today on the Form at East Monolith #149. (This Form was never used on the Land Side until now.) Planking was nailed down to support members to prevent movement. Toeboards and handrails/midrails were nailed into place as well. Walkboards were 2"x12" treated pine; handrails, midrails, and toeboards were 2"x4" untreated pine. Ladder was secured at the top to the scaffolding, and it extended 3' above the platform.

REMARKS

(Instructions received, miscellaneous remarks)

The Forms set previously at East Monolith #147 had to be removed due to debris that was washed in with yesterday's extremely high tide. This extra work will delay placement of Concrete at this Monolith by one day, due to circumstances beyond our control. Mike Tassin is asking for 50% Lost Production Day due to this extra work.

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.



 Authorized Q C Representative

03/10/95

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

80

TO Area Engineer,
CELMN-CD-NO

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

DATE Wednesday
08 March 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
42°	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

Canal RIVER STAGE

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

FEET	TIME
3.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-13 hrs	5-15 hrs	6-16 hrs	13-44 hrs	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. - No progressive work performed this date.
- 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.)

No progressive work was performed this date, due to very wet ground conditions from previous rainfalls. However, Contractor did unload sheet piles and form material this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 01, 06, 07 & 08 Mar 95.
50% of days lost due to adverse weather/wet ground conditions on 04 & 05 Mar 95.

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

No progressive work was performed this date by any of the contractors, due to very wet ground conditions from previous rainfalls.

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 9.6%
PERCENT TIME ELAPSED: 34.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase this date:
STEEL 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 QCC ACTIVITIES

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

STEEL SHEET PILE DELIVERY: Observed the unloading of sheet piles this date. All piles were stored on the L/S slope of the existing west levee, between approx. WB/L Sta's 102+00 and 105+00. Checked heat numbers on all piles delivered this date, and found them to match the heat numbers on Casteel's Mill Certificates. Contractor received 88 pcs. of CZ-101 X 21'-9" steel sheet piles this date.

ENVIRONMENTAL PROTECTION: Made a visual inspection of the silt fence along the east & west levees, between approx. B/L Sta's 102+00 and 119+50, and found no evidence of silt passing through the silt fabric material. No erosion noted this date. Silt fence is in very good condition.

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 slings being used to unload sheet piles this date, for signs of defects (ie; cracks in hooks, kinked or frayed cables, etc.). No defects noted. Also noted that all personnel were wearing hard hats, steel-toed boots, and gloves during the sheet pile unloading operations, and that flagmen were being used to direct traffic for delivery trucks.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 09 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/14/95
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 03/08/95

REPORT NO.: 108

SKIES: Cloudy - Clearing RAIN: 0 IN. TEMP.: 42 MIN 55 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (3.0) NOISE: Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Canal water was too high to work in the Structural Excavation today. Also, the Levee was too wet for any work today. Operator unloaded one truckload of new CZ-101 Steel Sheet Piling that showed up unannounced on the East Bank at Mirabeau Avenue. Also unloaded one truckload of Sheet Piling (that was loaded on B & K CONSTRUCTION'S truck yesterday) on the West Bank near Station 105+00. See "Materials Received" for details. Also unloaded Metal Forms from FORMWORK SERVICES AND SUPPLY COMPANY to assemble an extra panel for Canal Side of the I-Wall.

No other work performed today due to wet soil on the Levee.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	No	1	7	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	Yes	2	6	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-

MATERIALS RECEIVED

Received 88 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL today. Heat Numbers were verified, and no defects were observed in Sheet Piling materials or workmanship.

Also received one truckload of Metal Forms and hardware from FORMWORK SERVICES AND SUPPLY COMPANY today. This material will be assembled to Form up the Canal Side (No Fractured Fin side) of the I-Wall, as an extra panel.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Sheet Piling received today. Piling were new CZ-101 Steel Sheet Piling 21'-9" long. The Heat Numbers, Pile Type, and lengths were painted on the side of each piece. No defects in materials or workmanship were noted.

Inspected the Erosion Control Silt Fencing on the East Bank between Robert E. Lee Blvd. and Pumping Station #4. No sign of Silt or sediment run off was noted.

TESTS PERFORMED
(As required by plans/specifications)

None today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	16	B & K	Unloading new CZ-101 Sheet Piling and Forms from CASTEEL and FORMWORK SERVICES & SUPPLY. (No other work performed due to wet soil on the Levee.)
5	Skilled	15	"	
1	Supt.	8	"	
1	Q.C.Rep.	5	"	

JOB SAFETY

(Note inspection, violations/actions taken)

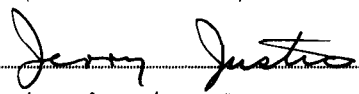
Repaired Safety Fence at Mirabeau Avenue entrance to the Levee, and placed a "KEEP OUT" sign on the fence.
 A flagman was provided (with Orange Vest and Traffic Flag) to direct traffic at Mirabeau Avenue and Robert E. Lee Blvd. today. This was done to prevent accidents while delivery trucks made the turn onto the Access Roads.

REMARKS

(Instructions received, miscellaneous remarks)

We are asking for a 100% lost production day today due to wet soil on the Levee. No Concrete could be placed at I-Wall Monoliths due to saturated soil conditions.

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.



 Authorized Q C Representative

03/09/95

 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

79

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

DATE Tuesday
07 March 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 50°	MAXIMUM 75°
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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 3.10"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.50'	TIME 0800	M
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Canal RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-12 hrs	SKILLED 7-38 hrs	LABORERS 7-38 hrs	TOTAL 16-88
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FROM 0700 M	TO 1300 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; SHEET PILES
- b. Gill's Crane Service, Inc. - TEMPORARY FLOOD PROTECTION
- 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) Finishers rubbed surfaces of East Monos #154 & #155; Set forms for East Monos #147 & #149; Cured Mono #156.
- b) Cut-off existing sheet piles between EB/L Sta's 103+75 & 104+20; Removed cut-off sections of existing piles between EB/L Sta's 104+00 & 104+75,

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 01,06 & 07 Mar 95.
50% of days lost due to adverse weather/wet ground conditions on 04 & 05 Mar 95.

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

Minor progressive work was performed by B&K and Gill this date, due to wet ground conditions from previous rainfall. However, all operations were shut-down at approx. 1130 hrs. due to adverse weather conditions.

PERCENT PROJECT COMPLETE: 9.6%

PERCENT TIME ELAPSED: 34.8%

DATE SET FOR COMPLETION: 22 MAR 96

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.

SHEET PILES DELIVERY: 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 carpenters setting forms for East Monos #147 & #149. Completed setting forms, chamfer strips, 3-bulb waterstops & bulkheads for East Mono #149. Finishers can't rubbing surfaces of East Mono #154 & #155. Cured East Mono #156 with wetted burlene as required.

TEMPORARY FLOOD PROTECTION: Observed subcontr. (Gill) cutting off existing RZ-10 sheet piles at approx. elev. +6.75' between approx. EB/L Sta's 103+75 and 104+20, then removing the cut off sections between approx. EB/L Sta's 104+00 and 104+75.

SHEET PILE DELIVERY: Observed contractor unloading 44 pcs of CZ-101 X 21.75' steel sheet piles from trucks on the west levee. Sheet piles being stored on the L/S of the existing levee between WB/L Sta's 105+00 and 105+50. Heat Numbers match the Certificates.

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: All operations were shut-down at approx. 1130 hrs. this date, due to adverse weather conditions (high winds and very heavy rainfall).

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



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.)

Observed flagmen wearing orange vest and using orange flags to control traffic for trucks making deliveries of sheet piles this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 08 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/14/95
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 03/07/95

REPORT NO.: 107

SKIES: Cloudy - Rain 11:30 RAIN: 3.1" IN. TEMP.: 50 MIN 75 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION Too wet for Concrete delivery trucks today. Carpenters finished Formwork details on East Monolith #149. Began working on East Monolith #147; set Canal Side Form, braced it off, and added half of Bulkhead material. Adjusted Re-inforcing Steel bottom Steel to correct clearance at #147. Cement Finishers patched and rubbed East Monoliths #155 and #154. Laborers wet Burlene and Concrete Walls at East Monolith #156. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank near Station 105+00 (See "Material Received" for more details). Heavy rain showers at 11:30 AM shut down all work.

GILL'S CRANE SERVICE - Cut off existing Frodingham Sheet Piling on the East Bank from Station 104+20 to Station 103+75 at elevation 6.75 for Temporary Flood Protection. Removed the cut off pieces from Station 104+75 to Station 104+00 and stacked them on the Canal Side of the existing Floodwall. These will be hauled off at a later date.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	1	7	-
Koehring 535 Crane	-	Yes	2	6	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	1	7	-
Mantis 3612 Crane	-	Yes	3	5	-

MATERIALS RECEIVED

Received 44 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL today. Unloaded these sheets on the West Bank near Station 105+00 along the Land Side Slope of the Levee.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Sheet Piling delivered today. Sheets were new CZ-101 Steel Sheet Piling, 21'-9" long delivered in pairs. Heat Numbers were painted on the side of each piece of each piece of the piling, and the numbers corresponded to the ones on the approved Heat Number crossover key. No defects in workmanship or material were observed.

Checked workers for Steel Toe Boots on the jobsite. All personnel (B & K CONSTRUCTION & GILL'S CRANE SERVICE) were wearing proper foot protection today.

TESTS PERFORMED
(As required by plans/specifications)

None today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	38	B & K	Setting I-Wall Forms; Patching & rubbing I-Wall Concrete; Curing I-Wall Concrete; Unloading new CZ-101 Sheets. (See locations on Page 1.)
5	Skilled	28	"	
1	Supt.	6	"	
1	Q.C.Rep.	6	"	
2	Skilled	10	GILL'S CRANE	

JOB SAFETY

(Note inspection, violations/actions taken)

Checked reverse alarms on the Motor Grader, rubber tire Backhoe, and the Dozer today. All were in good working condition.

Checked rigging used to unload Steel Sheet Piling, Slings, and Hooks were found to be in good condition.

REMARKS

(Instructions received, miscellaneous remarks)

COX CABLE COMPANY did finally raise the overhead Cable at Mirabeau Avenue today. Clearance on the East Side is now at 12', and 14' on the West Side, from the Temporary Access Road surface.

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.



 Authorized Q C Representative

03/08/95

 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

78

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

DATE Sat., Sun. & Mon.
04, 05 & 06 March 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 to
Cloudy and Warm

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 64°	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 0.75	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

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 2-19 hrs	SKILLED 8-74 hrs	LABORERS 6-60 hrs	TOTAL 16-153
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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. - REINFORCED CONCRETE FLOODWALL; STEEL SHEET PILES
- b. Gill's Crane Service, Inc. - TEMPORARY FLOOD PROTECTION
- c. Arcadia Rebar, Inc. - SETTING & TYING RESTEEL

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) Con't setting forms, bulkheads, waterstops, and chamfer strips for East Monos #149 & #154; Curing East Monos #155 & #156; Rubbing surfaces of East Monos #153, #155 & #156; Unloaded steel sheet piles.
- b) Cut-off existing sheet piles between EB/L Sta's 104+20 and 105+35.
- c) Tied bottom resteel for East Mono #152 and set wall stem resteel mats for Monos #147 & #149.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground conditions on 01 & 06 Mar 95.
- 50% of days lost due to adverse weather/wet ground conditions on 02 & 03 Mar 95.

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

Minor progressive work was performed by B&K, Gill, and Arcadia on Mon., 06 Mar 95, due to east levee being unaccessible to concrete trucks. No work was scheduled for 04 & 05 Mar 95.

PERCENT PROJECT COMPLETE: 9.6%

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT TIME ELAPSED: 34.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 06 Mar 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SETTING & TYING RESTEEL: 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 on Mon., 06 Mar 95:

REINFORCED CONCRETE FLOODWALL: Observed finishers con't to rub surfaces of East Monos #153, #155 & #156. Observed contractor con't to cure East Monos #155 & #156 with wetted burlene. Observed carpenters setting forms, 3-bulb waterstops, bulkheads, expansion material, and chamfer strips for East Monos #149 & #154.

TEMPORARY FLOOD PROTECTION: Observed subcontr. cutting off existing RZ-10 sheet piles at elev. +6.75, between EB/L Sta's 104+20 and 105+35, then removing the cut-off sections between EB/L Sta's 104+75 and 106+30.

SETTING & TYING RESTEEL: Observed rodbusters setting & tying bottom resteel for East Mono #152, and setting & tying wall stem resteel mats for East Monos #147 & #149. All resteel is tied at 100%, and in accordance with approved shop drawings.

STEEL SHEET PILES: Observed contractor receiving & unloading approx. 276 pcs of CZ-101 X 21'-9" steel sheet piles this date. All sheet piles were stored on L/S slope of the existing west levee, south of Robert E. Lee Blvd.

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: Checked and found all sheet piles delivered this date, to have heat numbers that match those of the Mill Certificates supplied by Casteel.

NOTE: Due to week-end rainfall, levee conditions were very wet, and contractor was unable to get concrete trucks on levee 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. (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 at 0700 hrs. on Mon., 06 Mar 95. See attached minutes for topics discussed.

Noted that concrete finishers were wearing hard hats, rubber gloves, and safety glasses on Mon., 06 Mar 95, while rubbing surfaces of I-Wall monoliths.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 07 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/19/95
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 03/06/95

REPORT NO.: 106

SKIES: Cloudy

RAIN: ↓ IN. TEMP.: 64 MIN 78 MAX
(Saturday = 0.25" Sunday = 0.50")

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(1.7) NOISE: Moderate

WORK PERFORMED/LOCATION

03/04/94 Saturday - B & K CONSTRUCTION - No work performed due to wet soil and more rain falling. Rainfall = 0.25" today.

03/05/95 Sunday - B & K CONSTRUCTION - No work performed due to wet soil and more rain falling. Rainfall = 0.50" today.

03/06/95 Monday - B & K CONSTRUCTION - Too wet for Concrete trucks on the Levee. Completed details on I-Wall Form at East Monolith #154. Set Land Side Form at East Monolith #149 (Canal Side Form set previously) Installed Bulkheads & Waterstop at #149. Still not completely ready for Concrete placement yet. Cement Finishers patching and rubbing Walls at East Monoliths #153, #155, and #156. Laborers wet Walls and Burlene Blankets at East Monoliths #155 and #156 throughout the day. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank (See "Materials Received" Section for more details).

GILL'S CRANE SERVICE - Cut off existing Sheet Piling at elevation 6.75 on the East Bank from Station 105+35 to Station 104+20. Removed these cut off pieces to Station 104+75, and stacked them on the Canal Side of the existing Floodwall.

ARCADIA REBAR - Tied Reinforcing Steel at East I-Wall Monolith #152 (bottom Steel only). Also hung Re-Steel Wall Curtains in place and tied them 100% at East Monolith #147 and #149.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	6	2	-

MATERIALS RECEIVED

Received 276 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL today. These Sheets were unloaded on the West Bank along the Land Side Slope of the Levee between Robert E. Lee. Blvd. and Prentiss Avenue. Heat numbers were checked against the numbers shown on the Mill Certificates and Test Reports. No discrepancies were found, and no defects in material or workmanship were noted.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Too wet to pour Concrete today - trucks could not travel on the Levee. Inspected I-Wall Formwork, Re-Steel, Waterstops, and Expansion material at East Monolith #154. Re-Steel clearances were 2 1/2" to 3" along each face of the Form. Forms were plumb and in proper alignment. Waterstops were centered in the Wall, and continuous from 6" below top of Wall to 3" from bottom of the Wall. Expansion material was attached securely to existing Concrete at each end of Monolith #154. Chamfer Strip was installed at each Expansion Joint (vertically), but the top of Wall grade and Chamfer Strip still needed to be set.

Inspected Temporary Flood Protection on the East Bank from Robert E. Lee Blvd. to Station 105+00. The existing Sheet Piling have been cut off at elevation 6.75. No gaps or breaks in Flood Protection exist in this area.

TESTS PERFORMED
(As required by plans/specifications)

None today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	60	B & K	Setting I-Wall Forms, Curing I-Wall
4	Skilled	50	"	Concrete; Patching I-Wall Concrete;
1	Supt.	8.5	"	Patching I-Wall Concrete; Unloading
1	Q.C.Rep.	10.5	"	new CZ-101 Sheet Piling. (See
				locations on Page 1.)
2	Skilled	16	GILL'S CRANE	Cutting off existing Sheets for
				Temporary Flood Protection. (See
				Page 1 for locations.)
2	Skilled	8	ARCADIA REBAR	Tying Reinforcing Steel for I-Wall.
				(See locations on Page 1.)

JOB SAFETY

(Note inspection, violations/actions taken)

Held the Weekly Safety Meeting at 7:00 AM today. The minutes of the meeting are attached to this report.

Provided rubber gloves and safety glasses & goggles to Cement Finishers for their protection.

Flagmen directed traffic for delivery trucks at Robert E. Lee Blvd. today.

REMARKS

(Instructions received, miscellaneous remarks)

A COX CABLE Representative called me today in reference to a letter sent to "COX" last week. The overhead cable at Mirabeau Avenue and London Canal must be raised or moved out of our way to allow trucks and equipment access to the Levee. Still no action taken by COX CABLE to this date.

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.

03/07/95


Authorized Q C Representative

Date

B+K Construction
MINUTES OF SAFETY MEETING

DATE: 3-6-95

TIME: 7:00 Am

PROJECT: London Avenue Canal Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Steve Thome
Raymond [unclear]
Jody Leonard
Harry [unclear]
Sam [unclear]
Bryan Verdun
Kevin D'Amico

Willie Dillon
Deirdre Brown
Andy [unclear]
Mike Comans

TOPICS DISCUSSED:

Proper use of fire extinguishers was discussed. Employees were instructed to have an extinguisher on hand at all burning and welding operations. When a fire extinguisher must be used to put out a fire, the following procedures should be followed: ① Pull pin, hold unit upright. ② Free hose (if applicable), stand back 8 feet, aim at the base of the fire. ③ Squeeze lever or trigger and sweep side to side.

Remember to check pressure gauge weekly and ask for refills when needed. Discharge time for a 5 lb. extinguisher is 13 to 15 seconds, and 8 to 12 seconds for a 2 1/2 lb. unit. The fire will appear to grow larger at first, however, continue to discharge the contents. The suppressing agent needs a few seconds to begin putting out the fire.

COMMENTS:

Inspector Zane Bryant reminded Mike Tassin and Jerry Justice not to allow operation of equipment by unauthorized personnel. The Case 580 Rubber-tire Backhoe has been used by others at times to shuttle materials and tools from the yard to the levee. Employees were told that as of now only Mike Comans and Jody Leonard are certified by B+K Const. to operate equipment.

[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

77

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

DATE Friday
03 March 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 & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
48°	68°

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	
1.30'	0800	M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-16½ hrs	5-41 hrs	9-63 hrs	16-120½

FROM	TO	FROM	TO	FROM	TO
0700 M	1600 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; SHEET PILES
- b. Gill's Crane Service, Inc. - TEMPORARY FLOOD PROTECTION
- c. Ace Fence Co. - WOODEN PRIVACY FENCE

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 East Mono #156; Set forms for East Mono #154; Set wall stem resteel mats for East Mono #154; Cured East Monos #151, #155 & #156 with wet burlene; Rec'd and unloaded steel sheet piles.
- b) Cut-off existing RZ-10 sheet piles at elev. +6.75' between EB/L 105+35 and 106+30.
- c) Completed installation of Wooden Privacy Fence at North Staging Area.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground conditions on 01 Mar 95.
- 50% of days lost due to adverse weather/wet ground conditions on 02 & 03 Mar 95.

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

Minor progressive work was performed by B&K, Gill and Ace Fence Co. this date. See attached CQC Report for details.

PERCENT PROJECT COMPLETE: 9.6%
PERCENT TIME ELAPSED: 34.1%

DATE SET FOR COMPLETION: 22 MAR 96

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.
 - WOODEN FENCE: 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: Observed B&K removing forms from East Mono #156. No honey-combs or broken fractured fins were noted, only few pin-holes were noted in surfaces of East Mono #156. Noted that B&K was curing East Monos #151, #155 & #156 with wetted burlene. Observed B&K installing previously tied resteel wall stem mats for East Mono #154 this date. Noted that B&K also set F/S forms for East Mono's #147 & #149.

STEEL SHEET PILES: B&K rec'd and unloaded 56 pcs of CZ-101 X 21'-9" sheet piles this date, on the P/S slope of the existing west levee, south of R. E. Lee Blvd.

TEMPORARY FLOOD PROTECTION: Observed Gill cutting off existing RZ-10 sheet piles at approx. elev. +6.75 for temporary flood protection, between East B/L Sta's 105+35 and 106+30. Did not remove the cut-off sections due to not having a crane operator.

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

NOTE: Checked all heat numbers on sheet piles delivered to jobsite on Thu. & Fri., 02 & 03 Mar 95. All were found to be in accordance with the QC Certificate from Casteel.

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

QAR, Z. Bryant instructed CQC Rep's M. Tassin and J. Justice to keep adjacent streets and bridges free of tracked mud and debris. Contractor will be required to use whatever means necessary to keep streets and bridges clean. Messrs. Tassin and Justice agreed to keep all streets and bridges clean.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Ace Fence Co. completed the installation of the wooden privacy fence on the North, South and West sides of the North Staging Area (located between R. E. Lee Blvd. and Leon C. Simon Blvd.), and installed 3-Wooden Gates.

NOTE: Mr. Danny Braud of 5245 Pratt Dr. complained & wouldnt't allow Contractor to trim the trees behind his house that extend over the existing west levee at approx. WB/L 83+00. Contr. told Mr. Braud to file his complaint with Mr. S. Spencer of the Orleans Levee Board. 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 unload sheet piles this date, to be in very good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR	DATE 06 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/14/96
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 03/03/95

REPORT NO.: 105

SKIES: Pt. Cloudy

RAIN: 0.10 IN. TEMP.: 48 MIN 68 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(1.3) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters set Wall Forms at East Monolith #154. Wrecked I-Wall Monolith #156 at 12:30 PM (poured yesterday). (Wall Re-Steel Curtain tied previously by ARCADIA REBAR was tied in place by B & K CONSTRUCTION). Expansion Joints, Waterstops, Chamfer Strips, and Tie Bolts were installed. Set Canal Side Wall Forms at East Monoliths #149 and #147. No Concrete was placed today. Laborers wet down Burlene and oiled Forms prior to setting them in place. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank. See "Materials Received" Section for more details (Page #2).

GILL'S CRANE SERVICE - Cut existing Frodingham Sheet Piling off at elevation 6.75 on the East Bank from Station 106+30 to Station 105+35. These Sheets were not removed yet; Crane operator did not show up.

BAYOU TREE SERVICE - Trimmed tree branches on the West Bank between Mirabeau and Filmore Avenues. Completed tree trimming work at this reach except for the last 150' near Filmore Avenue (see "Remarks" Section on Page #4).

ACE FENCE COMPANY - Installed wooden Privacy Fence at the two remaining Swing Gates at Pratt Drive and Robert E. Lee Blvd. Office Compound. This completes the 6' Privacy Fence work required (three sides only).

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	8	0	-

MATERIALS RECEIVED

Received 28 pairs (56pieces) of new CZ-101 Steel Sheet Piling, 21'-9" long, from CASTEEL/SKYLINE STEEL today. Material was found to be free of defects in material or workmanship. Handling holes were provided 4" from each end of each piece of CZ-101. Heat numbers, Piling type and length were painted on each piece of CZ-101 Steel Sheet Piling. This material was stacked on the Land Side slope of the Levee (West Bank) near Station 118+00.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the condition of the I-Wall Forms today. Plywood Panels were still in like-new condition. Some of the Joints could be aligned better, however, no more than 1/4" misalignment was noted on any of the Form Panels. Cement Finishers will patch & repair these joints and depressions caused by bolts and screws.

Inspected Temporary Flood Protection work done today. No gaps or breaks were observed below elevation 6.75. Existing Frodingham Sheet Piling were cut off at the required elevation of + 6.75 to accomplish this work.

Inspected the Tree trimming work done today by BAYOU TREE SERVICE on the West Bank. Only tree branches hanging over the Construction Servitude and Safety Fence were trimmed back, and then only to the minimum distance at which we can work. The complaints registered by Mr. Danny Braud (resident) will be considered, but we can see no alternative except to remove all branches in the way of the Crane work.

TESTS PERFORMED
(As required by plans/specifications)

None today.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	48	B & K	Wrecking, cleaning, oiling, and setting I-Wall Forms; Tying I-Wall Re-Steel; Curing I-Wall Concrete; Unloading new CZ-101 Sheet Piling (See locations on Page 1.)
4	Skilled	34	"	
1	Supt.	8.5	"	
1	Q.C.Rep.	8	"	
1	Skilled	7	GILL'S CRANE	Cutting off existing Sheets for Temporary Flood Protection. (See location on Page 1.)
3	Unskilled	15	BAYOU TREE	Trimming trees on the West Bank. (See location on Page 1.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Flagmen at Robert E. Lee Blvd. for Orange Vests and Flags. Workers wore the Vests only when in the roadway directing traffic. 18" x18" Orange Flags were used to stop and direct traffic.

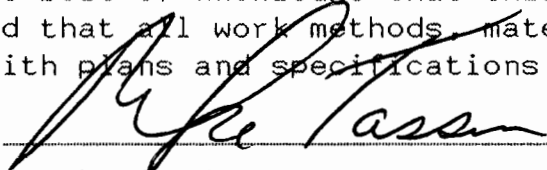
Gates were locked at the end of the day to keep people off the Levee and out of the work area.

REMARKS

(Instructions received, miscellaneous remarks)

The Resident at the corner of Filmore Avenue and Pratt Drive complained about the tree trimming work being done behind his property (Mr. Danny Braud). Mike Tassin stopped our subcontractor from doing any more tree trimming for the present time. We will consult with the Orleans Levee Board before proceeding.

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.



 Authorized Q C Representative

03/06/95

 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

76

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

DATE Thursday
02 March 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 50 %	BORROW EXCAVATION 50 %	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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TEMPERATURE

MINIMUM 44°	MAXIMUM 62°
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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 1-11 hrs	TOTAL 1-11 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 2-22 hrs	SKILLED 7-68 hrs	LABORERS 6-62 hrs	TOTAL 15-153	FROM 0700 M	TO 1830 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. - TEMPORARY FLOOD PROTECTION
- 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 & chamfer strips for East Mono #156; Poured & vibrated concrete for East Mono #156; Set wall stem resteel mats of East Mono #156; Curing on East Monos #151 & #155; Rec'd and unloaded sheet piles on L/S levee slopes.
- b) Cut-off existing RZ-10 sheet piles between EB/L Sta's 106+30 and 108+50

Days of no work and reasons for same:

- 100% of day lost due to adverse weather/wet ground conditions on 01 Mar 95.
- 50% of day lost due to adverse weather/wet ground conditions on 02 Mar 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 Gill this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 9.6%
PERCENT TIME ELAPSED: 33.9%

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.

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 the installation of I-Wall forms for East Mono #156, between approx. EB/L Sta's 117+29.10 & 117+57.96. Checked and found alignment to be in accordance with plans and approved shop drawings. Checked elev's of chamfer strips along the top of East Mono #156, and for them to be set at elev. +14.40' (P/S) and +14.38' (F/S). Performed Pre-Placement Inspection on East Mono #156 (see attached LMN Form 1246). Observed placement and vibrating of concrete into forms for East Mono #156. Concrete receiving adequate vibrations. Witnessed Lafarge Concrete Rep. performing required concrete test and molding 3 test cylinders (see back of LMN Form 1246 for test results). Checked and found burlene being kept thoroughly wet on East Mono's #151 and #155 for curing purposes.

TEMPORARY FLOOD PROTECTION: Observed subcontr. cutting off existing RZ-10 sheet piles between EB/L Sta's 106+30 & 107+75, then removed cut-off sections of sheet piles between EB/L Sta's 106+30 & 108+50. All piles were cut-off at approx. elev. +6.75' as required for temporary flood protection.

SHEET PILES: Contractor rec'd 342 pcs of CZ-101 X 20'-3" and 130 pcs of CZ-101 X 21'-9". All sheet piles were stored on the L/S toes of the existing levees at proposed locations.

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: Ace Fence Co. installed 1-wooden gate over existing chainlink gate at the North Staging Area this date. Will complete remaining two (2) gates on Fri., 03 Mar 95.

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

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

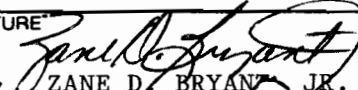

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	10 hrs.	QAR

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 all concrete trucks being used this date to deliver concrete to jobsite.

No safety infractions were noted this date.

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

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 06 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/14/95
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FORM CHECK OUT FOR STRUCTURES 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 # 156 LIFT NO. ONE ELEVATION from 2.00' to 14.40' DATE OF POUR 3-2-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justice</i>	3-2-95	2:45 PM	<i>ZOB</i>	3-2-95	1500
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justice</i>	3-2-95	2:45 PM	<i>ZOB</i>	3-2-95	1500
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jim Justice</i>	3-2-95	2:45 PM	<i>ZOB</i>	3-2-95	1505
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jim Justice</i>	3-2-95	2:50 PM	<i>ZOB</i>	3-2-95	1505
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>Jim Justice</i>	3-2-95	2:50pm	<i>ZJB</i>	3-2-95	1510			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.83'	✓	"	"	✓	✓	✓			
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓			
HEIGHT 12.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	<i>Jim Justice</i>	3-2-95	2:50pm	<i>ZJB</i>	3-2-95	1515			
G. SAFETY (LIST)	<i>Jim Justice</i>	3-2-95	2:50pm	<i>ZJB</i>	3-2-95	1515			
1. SAFETY GLASSES	✓	"	"	✓	✓	✓			
2. RIGGING CHECK	✓	"	"	✓	✓	✓			
3. LADDER & SCAFFOLD	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	3-2-95	2:50pm	<i>ZJB</i>	3-2-95	1515			
EXPANSION MATERIAL	✓	"	"						
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
MANTIS CRANE	1	#3612	1515	3					
CONCRETE BUCKET	1	1 1/2 CY	1515	3					
CONCRETE VIBRATORS	2	18' & 12'	1515	3					
J. REMARKS	SLUMP = 4 3/4" & 4 3/4"; AIR ENTR. = 5.6% & 5.5%; CONCRETE TEMPS = 61° & 61°; AIR TEMPS = 56° & 56°; 3 Test Cylinders (LA-10) Lafarge Concrete								
FINAL CLEARANCE									
CONTRACTOR REPRS: <i>Jim Justice</i>					C.O.E. REPRS: <i>ZJB</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 CONSTRUCTIONS JOB NO. 9402

DATE: 03/02/95

REPORT NO.: 104

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 44 MIN 62 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE:(1.5)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Set I-Wall Forms at East Monolith #156 today. (B/L Station 117+29.10 to Station 117+57.96) Braced off, aligned, & plumbed these Forms, then set Chamfer Strip at elevation 14.40. (Expansion material, vertical Chamfer Strips, and Waterstops were already in place.) Placed Concrete at Monolith #156 (East Bank) at 3:15 PM, then finished the top of the Concrete and covered with wet Burlene. ARCADIA REBAR did not show up today, so B & K CONSTRUCTION'S carpenters tied Wall Curtain in place at Monolith #156 prior to placing Land Side Form. An operator & three laborers unloaded new CZ-101 Steel Sheet Piling delivered from Casteel today. Laborers cleaned mud & debris off of the street and bridge at Robert E. Lee Blvd., and wet down Burlene and Concrete Walls at Monolith #151 and #155 (East Bank) throughout the day.

ACE FENCE COMPANY - Installed wooden Fence over one Swing Gate today. Still two more gates left to cover. (Posts had to be re-set and "X" bracing added.)

GILL'S CRANE SERVICE - Cut off existing Frodingham Sheet Piling on the East Bank from Station 107+75 to Station 106+30 at elevation 6.75 for Temporary Flood Protection. Removed cut-off Sheet pieces from Station 108+50 to Station 106+30 and stacked them on the Canal Side of the existing Frodingham Sheets.

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	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	8	2	-

MATERIALS RECEIVED

Received 19.5 cubic yards of Concrete Mix #44 from LAFARGE CONCRETE today, and placed this material in East Monolith #156. The Monolith only measured † 17.5 c.y. capacity - the 1st two trucks must not have had 18 cubic yards on board. Approximately 3/4 of a yard was left over out of the last truck.

Also received 171 pairs of new CZ-101 Steel Sheet Piling 20'-3" long, and 65 pairs of new CZ-101 Sheets 21'-9" long from CASTEEL today. These were unloaded in their respective positions on the Land Side slope of the Levee. Q.C. Certificates and Test Reports were supplied to the Government for all Sheet Piling remaining on the job.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected new CZ-101 Steel Sheet Piling received today. Heat numbers were checked against the CASTEEL Q.C. Certificates and verified. Interlocks were all in good condition, and lengths of Piling were checked as well. No deficiencies were noted during my inspection of the Sheet Piling delivered today. (CASTEEL Heat Numbers and Pile lengths were painted on the sides of each Piling).

Inspected the Re-inforcing Steel tied at East Monolith #156 today. The correct number of vertical and horizontal bars were in place and tied 100%. Spacing and clearances were also correct at this Monolith.

Inspected placement of I-Wall Concrete. Trimmies were used to keep the vertical drop less than 5'. Vibrators consolidated each 18" layer of Concrete. Placing time was 2 hours 45 minutes, only because LAFARGE shorted us on the 1st two truckloads, and a re-order was necessary.

TESTS PERFORMED
(As required by plans/specifications)

LAFARGE CONCRETE COMPANY'S Quality Control Representative performed Concrete Tests today on Mix #44 used for I-Wall Monolith #156. DELTA TESTING could not send a technician today. Slumps and Air Contents were recorded as follows:

SLUMP - 4 3/4" and 4 3/4"

AIR CONTENT - 5.6% and 5.5%

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	63	B & K	Setting I-Wall Forms; Placing I-Wall Concrete; Curing I-Wall Concrete; Unloading new CZ-101 Sheet Piling.
5	Skilled	52	"	
1	Supt.	11	"	
1	Q.C. Rep.	11	"	
2	Skilled	16	GILL'S CRANE	Cutting off existing Sheet Piling for Temporary Flood Protection. (See location above.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked 4 way Spreaders and Sorting Hooks used to unload Steel Sheet today. No excessive wear or defects were found. Workers wore Hard Hats, Steel Toe Boots, and Leather Gloves, while unloading pairs of Sheet Piling today.

Flagmen stopped traffic for trucks and equipment at Robert E. Lee Blvd. today, and for laborers while cleaning the streets.

REMARKS

(Instructions received, miscellaneous remarks)

New CZ-101 Sheet Piling did not arrive with proper Bills of Lading today. PACKARD TRUCK LINES will forward this to B & K CONSTRUCTION tomorrow. We are in the process of getting certified to perform our own Concrete Tests on the job site, so that we won't be dependent on DELTA TESTING to do this part of the work.

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

03/03/95

Date

MINUTES OF SAFETY MEETING

DATE: 3-2-95

TIME: 7:00 Am

PROJECT: London Ave. Canal Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Steve Thorne
Raymond LaBranch
John Lamart
Kerrin Lee
Ron [unclear]
Bryan Verdun
Kevin Dufaneland

Willie Dillon
Robert Brown
Emily [unclear]
Mike [unclear]

TOPICS DISCUSSED:

Discussed traffic control methods, and safety around roads and bridges. Employees were reminded of the hazards of crossing Robert E. Lee Blvd. near the London Ave. Canal Bridge. Motorists can not see pedestrians in the road soon enough to stop in time. Look both ways twice before crossing, and allow plenty of time to cross.

Flagmen must wear orange vests to protect them from moving vehicles, and to get their attention when directing traffic.

Delivery trucks should be anticipated, and flagmen provided as soon as trucks arrive at the entrance to the levee access roads.

COMMENTS:

Employees were instructed to keep the scaffold platform clear of loose materials and tools. This will help prevent tripping hazards which could lead to a deadly fall. A clear walkway will also prevent tools + materials from being knocked off and striking someone below. Other work areas should also be kept free of loose materials and debris that would cause tripping and falling.


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

75

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

DATE Tuesday & Wednesday
28 February & 01 March 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
to Cloudy and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 0/0 %	BORROW EXCAVATION 0/0 %	EMBANKMENT 0/0 %	CONCRETE 0/0 %	STRUCTURE 0/0 %
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MINIMUM 48°	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 Tues. 1.90"	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 2-19 hrs	SKILLED 7-64 hrs	LABORERS 6-59 hrs	TOTAL 15-142	FROM 0700 M	TO 1700 M	FROM M	TO	FROM M	TO M
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FEET	TIME	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. Arcadia Rebar, Inc. - REINFORCING STEEL
- 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)

No work was scheduled or performed on Tues., 28 Feb 95, in observance of Mardi Gras Day.

The following work was performed on Wed., 01 March 95:

- a) Wrecked forms from East Mono #158; Began setting forms for East Mono #154 & #156; Curing
- b) set and tied resteel of bottoms of East Mono's #154 & #156; Tied extra wall stem mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 13, 17 & 28 Feb 95 and 01 Mar 95.

50% of days lost due to adverse weather/wet ground conditions on 14,15,16 & 20 Feb 95.

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

No progressive work was scheduled or performed on Tue., 28 Feb 95, in observance of Mardi Gras Day and rain. Minor work was performed by B&K and Arcadia on Wed., 01 Mar 95. See attached CQC Reports for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 9.5%

PERCENT TIME ELAPSED: 33.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspections were attended on Tue., 28 Feb 95, due to no work being performed.

Attended the following CQC Inspection Phases on Wed., 01 Mar 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

REINFORCING STEEL: 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 on Wed., 01 Mar 95:

REINFORCED CONCRETE FLOODWALL: Checked and found East Mono's #151, #155, #158 and #160 were all covered with wetted burlene as required for curing purposes. Observed B&K removing forms from East Mono #155, and checked for surface defects. Found few pin holes, but no broken fractured fins or honeycombs. Observed finishers rubbing surfaces of East Mono #155. No other work performed this date, due to wet ground conditions.

REINFORCING STEEL: Observed Arcadia rodbusters setting and tying resteel for the bottom sections of East Mono's #154 and #156 this date. All resteel set and tied in accordance with approved plans and shop drawings. Rodbusters also tied two (2) wall stem mats on F/S of new floodwall, these will be installed at a later date as needed.

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

NOTE: No QA Inspections were performed on Tue., 28 Feb 95, due to no work being performed by Contractors in observance of Mardi Gras Day.

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: Ace Fence Co. installed 4X4 treated post behind the newly installed wooden fence at the north staging area, between R. E. Lee Blvd. and Leon C. Simon Blvd. this date, at the request of Boone Kenyon of B&K. This was being performed to held support the wooden fence during high wind conditions.

NOTE: Also received B&K's CQC Report for the period of 25, 26 & 27 Feb 95. See attached. 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. (Wed)	QAR

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

Checked and found that rodbusters were wearing safety glasses, leather gloves, steel-toed work boots, and hard hats.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 02 Mar 95	SUPERVISOR'S INITIALS 	DATE 3/14/95
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QUALITY CONTROL REPORT
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL
B & K CONSTRUCTIONS JOB NO. 9402

DATE: 03/01/95

REPORT NO.: 103

SKIES: Cloudy

RAIN: 1.9 IN. TEMP.: 48 MIN 68 MAX
(Tuesday)

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(1.7) NOISE: Moderate

WORK PERFORMED/LOCATION

02/28/95 Tuesday - B & K CONSTRUCTION - One man came in to wet down walls and check the jobsite. Monoliths still beign cured are East Bank I-Wall Monoliths #160, #158, #151, and #155. Forms were broken open slightly on #155 to prevent form liner from bonding to the concrete fins. This Wall (#155) also had wet burlene covering the exposed part of the concrete. No other work performed today.

03/01/95 Wednesday - B & K CONSTRUCTION - Carpenters wrecked wall forms at Monolith #155 (East Bank). Too wet for concrete work on the Levee. Laborers covered this Monolith with burlene and wet down walls and blanket. Continued wetting down Monoliths #160, #158, and #151 also. Laborers cleaned and oiled forms. Cement finishers patched & rubbed I-Wall Monolith #155, and worked on chamfered edges at expansion joints. Laborers cleaned dirt off of Robert E. Lee Blvd. and bridge.

ARCADIA REBAR - Tied Reinforcing Steel at I-Wall Monoliths #154 and #156 (bottoms only) on the East Bank. Also tied two Re-Steel wall curtains on the Levee to be placed later.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	2	6	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	5	3	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	6	2	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

Copies of Test Reports and Mill Certificates from CASTEEL and WEIRTON STEEL for all remaining CZ-101 Sheet Piling were furnished to Inspector Zane Bryant today. The originals were submitted by Debbie Smith to the N. O. Area Office.

MATERIALS RECEIVED

None today.

We will begin receiving CZ-101 Steel Sheet Piling tomorrow at Robert E. Lee (East Bank) for Station 120+49 to Station 126+65. The rest of the new CZ-101 Sheets will arrive within the next 7-10 days. We plan to string out these Sheet Piling where they belong on the Land Side slope of the Levee.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

ACE FENCE COMPANY - Installed 4x4 treated posts behind the new wooden Privacy Fence at the B & K Office Compound today. These posts were added to strengthen the fence against high winds.

Inspected the Erosion Control Silt Fence along the East Bank today. No sign of sediment was observed on the Land Side of the Silt Fence. Inspected the wet curing of I-Wall Monoliths also. Burlene blankets were in place at East Monoliths #160, #158, #151, and #155. Blankets and Walls were wet and laborers were assigned to keep these curing walls wet throughout the day. Inspected the Reinforcing Steel work done by ARCADIA REBAR today at Monoliths top Steel was tied in a mat lying on the Levee windrow (to be stood up & tied in place tomorrow). Spacing was checked and found to be 9" or less on the #6 vertical bars, and 9" on the center on the #5 horizontal bars.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	59	B & K	Too wet for concrete work; wrecked
5	Skilled	48	"	I-Wall forms; curing I-Wall
1	Supt.	9.5	"	concrete; cleaning debris off of
1	Q.C. Rep.	9.5	"	streets.
2	Skilled	16	ARCADIA REBAR	Tying Reinforcing Steel for I-Wall. (See locations above.)

JOB SAFETY

(Note inspection, violations/actions taken)

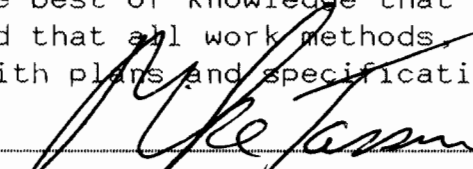
Inspected the Safety fence and gates at Robert E. Lee Blvd. Safety fence was continuous, and swing gates were locked at the day's end. "KEEP OUT" signs were clearly posted on each gate.

REMARKS

(Instructions received, miscellaneous remarks)

We are requesting a 100% lost day for today due to saturated soil on the Levee. Concrete trucks could not travel down the levee at all today. Other equipment use on the Levee was severely limited today as well.

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.



 Authorized Q C Representative

03/02/95

 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

74

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

DATE Sat., Sun. & Mon.
25, 26 & 27 February 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 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 50°	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	TOTAL	LABOR
			1-9 hrs	1-9 hrs	

FEET 1.40'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-18 hrs	9-68 hrs	7-60 hrs	18-146	0700 M	1700M	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
- b. Gill's Crane Service, Inc. - TEMPORARY FLOOD PROTECTION
- c. Arcadia Rebar, Inc. - TYING RESTEEL

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 on East Mono #151; Set forms for East Mono #155; Poured East Mono #155; Wet cured East Mono's #151, 158, 160 and #161; Rubbed surfaces & patched on East Mono #151.
- b) Cut-off existing RZ-10 sheet piles at elev. +6.75', between EB/L Sta's 108+50 and 109+20; Cut through existing sheet piles between EB/L Sta's 107+75 and 108+50.
- c) Tied resteel for wall stem section of East Mono #155 and two extra wall stem mats.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground conditions on 13 & 17 Feb 95.
- 50% of days lost due to adverse weather/wet ground conditions on 14,15,16 & 20 Feb 95.

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

Minor work was performed by B&K on Sat. & Sun., 25 & 26 Feb 95. Progressive work was scheduled and performed by B&K, Gill and Arcadia on Mon., 27 Feb 95. See attached CQC Report for details.

PERCENT PROJECT COMPLETE: 9.5%
PERCENT TIME ELAPSED: 33.4%

DATE SET FOR COMPLETION: 22 MAR 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases on Mon., 27 Feb 95:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- TEMPORARY FLOOD PROTECTION: No instructions issued.

NOTE: No CQC Inspections were attended on Sat. & Sun., 25 & 26 Feb 95.

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., 27 Feb 95:

REINFORCED CONCRETE FLOODWALL: Observed removal of forms from East Mono #151 and checked surfaces for defects. Noted few air bubbles, no broken fractured fins, and no honeycombs. Observed finishers patching tie-rod holes and rubbing surfaces of East Mono #151 this date. Observed the setting and alignment of forms for East Mono #155, noted that fractured fin molds on F/S of this mono was tapered from 3'-9" on the north end to 2' on the south end. Performed the Pre-Placement Inspection on East Mono #155 this date (see attached LMN Form 1246). Observed placement & vibrating of concrete into forms for East Mono #155. Concrete is receiving adequate vibrations. Witnessed Delta Testing Rep. performing required concrete test and molding 3 test cylinders (see back of LMN Form 1246 for test results). Checked and found burlene on East Mono's #151, 158, 160 & 161 being kept wet for curing.

TEMPORARY FLOOD PROTECTION: Observed subcontr. con't to cut-off existing RZ-10 piles between EB/L Sta's 108+50 & 109+20. Noted that subcontr. had cut through existing piles between EB/L Sta's 107+75 & 108+50, but had not removed these piles.

TYING RESTEEL: Observed rodbusters tying resteel for wall stem section of East Mono #155.

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: No QA Inspections were performed on 25 & 26 Feb 95.

NOTE: Ace Fence Co. continued installing 6' wooden fence around the North Staging Area. To-Date there is approx. 500 l.f. of wooden fence installed.

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

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

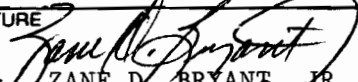

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	8 hrs. (Mon)	QAR

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

Observed that all personnel handling concrete buckets and pouring concrete this date, to be wearing safety glasses.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 01 MAR 95	SUPERVISOR'S INITIALS 	DATE 3/14/95
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FORM CHECK OUT FOR STRUCTURES 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 # 155 LIFT NO. ONE ELEVATION from 2.00 to 14.40 DATE OF POUR 2-27-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justice</i>	2-27-95	1:15 Pm	<i>ZOB</i>	2-27-95	1320
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justice</i>	2-27	1:15	<i>ZOB</i>	2-27-95	1320
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jim Justice</i>	2-27	1:15	<i>ZOB</i>	2-27-95	1325
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jim Justice</i>	2-27	1:15	<i>ZOB</i>	2-27-95	1330
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>Jim Justice</i>	2-27-95	1:20 PM	<i>ZAB</i>	2-27-95	1330			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.87'	✓	"	"	✓	✓	✓			
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓			
HEIGHT 12.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	<i>Jim Justice</i>	2-27	1:20 PM	<i>ZAB</i>	2-27-95	1335			
G. SAFETY (LIST)	<i>Jim Justice</i>	2-27	1:20 PM	<i>ZAB</i>	2-27-95	1335			
1. Safety Glasses	✓	"	"	✓					
2. Rigging Check	✓	"	"	✓					
3. Scaffold + Ladder	✓	"	"	✓					
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	2-27-95	1:20 PM	<i>ZAB</i>	2-27-95	1335			
Expansion Material	NONE THIS POUR								
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Mantis 3612	1	Crane	14:20	2					
Concrete Bucket	1	1 1/2 c.y.	1420	2					
Concrete Vibrators	2	18' and 12'	1420	2					
J. REMARKS	SLUMP = 3" & 6" ; AIR ENTR. = 5.4% & 3.2% ; CONCRETE TEMPS = 70° & 70° ; AIR TEMPS = 75° & 75° ; 3 Test Cylinders (LA-09)								
FINAL CLEARANCE									
CONTRACTOR REPRS: <i>Jim Justice</i>					C.O.E. REPRS: <i>Paul 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 CONSTRUCTIONS JOB NO. 9402

DATE: 02/27/95

REPORT NO.: 102

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 50 MIN 78 MAX

(Tuesday)

DUST: None

LEVEE CONDITION: Dry

CANAL GAUGE:(1.4)

NOISE: Moderate

WORK PERFORMED/LOCATION

02/25/95 Saturday B & K CONSTRUCTION - Partially wrecked Monolith #151 (East Bank) to protect fractured fins from adhering to the form liner. Covered top of I-Wall with burlene and wet down burlene and concrete wall #151. Laborers wet down burlene and concrete at Monoliths #158, #160, and #161.

02/26/95 Sunday B & K CONSTRUCTION - Laborer came in to wet down the burlene & concrete walls at Monoliths #151, #158, #160, #161. No other work performed today.

02/27/95 Monday B & K CONSTRUCTION - Completed wrecking forms at Monolith #151 (East Bank). Covered #151 with burlene blanket and wet down wall and burlene. Set forms at Monolith #155 (East); braced, aligned, plumbed, installed waterstops, bulkheads, and chamfer strips. Poured Monolith #155 (East Bank) at 2:30 PM today. Covered this fresh concrete with a burlene blanket on top of the wall for weather protection. I-Wall Monolith #155 (East) was poured from B/L Station 117+00.23 to Station 117+29.10 at elevation 14.40. Laborers wet burlene and concrete at I-Wall Monoliths #161, #160, #158, and #151 on the East Bank. Cement finishers patched & rubbed I-Wall Monolith #151 (East Bank).

GILL'S CRANE SERVICE - Cut off existing Frodingham Sheet Piling on the East Bank from Station 109+20 to Station 108+50 at elevation 6.75 for Temporary Flood Protection. Also cut Frodingham Sheets off at elevation 6.75 ahead to Station 107+75; these sheets not removed yet.

ARCADIA REBAR - Tied Reinforcing Steel at I-Wall Monolith #155 (East Bank), and tied two more Re-Steel wall curtains on the Levee for future placement.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	2	6	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	Yes	2	6	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	8	0	-

MATERIALS RECEIVED

Received 18 cubic yards of concrete (mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed in I-Wall Monolith #155 (East Bank). The second truck came with a high slump. No water was added at the jobsite. LAFARGE'S Quality Control Manager was notified of this problem and he assured me that he would take measures to prevent this from happening again.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work done today. Formwork was acceptable; elevation and alignment were checked prior to placement. No deviation from plan elevation or alignment over 0.02' was found. LMN Form 1246 was completed by the Contractor prior to placement. No deficient items were found during the inspection of Formwork, Re-Steel, and embedded items. Also checked curing of completed I-Wall Monoliths. Laborers wet down walls and burlene blankets periodically to keep them saturated. Wet blankets provided coverage over 100% of Monoliths #161, #160, #158, and #151.

ACE FENCE COMPANY - installed approximately 180 l.f. of 6' high wooden Privacy Fence at the Pratt Drive and Robert E. Lee Staging Area today. This completes fence on North, South, and West sides of the Office Compound, with a gap at each Swing Gate (3 places)

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - performed concrete tests on the concrete delivered for I-Wall Monolith #155 (East) today. Slumps and Air Contents were as follows:

SLUMPS = 3" and 6"

AIR CONTENTS = 5.4% and 3.2%

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	60	B & K	Wrecking & setting I-Wall forms; curing I-Wall Monoliths; patching & rubbing concrete I-Wall. (See locations above.)
5	Skilled	42	"	
1	Supt.	9	"	
1	Q.C. Rep.	9	"	
2	Skilled	14	GILL'S CRANE	Cutting off existing Sheet Piling for Temporary Flood Protection.
2	Skilled	12	ARCADIA REBAR	Tying Reinforcing Steel for new I-Wall. (See locations above.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Rigging used to lift Re-Steel and I-Wall forms today. Slings, Hooks, and Shackles were found to be in good condition.

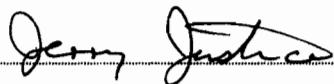
Ladder at Form scaffolding was found to be secured to prevent movement. Three feet of ladder extended above the scaffold platform. The ladder was found to be in good condition.

REMARKS

(Instructions received, miscellaneous remarks)

No work is scheduled for Tuesday, February 28th, due to the MARDI GRAS holiday. Work will resume on Wednesday, March 1st. Weather permitting.

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.



Authorized Q C Representative

03/01/95

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

73

TO Area Engineer,
CELMN-CD-NO

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

DATE Friday
24 February 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 & 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 50°	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 1-9½ hrs	TOTAL 1-9½ hrs	LABOR
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FEET 0.90'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 2-18 hrs	SKILLED 11-77 hrs	LABORERS 8-65 hrs	TOTAL 21-160	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. - REINFORCED CONCRETE FLOODWALL
- b. Gill's Crane Service, Inc. - CUT-OFF EXISTING SHEET PILES; TEMPORARY FLOOD PROTECTION
- 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) Set forms, 3-bulb waterstops, chamfer strips, and poured concrete for East I-Wall Mono #151; Removed forms from East Mono #160; Cured East Mono's #158, #160 and #161 with wetted burlene; and Rubbed and patched surfaces of East Mono #160.
- b) Cut-off existing RZ-10 sheet piles at elev. +6.75' for temporary flood protection
- c) Con't trimming trees on P/S of the existing west levee between Mirabeau & Filmore Avenues.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground conditions on 13 & 17 Feb 95.
- 50% of days lost due to adverse weather/wet ground conditions on 14,15,16 & 20 Feb 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 Bayou Tree Service this date. See attached QCR Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 9.4%

PERCENT TIME ELAPSED: 32.9%

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.

TRIMMING TREES: 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 the removal of forms from East Mono #160. Checked and found no broken fractured fins and very few air bubble holes in the surfaces of East Mono #160. Observed finishers rubbing surfaces of East Mono #160 and patching bolt holes with dry-pack mortar as required. Checked and found alignment of forms set for East Mono #151 to be in accordance with plans. Checked and found chamfer strips set for the top of East Mono #151 to be set at elev. +14.40'(P/S) and +14.38'(F/S) as required. Found 3-Bulb waterstop satisfactorily secured in bulkheads for East Mono #151. Performed Pre-Placement Inspection on East Mono #151 prior to placing concrete this date (see attached LMN Form 1246). Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (see back of LMN Form 1246 for test results). Witnessed placement and vibrating of concrete into forms for East Mono #151 this date. Concrete is receiving adequate vibrations.

TEMPORARY FLOOD PROTECTION: Observed subcontractor (Gill) cutting off existing RZ-10 piles between approx. EB/L Sta's 109+20 and 109+80, at elev. +6.75 as required. Subcontractor attempted to pull and/or drive these piles with the V-5 Vibratory Hammer but to no avail.

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

The existing piles in this reach could neither be driven down to elev. +6.75' nor could they be pulled up the usual 3.25'. So contractor just cut them off at the required elev. of +6.75.

TREE TRIMMING: Observed subcontr. con't to trim existing trees that hang over the existing west levee, between WB/L Sta's 70+50 and 78+00.

NOTE: No "Verbal Instructions" were issued to Contractor this date.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Ace Fence Co. con't installing 6' wooden fence boards this date. Installed approx. 100 l.f. (600 board feet) this date, around the North Staging Area.

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



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

<u>GOVERNMENT PERSONNEL ON SITE</u>			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
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 flagmen equipped with orange vest and flags being used to direct traffic when concrete trucks were entering and leaving the jobsite.

No safety infractions were noted this date.

<u>INSPECTOR'S SIGNATURE</u>  ZANE D. BRYANT, JR.	<u>DATE</u> 01 MAR 95	<u>SUPERVISOR'S INITIALS</u> 	<u>DATE</u> 3/13/98
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FORM CHECK OUT FOR

 STRUCURES
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.
 DACW29-94-C-0079

MONOLITH EAST # 151 **LIFT NO.** one **ELEVATION** from 2.00 to 14.40 **DATE OF POUR** 2-24-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZAB</i>	2-24-95	1415
VERTICAL	✓	✓	✓	✓	✓	✓
ALIGNMENT	✓	✓	✓	✓	✓	✓
CLEANLINESS	✓	✓	✓	✓	✓	✓
B. CONCRETE PILING	N/A	✓	✓	N/A	N/A	N/A
ANGLE	"	✓	✓	"	"	"
HEADS	"	✓	✓	"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZAB</i>	2-24-95	1415
CLEANLINESS	✓	✓	✓	✓	✓	✓
WATERED	✓	✓	✓	✓	✓	✓
WATERJET (JOINT)	N/A	✓	✓	✓	✓	✓
D. STEEL REINFORCING	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZAB</i>	2-24-95	1420
VERTICAL	✓	✓	✓	✓	✓	✓
HORIZONTAL	✓	✓	✓	✓	✓	✓
SPACING	✓	✓	✓	✓	✓	✓
CLEARANCES	✓	✓	✓	✓	✓	✓
STEEL SCHEDULE	✓	✓	✓	✓	✓	✓
SHOP DRAWINGS	✓	✓	✓	✓	✓	✓
TIE WIRES	✓	✓	✓	✓	✓	✓
#6 BAR WELDED	✓	✓	✓	✓	✓	✓
CLEANLINESS	✓	✓	✓	✓	✓	✓
WATERED	✓	✓	✓	✓	✓	✓
E. FORMWORK	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZAB</i>	2-24-95	1420
CONDITION	✓	✓	✓	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZJB</i>	2-24-95	1425			
CLEANLINESS	✓	✓	✓	✓	✓	✓			
RELEASING AGENT	✓	✓	✓	✓	✓	✓			
TIES AND BOLTS	✓	✓	✓	✓	✓	✓			
LENGTH 28.88'	✓	✓	✓	✓	✓	✓			
WIDTH 1.75' to 1.00'	✓	✓	✓	✓	✓	✓			
HEIGHT 12.40'	✓	✓	✓	✓	✓	✓			
WATERSTOPS	✓	✓	✓	✓	✓	✓			
CHAMFER STRIPS	✓	✓	✓	✓	✓	✓			
F. WEATHER PROTECTION	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZJB</i>	2-24-95	1425			
G. SAFETY (LIST)	<i>Jim Justice</i>	2-24-95	2:15 PM	<i>ZJB</i>	2-24-95	1425			
1. LADDERS & SCAFFOLDS	✓	✓	✓	✓	✓	✓			
2. SAFETY GLASSES	✓	✓	✓	✓	✓	✓			
3. Rubber Gloves	✓	✓	✓	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	2-24-95	2:15 PM						
Expansion Material	None This Pour	✓	✓						
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Mantis 3612	1	Crane	14:30						
Concrete Bucket	1	1 1/2 c.y.	14:30						
Concrete Vibrators	2	18' and 12'	14:30						
J. REMARKS	SLUMP = 5" & 4 1/2" ; AIR ENTR. = 5.25% & 5.0% ; CONCRETE TEMPS = 71° & 70° ; AIR TEMPS = 71° & 71° ; 3 Test Cylinders (LA-08) FINAL CLEARANCE								
CONTRACTOR REPRS:					C.O.E. REPRS:				
<i>Jerry M. Justice</i>					<i>Zarell 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: 02/24/95

REPORT NO.: 101

SKIES: Clear - Pt. Cloudy RAIN: 0 IN: TEMP: 50 MIN. 78 MAX.

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: 0.9 NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - (East Bank) Carpenter crew wrecked Forms off of I-Wall Monolith #160, then cleaned and oiled these Forms. Set land side Form at Monolith #151 (canal side Form set previously) braced off, plumbed, aligned, set bulkheads, waterstop, chamfer strips, and tie-bolts. Poured Concrete at I-Wall Monolith #151 today at 2:30 PM. Cement finishers patched and rubbed Concrete at I-Wall Monolith #160, and worked on I-Wall Form for tapered fractured fin (Monolith #155). Laborers wet down burlene and Concrete walls at Monoliths #160, #158, and #161 throughout the day today. Operator worked on Temporary Access Roads and entrance ramps at Mirabeau Avenue, East and West side.

GILL'S CRANE SERVICE - (East Bank) Cut off existing Frodingham Sheet Piling at elevation 6.75 for Temporary Flood Protection from Station 109+80 to Station 109+20. Efforts to pull these piling up with the Vibratory Hammer were not unsuccessfull. These existing Sheet Piling will be cut off 6" below F.G. (or driven down to 6" below F.G.) upon completion of the I-Wall.

BAYOU TREE SERVICE - Continued trimming tree branches on the West Bank from Mirabeau towards Filmore. Still not finished with all tree trimming.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	58	B & K	Wrecking, cleaning, & setting I-
6	Skilled	45	"	Wall Forms; pouring I-Wall Con-
1	Supt.	9	"	crete; patching I-Wall Concrete.
1	Q.C. Rep.	9	"	(See locations above.)
2	Skilled	14	GILL'S CRANE	Cutting off existing Sheet Piling
1	Unskilled	7	"	for Temporary Flood Protection.
				(See locations above.)
3	Skilled	18	BAYOU TREE	Trimming trees. (See locations ↑)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	Yes	2	6	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	Yes	2	6	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 200 Excavator 2	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	No	8	0	-

TESTS PERFORMED
(as required by plans/specifications)

DELTA TESTING - performed vibration monitoring on the East Bank near Station 110+00. Results are furnished only to the Orleans Levee Board. Testing was also performed by DELTA on I-Wall Concrete. The Slumps today measured 5" and 4 1/2", and air entrainment measured 5.25% and 5.0%.

MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at I-Wall Monolith #151 on the East Bank today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

ACE FENCE COMPANY - installed approximately 100' of 6' wooden privacy fence at the Staging Area on Pratt Dr. today. Also installed approx. 250' of nailing strips on existing chain link fence.

Inspected the Reinforced Concrete Floodwall work performed today. I-Wall Forms were cleaned, oiled, and set to proper alignment using a 2.5' offset line (from C/L of I-Wall). Resteel clearances were checked, and no Re-Steel was less than 2" away from the Form surface. Waterstops were installed at the C/L of the Wall, and extended from 6" below top of Wall elevation to 3" above bottom of Wall elevation. LMN Form 1246 was completed prior to the Concrete placement as required.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked the scaffold and ladder at Monolith #151 poured today. Hand rails & toe boards were in place and in good condition. Walk boards were 2"x12" treated pine, also in good condition. Fiberglass ladder extended 3' above the platform, and was secured to the scaffold to prevent movement.

REMARKS
(Instructions received, miscellaneous remarks)

We plan to work a skeleton crew Saturday (02/25/95) wrecking Monolith #151, wetting down I-Walls being cured, and setting up oil drum racks in the containment dike at the B & K yard on Robert E. Lee and Pratt Dr.

I certify to the best of my 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.


Authorized Q C Representative

02/27/95

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

72

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
23 February 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 & 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 52°	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 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 0.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-18 hrs	SKILLED 11-98 hrs	LABORERS 8-78 hrs	TOTAL 21-194	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. - REINFORCED CONCRETE FLOODWALL
- b. Gill's Crane Service, Inc. - CUT OFF EXISTING SHEET PILES; TEMPORARY FLOOD PROTECTION
- c. 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) Removed forms from East Mono #158; Set forms & chamfer strips for East Mono #160; Poured concrete for East Mono #160; and Rubber and patched on East Monos #158 & #161.
- b) Pulled existing piles up 3.25' between EB/L Sta's 109+80 & 110+30; Cut off existing piles at elev. +6.75 between EB/L Sta's 109+80 & 110+35.
- c) Trimmed existing trees on P/S of existing west levee between Mirabeau Ave. & Filmore Ave.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 13 & 17 Feb 95.
50% of days lost due to adverse weather/wet ground conditions on 14,15,16 & 20 Feb 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 Bayou Tree this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 9.3%

PERCENT TIME ELAPSED: 32.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OFF EXISTING SHEET PILES: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

TREE TRIMMING: 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: Observed the removal of forms from East Mono #158 this date. Noted few air bubbles, no honeycombs, and no broken fractured fins. Observed finishers rubbing surfaces of East Mono's #158 & #161. Checked and found forms set for East Mono #160 to true to line and grades this date. Witnessed the placement and vibrating of concrete into forms from East Mono #160 this date. Concrete receiving adequate vibrations. Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (LA-08). See back of LMN Form 1246 for concrete test results. Performed Pre-Placement Inspection on East Mono #160 prior to concrete placement this date (see attached LMN Form 1246). Checked and found top chamfer strips (3/4") set at elev's +14.40'(P/S) and +14.38'(F/S) as required.

TEMPORARY FLOOD PROTECTION: Observed subcontractor pulling existing RZ-10 piles up approx. 3.25' between approx. EB/L Sta's 109+80 and 110+30, then cutting them off at approx. elev. +6.75 for temporary flood protection between approx. EB/L Sta's 109+90 and 110+35.

TREE TRIMMING: Noted that Bayou Tree Service had continued trimming trees on the P/S of the West levee, between approx. WB/L Sta's 70+50 and 78+00, within R/W as required for const.

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: CQC Rep., M. Tassin informed QAR, Z. Bryant this date, that B&K and all subcontractors do not intend to work Tues. , 28 Feb 95, in observance of Mardi Gras Day.

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 ladder properly secured to I-Wall Form scaffolds and extending 3' above the landing as required.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 27 FEB 95	SUPERVISOR'S INITIALS 	DATE 3/13/95
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FORM CHECK OUT FOR

 STRUCTURES
 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 # 160

ONE

from 2.00 to 14.40

2-23-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justis</i>	2-23-95	3:00PM	<i>ZAB</i>	2-23-95 15:10	15:10
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justis</i>	2-23	3:00	<i>ZAB</i>	2-23-95	15:10
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	✓	✓	✓
D. STEEL REINFORCING	<i>Jim Justis</i>	2-23	3:00	<i>ZAB</i>	2-23-95	15:10
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jim Justis</i>	2-23	3:00	<i>ZAB</i>	2-23-95	15:10
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jim Justice</i>	2-23-95	3:00 PM	<i>ZJB</i>	2-23-95	1515		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84'	✓	"	"	✓	✓	✓		
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jim Justice</i>	2-23	3:06	<i>ZJB</i>	2-23-95	1515		
G. SAFETY (LIST)	<i>Jim Justice</i>	2-23	3:00	<i>ZJB</i>	2-23-95	1515		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Rigging Check	✓	"	"	✓	✓	✓		
3. Scaffold & Ladder	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jim Justice</i>	2-23-95	3:00 PM	<i>ZJB</i>	2-23-95	1515		
Expansion Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Manj's 3612	1	Crane	3:35	2				
Concrete Bucket	1	1 1/2 C.Y.	3:35	2				
Concrete Vibrators	2	18' + 12'	3:35	2				
J. REMARKS	SLUMP = 6" and 4 1/4" ; AIR ENTR. = 4.9% and 5.1% ; CONCRETE TEMPS = 79° and 79° ; AIR TEMPS = 72° and 72° ; 3 Test Cylinders (LA-07)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M. Justice</i>				C.O.E. REPRS: <i>Zane L. Dupont</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: 02/23/95

REPORT NO.: 100

SKIES: Pt. Cloudy

RAIN: 0 IN. TEMP.: 52 MIN 77 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE:(0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters wrecked I-Wall Forms at East Bank Monolith #158 at 11:30 AM. Cleaned, oiled, and then set these Forms at I-Wall Monolith #160. Braced off, aligned, plumbed, set Chamfer Strip at top of Wall grade, and then poured Concrete at Monolith #160 at 3:30 PM. Worked on I-Wall Forms for the tapered Fractured Fin Monolith #155. Cement Finishers patched and rubbed I-Wall Monolith #158 and #160. Finished building Containment Dike & drum racks for oil drums, & cleaned up trash in the yard.

GILL'S CRANE SERVICE - Pulled up existing Sheet Piling (East Bank) approximately 3.25' from Station 110+30 to Station 109+90, then cut these Sheet Piling off at elevation 6.75 for Temporary Flood Protection from Station 110+35 to Station 109+80.

BAYOU TREE SERVICE - Trimmed trees on the West Bank between Mirabeau Avenue and Filmore Avenue. Approximately 1/2 of the trimming work was completed in this reach. BAYOU TREE SERVICE will return tomorrow and continue.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	70	B & K	Wrecking I-Wall Forms; setting I-
6	Skilled	58	"	Wall Concrete; patching & rubbing
1	Supt.	10	"	I-Wall Monoliths; curing I-Wall
1	Q.C. Rep.	8	"	Concrete.
2	Skilled	16	GILL'S CRANE	Temporary Flood Protection. (See
1	Unskilled	8	"	locations above.)
3	Skilled	24	ARCADIA REBR	Tree trimming limbs. (See location
				above.)

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	Yes
Kubota 151 Excavator	-	Yes	2	6	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	6	2	-
Mantis 3612 Crane	-	Yes	2	6	-
Komatsu 200 Excavator 2	-	NO	0	8	-

TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - performed vibration monitoring adjacent to Sheet Pile pulling operations on the East Bank today. These test results are furnished only to the Levee Board.

DELTA TESTING also performed Concrete testing on I-Wall Concrete placed at Monolith #160 today. (East Bank) The DELTA technician neglected to furnish us with a copy of these test results before leaving the jobsite today.

MATERIALS RECEIVED

Received 18 cubic yards of Concrete Mix #44 from LAFARGE CONCRETE today, and placed this material at Monolith #160 (East Bank) today. The required batch weight information was supplied with each delivery truck.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

ACE FENCE COMPANY - returned to continue installing the Wooden Privacy Fence at the Robert E. Lee & Pratt Dr. Staging Area. They completed approximately 150 l.f. of the 6" high fence today. The work done today was of good quality, as were the materials used.

Inspected the Temporary Flood Protection work done today. Elevation was controlled at +6.75 by a chalk line popped on the existing Sheet Piles. No gaps, breaks, or cuts were observed below elevation +6.75.

Reinforced Concrete Floodwall work was also inspected. The required checklist was completed prior to Concrete placement. Placing methods conformed to the requirements set forth in the Contract Specifications Section C3D, Paragraph 11.

JOB SAFETY
(Note inspection, violations/actions taken)

Inspected Fire Extinguishers on equipment. Noted two extinguishers that needed refilling, recharging of these Fire Extinguishers was accomplished on site by Gulf Coast Fire & Safety today.

Checked workers for Eye Protection at Concrete placing and finishing work. Safety Glasses were provided for workers, and worn by all personnel during these operations.

REMARKS
(Instructions received, miscellaneous remarks)

We plan to pour one I-Wall Monolith tomorrow at 1:30 PM weather permitting.. No work is scheduled for Saturday or Sunday, or on Tuesday 02/28/95 in observance of MARDI GRAS.

I certify to the best of my 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.


Authorized Q C Representative

02/24/95

Date

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
71

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

DATE
Wednesday
22 February 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 & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
50°	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	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-11 hrs	1-11 hrs	

Canal RIVER STAGE

FEET	TIME
0.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-20 hrs	9-84 hrs	7-65 hrs	18-169

NUMBER OF SHIFTS

1 2 3

FROM	TO	FROM	TO	FROM	TO
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
- b. Gill's Crane Service, Inc. - CUT OFF EXISTING SHEET PILES; TEMPORARY FLOOD PROTECTION
- c. Arcadia Rebar, Inc. - SETTING & TYING RESTEEL

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) Formed and poured concrete for East Mono #158; Curing with wetted burlene on East Mono's #153 & #161; Rubbing surfaces on East Mono #161.
- b) Pulling existing RZ-10 piles up between EB/L Sta's 110+30 & 110+95, then cutting them off at elev. +6.75' between EB/L Sta's 110+35 & 111+25.
- c) Tied resteel for wall stem section of East Mono #158 and extra wall stem mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 13 & 17 Feb 95.
50% of days lost due to adverse weather/wet ground conditions on 14,15,16 & 20 Feb 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 Reports for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 9.2%
PERCENT TIME ELAPSED: 32.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OF EXISTING SHEET PILES: No instructions issued.

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 QCC ACTIVITIES

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

REINFORCED CONCRETE FLOODWALL: Checked alignment of forms set for East Mono #158 this date, and for them to be in accordance with project plans. Checked and found chamfer strips for top of I-Wall at Mono #158 set at elev. +14.42' on P/S and at elev. +14.40' on F/S, which is approx. 1/4" above grade (done at Contractor's option). Performed Pre-Placement Inspection on East Mono #158 (see attached LMN Form 1246). Checked and found burlene on Mono's #153 & #161 to be thoroughly wet for curing. Witnessed placement and vibrations of concrete into forms for East Mono #158 this date. Found concrete being placed in approx. 18" lifts and thoroughly vibrated as required. Witnessed Rep. from Delta Testing testing and sampling concrete used this date (see back of LMN Form 1246 for test results).

CUTTING OFF EXISTING SHEET PILES & TEMPORARY FLOOD PROTECTION: Observed subcontractor pulling up existing RZ-10 sheet piles approx. 3.25' between approx. EB/L Sta's 110+30 & 110+95, then cutting them off at approx. elev. +6.75 for temporary flood protection, between approx. EB/L Sta's 110+35 & 111+25. All cut-off piles were stacked for later removal from site.

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: Ace Fence Co. began installation of the 6' Wooden Privacy Fence for the north, south, and west sides of the North Staging Area, located between Robert E. Lee Blvd. and Leon C. Simon Blvd., and along the east side of Pratt Drive.

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	10 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 Cherry Picker this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 24 Feb 95	SUPERVISOR'S INITIALS 	DATE 3/13/95
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FORM CHECK OUT FOR

 STRUC ES 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

158

LIFT NO.

one

ELEVATION

from 2.00 to 14.40

DATE OF POUR

2-22-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Imjustice</i>	2-22-95	2:00PM	<i>ZAB</i>	2-22-95	1410
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	<i>Imjustice</i>	2-22-95	2:00PM	<i>ZAB</i>	2-22-95	1410
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Imjustice</i>	2-22-95	2:00PM	<i>ZAB</i>	2-22-95	1410
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Imjustice</i>	2-22-95	2:00PM	<i>ZAB</i>	2-22-95	1415
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jim Justice	2-22-95	2:00 PM	ZAB	2-22-95	1415		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84	✓	"	"	✓	✓	✓		
WIDTH 1.75' to 2.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jim Justice	2-22-95	2:00 PM	ZAB	2-22-95	1415		
G. SAFETY (LIST)	Jim Justice	2-22-95	2:00 PM	ZAB	2-22-95	1420		
1. Eye Protection	"	"	"	✓	✓	✓		
2. Scaffold & Ladder	"	"	"	✓	✓	✓		
3. Rigging Check	"	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jim Justice			ZAB	2-22-95	1420		
Expansion Material	Jim Justice	2-22-95	2:00 PM	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	3:30	2:00				
Concrete Bucket	1	1 1/2 c.y.	3:30	2:00				
Concrete Vibrators	2	18' and 12'	3:30	2:00				
J. REMARKS	SLUMP = 4" & 3 3/4" ; AIR ENTR. = 8 & 7% ; CONCRETE TEMPS = 65° & 60° ; AIR TEMPS = 65° & 58° ; 3 Test Cylinders (LA-06)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jim 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: 02/22/95

REPORT NO.: 99

SKIES: Clear

RAIN: 0 IN. TEMP.: 50 MIN 76 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters completed forming I-Wall Monolith #158 (East Bank); then poured this Monolith at 3:30 PM today. Worked on I-Wall Forms for tapered Fractured Fin Monolith (#155). Cement Finishers patched & rubbed I-Wall Monolith #161, and helped pour and finish Concrete at Monolith #158. Also installed expansion material at the ends of the Concrete I-Wall Monoliths previously poured. Laborers wet down Wall & Burlene at Monolith #161 and #153 periodically today. Operators graded the Temporary Access Road on the East Bank (Robert E. Lee to Pumping Station #4), and worked on Temporary Access Road entrances at Mirabeau Avenue.

GILL'S CRANE SERVICE - East Bank - Pulled up existing Frodingham Sheet Piles from Station 110+95 to 110+30. (up approximately 3.25') then cut these same Piling off at elevation 6.75 for Temporary Flood Protection from Station 111+25 to Station 110+35.

ARCADIA REBAR - Tied Wall Steel in place at I-Wall Monolith #158. Tied two more Wall Steel Curtains on the Levee to be placed at a later date.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	65	B & K	Forming & pouring Concrete I-Wall;
5	Skilled	56	"	Curing I-Wall Concrete; Patching &
1	Supt.	10	"	rubbing Walls; Working on Wall
1	Q.C. Rep.	10	"	Forms; working on Temporary Access
				Roads. (See locations above.)
2	Skilled	16	GILL'S CRANE	Pulling & cutting up existing Sheet
				Piles. (See locations above.)
2	Skilled	12	ARCADIA REBR	Tying Reinforcing Steel for I-Wall.
				(See locations above.)

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	-	Yes	3	5	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane		Yes	8	0	
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	DEP	Yes	2	6	-
Fiat-Allis MotorGrader	-	Yes	3	5	-
Mantis 3612 Crane	-	Yes	5	3	-
Komatsu 200 Excavator 2	ARR	No	0	8	-

TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - performed Concrete testing on the material received from LAFARGE CONCRETE today. Slumps were taken on both trucks, and results were 2 1/2" and 3 1/2" Slumps. Air Content was also checked on one truck, and the Air Content was 7.0%. (DELTA had a problem with their Air Meter.)

MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at I-Wall Monolith #158 on the East Bank. Batch weights were supplied with each truck as required by the Government.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

ACE FENCE COMPANY began installing the Wooden Privacy Fencing at the Robert E. Lee Blvd. and Pratt Dr. Staging Area. Completed approximately 73 l.f. of the fencing of the Compound Area. The materials and workmanship were both of acceptable quality.

Checked the Reinforcing Steel, Formwork, Waterstops, Expansion Joints, Chamfer Strips of Monolith #158 today (East Bank), and completed the required Form Checklist (LMN #1246). The top of the I-Wall when first checked varied from 11 5/8" to 11 7/8" wide. Carpenters used wooden spreader blocks to open the Wall up to the proper 12" width before placing Concrete.

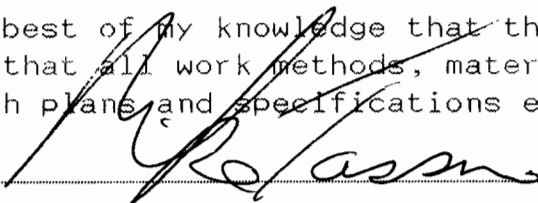
JOB SAFETY
(Note inspection, violations/actions taken)

Checked Rigging used to lift Forms and Concrete Bucket. All Slings, Shackles, Hooks, and Lifting Eyes were found to be in good condition. Checked Scaffold used to pour Concrete at the I-Wall Monolith #158. Brackets and Walkboards were sound & secured to prevent movement. Handrails and Toe Boards were properly installed. A ladder was placed at one end of the Scaffold and tied in place.

REMARKS
(Instructions received, miscellaneous remarks)

The leaking Water Line at the Robert E. Lee Blvd. Bridge was reported to the New Orleans Sewerage and Water Board in November of 1994, and again today. B & K CONSTRUCTION wants to make it clear that our operations did not cause this water leak, and the leak existed prior to the beginning of our contract.

I certify to the best of my 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.


Authorized Q C Representative

02/23/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

70

TO Area Engineer,
CELMN-CD-NO

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

DATE Friday thru Tuesday
17 thru 21 February 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
See attached CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 0/	BORROW EXCAVATION 0/	EMBANKMENT 0/	CONCRETE 0/	STRUCTURE 0/
0/0/50/100%	0/0/50/100%	0/0/50/100%	0/0/50/100%	0/0/50/100%

MINIMUM	MAXIMUM
48°	79°

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
2.60"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
1-4 hrs			1-8 hrs	2-12 hrs		1.50'	0800 M
						to 0.50'	

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-52½ hrs	9-144 hrs	9-149 hrs	20-345½	0730 M	1800M	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
- b. Gill's Crane Service - CUTTING OFF EXISTING SHEET PILES; TEMPORARY FLOOD PROTECTION
- c. Arcadia Rebar, Inc. - TYING RESTEEL

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) Poured East I-Wall Mono #161; Set forms, 3-Bulb Waterstops, and chamfer strips for East Mono's #161 and #158; Removed forms from East Mono #161; Curing with wet burlene, Mono's #161 and #153
- b) Cutt of existing sheet piles for temp. flood protection, EB/L Sta's 111+25 to 111+92
- c) tied resteel for East Mono #158

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 13 & 17 Feb 95.
50% of days lost due to adverse weather/wet ground conditions on 14,15,16 & 20 Feb 95.

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

No progressive work was performed during the period of 17 thru 19 Feb 95. However, progressive work was scheduled and performed on 20 & 21 Feb 95. See attached CQC Reports for details of work performed during this period.

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 9.1%
PERCENT TIME ELAPSED: 32.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- The following CQC Inspection Phases were attended on Tue., 21 Feb 95:
- REINFORCED CONCRETE FLOODWALL: See "Verbal Instructions" on back of this Report.
- CUTTING OFF OF EXISTING SHEET PILES: No instructions issued.
- TEMPORARY FLOOD PROTECTION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.

NOTE: No CQC Inspection Phases were attended during the period of 17 thru 20 Feb 95, due to Gov't Rep. not being notified prior to progressive work being performed especially on Mon., 20 Feb 95.

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 on Tue., 21 Feb 95:

REINFORCED CONCRETE FLOODWALL: Checked and found Contr. had placed concrete for East I-Wall Mono #161 on Mon., 20 Feb 95. Checked and found forms were set true to alignment & grades for East Mono's #161 and #158 this date. Noted that contr is continuing to wet cure East Mono's #153 and #161 with wetted burlene. Observed removal of forms from East Mono #161 this date, and noted several minor air bubbles in surfaces, but no major surface defects were noted. Observed finishers rubbing surfaces of East Mono's #159 and #161, also patching all tie-rod holes with a dry-pack mortar in East Mono #161. Checked top elev. of East Mono #161 with CQC Rep. and found it to be at approx. elev. +14.40' as required.

TEMPORARY FLOOD PROTECTION: Observed subcontr. pulling existing RZ-10 piles up approx. 3.25' between approx. EB/L Sta's 110+95 & 111+70, then cutting them off at approx. elev. +6.75' for temporary flood protection between approx. EB/L Sta's 111+25 & 111+92.

RESTEEL INSTALLATION: Observed subcontr. setting and tying all required resteel for the wall stem section of East Mono #158 this date. Subcontr. also tied an extra set of wall stem steel.

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

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

On Tue., 21 Feb 95, QAR, Z. Bryant in accordance with PE, C. Wagner, instructed CQC Rep's M. Tassin and J. Justice that they must notify the Gov't Rep. sufficiently in advance of placing concrete for I-Wall construction, so that the QAR can perform all required QA Inspections. Also informed CQC Rep's that a Gov't Rep. must witness all concrete placement and testing, unless so waived by a Gov't Rep. for each individual concrete placement. Both CQC Rep's agreed to concur with these instructions. Mr. Tassin also mentioned that he did try to notify Mr. Wagner on Mon., 20 Feb 95, but then realized that it was a Government Holiday when no one could be reach.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Photographers from National Geographic were on site on Tue., 21 Feb 95, to film for a possible feature on the New Orleans Area Flood Protection System.

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

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


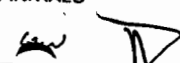
GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	4 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs. (Tue)	QAR

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

On Tue., 21 Feb 95, checked a chain-link sling with 2 metal hooks, being used to shift the vibratory hammer around on the existing levee. Checked links and hooks for elongation and cracks. No elongation noted, however, did notice that one hook had a hair-line crack and the spring loaded safety latches were missing. Instructed Contractor to immediately stop using this sling. Contractor did concur immediately.

Contractor held Weekly Safety Meeting on Mon., 20 Feb 95. See attached minutes.

INSPECTOR'S SIGNATURE  LANE D. BRYANT, JR.	DATE 22 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/21/95
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DATE: 2-27-98

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:

Observed contractor personnel setting T-wall forms & tying rebar for future concrete placement. Finishers continuing to rub & patch walls. All personnel on site wearing hard hats, & safety shoes.

Instructions to COC/Remarks:

Personnel from National Geographic were on-site to film some of the work being performed.

Chunf Hagen

Name

Proj Engr

Title

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

DATE: 02/21/95

REPORT NO.: 98

SKIES: Clear

RAIN: 0 IN. TEMP.: 50 MIN 78 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - (East Bank) Wrecked I-Wall Forms at Monolith #161, cleaned and oiled these Forms, then removed the Bulkheads and set these Forms at Monolith #158 (to fill in between two completed Walls). Placed Burlene Blanket over Monolith #161 and wet down Burlene and Concrete Wall. Cement Finishers patched & rubbed Concrete surfaces on Monolith #161 and #159 today. Laborers worked on Containment Dike for 55 gallon drums in the Staging Area. Survey Crew took measurements and elevation shots on the West Bank from Mirabeau to Filmore at the request of H.B. Kenyon.

GILL'S CRANE SERVICE - Pulled up existing Frodingham Sheet Piling approximately 3.25' from Station 111+70 to Station 110+95. Then cut these Piling off at elevation 6.75 for Temporary Flood Protection from Station 111+92 to Station 111+25.

ARCADIA REBAR - (East Bank) Tied Reinforcing Steel in place at I-Wall Monolith #158 (Wall Curtain only; bottom Steel tied previously). Also tied one Re-Steel Wall Curtain on the Levee for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	63	B & K	Wrecking I-Wall Forms; setting I-Wall Forms; curing Concrete I-Wall; patching & rubbing Concrete I-Wall.
5	Skilled	45	"	
1	Supt.	10	"	
1	Q.C. Rep.	9	"	
2	Skilled	16	GILL'S CRANE	Pulling up and cutting off existing Sheet Piling for Temporary Flood Protection. (See locations above.)
1	Unskilled	8	"	
2	Skilled	6	ARCADIA REBR	Tying Reinforcing Steel for I-Wall (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	3	5	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	6	2	-

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

None Received today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the re-inforcing steel work done today. The bottom vertical bars (#V-1) were #6 rebar spaced at 9" on centers or less, with the tails passed through holes cut in the new Sheet Piling and tied together. There were 82 of these bars (#V-1) in Monolith #158 spaced to miss Sheet Pile interlocks. The bottom horizontal bars (#H-2) were #5 rebar 28'-6" long, with 3" clearance below top of Wall elevation. Upper Wall horizontal bars (#H-3) were #4 rebar 28'-6" long, spaced at 12" on centers each face. The required U-Bars (#U-1, #U-2, and #U-3) were properly placed and tied, as well as the 5'-0" long horizontal #5 bars each face (#H-4) that go between the "H-2" horizontal bars. Plastic tipped bar supports were used to maintain proper clearances from the Forms.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked for Fire Extinguishers at the location of torch burning work today. One 20 pound ABC Fire Extinguisher, fully charged, was on hand in the Koehring 535 Crane. Workers using the torch were wearing proper burning goggles and leather gloves.

Checked lifting brackets on the I-Wall Forms, and tightened the mounting bolts and nuts.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant stated that the contractor must notify the Government Representative ahead of time so that all reinforced Concrete Floodwall work can be inspected properly. Also, placement of Concrete must be witnessed by a Government Representative, unless waived by the Government, for each individual I-Wall pour.

I certify to the best of my 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.


Authorized Q C Representative

02/22/95

Date

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

DATE: 02/20/95

REPORT NO.: 97

SKIES: Cloudy - Clearing RAIN: 0 IN. TEMP.: 58 MIN 79 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE:(0.6) NOISE: Moderate

WORK PERFORMED/LOCATION

02/18/95 Saturday - No work performed due to wet soil.
 Rainfall = 0.10".

02/19/95 Sunday - No work performed. Rainfall = 0.25".

02/20/95 Monday - B & K CONSTRUCTION - Carpenter Crew set the Land Side I-Wall Form at Monolith #161 East Bank, installed Bulkheads, Water-stops, Chamfer Strips, Tie-bolts, and Braces. Plumbed and aligned Forms, and added the top Chamfer Strip at elevation 14.40. Poured Concrete at I-Wall Monolith #161 (East Bank) at 3:00 PM today. Also wrecked Wall Forms off of Monolith #153 and covered with Burlene today. Laborers wet down Wall & Burlene, helped with Concrete forming in the Staging Area. One Bond Cable was installed at Monolith Joint #161-162 prior to I-Wall Concrete pour.

ARCADIA REBAR - Tied Re-Steel Wall Curtain in place at East Bank Monolith #161. Set bottom Steel and top Steel to correct clearances with bar supports. Tied bottom Steel at Monolith #158, and tied one Wall Curtain on the Levee, to be placed later.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	72	B & K	Setting I-Wall Forms; Repairing I-Wall Form (Fractured Fin Form Liner); Placing I-Wall Concrete; Curing I-Wall Concrete; Installing Bond Cable for Cathodic Protection.
5	Skilled	56	"	
1	Supt.	9	"	
1	Q.C. Rep.	10.5	"	
2	Skilled	16	ARCADIA REBR	Tying Re-Steel for new I-Wall. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	3	5	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	8	0	-

TESTS PERFORMED
(as required by plans/specifications)

DELTA TESTING - Performed Concrete testing today on I-Wall Concrete. slumps and Air Contents today were as follows: Slump = 2 1/2" and 3"; Air Content = 4.8% and 4.6%.

MATERIALS RECEIVED

Received 18 cubic yards of Concrete from LAFARGE today. (Mix #44) This material was placed in the new I-Wall Monolith #161, East Bank. The required batch amounts and weights were not sent out with the delivery truck as requested. I will again follow-up by contacting LAFARGE'S Quality Control Manager, B.J. Eckholdt tomorrow morning.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Reinforcing Steel work done today. Checked bar sizes, spacing, clearances, and ties. All work done today was correct according to approved Shop Drawings. The #6 Vertical bent bars ("V-1") at each end of the I-Wall Monoliths had to be set at 4 1/2" from the C/L of the Monolith Joint to avoid interference with the 3-Bulb Waterstop material. This will be typical for all Monoliths.

Inspected the Reinforced Concrete Floodwall work done today. The required Government Form #LMN 1246 was completed prior to Concrete placement. Elevation, alignment, & plumbness were controlled by the surveyor. All dimensions were within the allowable tolerances.

JOB SAFETY
(Note inspection, violations/actions taken)

The Weekly Safety Meeting was held today at the B & K trailer. The minutes are attached to this report.

The Mantis Crane was put on mats (on the Land Side only) due to soft soil after this weekend's rain. Safety Glasses were provided and worn by Concrete Placing Crew during Concete pour today.

The scaffold and ladders were checked before being used for the Concrete placement.

REMARKS
(Instructions received, miscellaneous remarks)

Supt. Mike Tassin attempted to contact the Government's representative at the N.O.A.O. today to inform them of the Concrete I-Wall pour scheduled for this afternoon. Mr. Tassin could not reach Mr. Chris Wagner or Mr. Dennis Duhon today due to the Federal worker's holiday.

I certify to the best of my 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.


Authorized Q C Representative

02/21/95

Date

FORM CHECK OUT FOR STRUCTURES
 REINFORCED CONCRETE FLOODWALL

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

MONOLITH # 161 LIFT NO. One ELEVATION from 2.00 to DATE OF POUR 2-20-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jm Justice</i>	2-20-95	2:00			
VERTICAL	✓	"	"			
ALIGNMENT	✓	"	"			
CLEANLINESS	✓	"	"			
B. CONCRETE PILING	N/A	"	"			
ANGLE	"	"	"			
HEADS	"	"	"			
C. STAB. SLAB/JOINTS	<i>Jm Justice</i>	2-20-95	2:00			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	"	"			
D. STEEL REINFORCING	<i>Jm Justice</i>	2-20-95	2:20			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	<i>Jm Justice</i>	2-20-95	2:20			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jim Justice</i>	2-20-95	2:20					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.88'	✓	"	"					
WIDTH 1.75' to 1.00'	✓	"	"					
HEIGHT 12.40'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	<i>Jim Justice</i>	2-20-95	2:20					
G. SAFETY (LIST)	<i>Jim Justice</i>	2-20-95	2:20 PM					
1. Safety Glasses	✓	"	"					
2. Check Rigging	✓	"	"					
3. Scaffold + Ladder	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB								
Expansion Material	- None This Pour -							
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	3:00	2:00				
Concrete Bucket	1	1 1/2 c.v.	"	"				
Concrete Vibrators	2	16' and 12'	"	"				
J. REMARKS	SLUMP = 2 1/2" + 3" ; AIR ENTR. = 4.8% + 4.6% CONCRETE TEMPS = 80° + 79° ; AIR TEMPS = 71° + 71° ; 3 Test Cylinders (LA-05) FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jim Justice</i>			C.O.E. REPRS:				
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.								

MINUTES OF SAFETY MEETING

DATE: 2-20-95

TIME: 7:00 AM

PROJECT: London Avenue Outfall Canal

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Steve Blome
Thomson
Kevin
Ed
Larry
Andy
Bryan

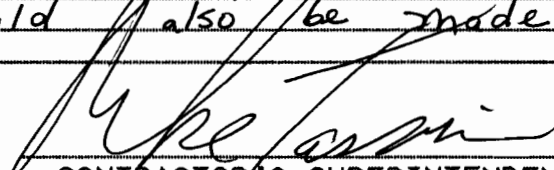
Gregory Jackson
William
Garry J. Lee
Raymond

TOPICS DISCUSSED:

Employees were instructed to pay attention to proper storage of materials in the work area. Walkways and scaffolds should be kept clear to avoid possible tripping hazards. Also discussed was the use of profanity on the levee. The employees were asked to refrain from using curse words, due to the close proximity of adjacent homes. The workers were also told not to attempt lifting heavy objects without getting help, and to ask for a machine to lift the object if necessary. Again, it is important to keep the work area clear of tripping hazards to reduce the risk of falling over or falling on loose materials.

COMMENTS:

The crew requested a few more stiff push brooms to help clean the streets. The operator of the Mantis Crane reminded all personnel who perform rigging work to check slings & cables before hooking them up to the crane. A check of rigging connections should also be made


CONTRACTOR'S SUPERINTENDENT

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

DATE: 02/17/95

REPORT NO.: 96

SKIES: Cloudy - Rain

RAIN: 2.5 IN. TEMP.: 48 MIN 62 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(1.5) NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to rain & wet soil on the Levee. Concrete pour scheduled for today was rescheduled for Monday - weather permitting.

Subcontractors BAYOU TREE SERVICE, ARCADIA REBAR, AND GILL'S CRANE SERVICE were all delayed today by the bad weather also.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	6	B & K	No work performed - due to heavy rainfall.
5	Skilled	5	"	
1	Supt.	8	"	
1	Q.C. Rep.	6	"	
0		0	BAYOU TREE	Not able to work - Levee too wet.
0		0	ARCADIA RBR	" " " "
0		0	GILL'S CRANE	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Silt Fencing along the East Bank at the present work area. No gaps or breaks in Silt Fence were noted. No signs of any Silt run-off onto Private Property was observed either.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked Safety Fence & Gates at Robert E. Lee Blvd. Fence was intact and gates were locked (as well as the offices & gates at the Staging Area on Robert E. Lee & Pratt Dr.).

REMARKS
(Instructions received, miscellaneous remarks)

No work possible tomorrow (Saturday) due to saturated soil on the Levee.

I certify to the best of my 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.


Authorized Q C Representative

02/20/95

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

69

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
16 February 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 & 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 65°	MAXIMUM 75°
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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
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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 2.00'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-20 hrs	SKILLED 5-50 hrs	LABORERS 7-70 hrs	TOTAL 14-140 hrs	FROM 0730 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 (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. Bayou Tree Service - TREE TRIMMING
- 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) Rubbed and patched on surfaces of East I-Wall Mono #157; Removed forms from East Mono #153; Curing East Mono's #153 and #159 with wetted burlene; Began setting F/S forms for East Mono's #149, #151 and #161.
- b) Attempted to begin trimming trees on West Levee, but ground was too wet.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 13 Feb 95.
50% of days lost due to adverse weather/wet ground conditions on 14, 15 & 16 Feb 95.

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

Minor progressive work was scheduled and performed by B&K this date, due to wet ground conditions, and anticipated rain.

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 9.0%
PERCENT TIME ELAPSED: 31.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions issued.
TREE TRIMMING: 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: Observed the removal of forms from East I-Wall Mono #153, and visually inspected surfaces and fins. Noted several small air bubbles (pin holes), but no major defects, and no broken fractured fins. Observed finishers continuing to rub surfaces of East Mono #157, and providing an adequate finish. Noted that East Mono's #153 and #157. were both covered with wetted burlene as required for curing. Observed B&K beginning to set F/S forms for East I-Wall Mono's #149, #151 and #161.

TREE TRIMMING: Observed Bayou Tree Service attempt to gain access on the West Levee at Mirabeau Ave.. However, due to wet ground conditions from previous rainfall contractor could not perform any work.

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: Concrete Test Cylinders (LA-05) that were molded by Delta Testing, Inc. on Wed., 15 Feb 95, for East Mono #153, were found to be damaged by contractor equipment this date. Therefore, no cylinders will be tested for this Mono.

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 back-up alarms working properly on the Case 580 Loader/Backhoe and the Kobelco 500 Loader this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 21 Feb 95	SUPERVISOR'S INITIALS 	DATE 2/23/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 02/16/95

REPORT NO.: 95

SKIES: Cloudy

RAIN: Trace IN. TEMP.: 65 MIN 75 MAX

DUST: None

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked Forms off of I-Wall Monolith #153 and covered same with soaked Burlene - Set Canal Side Forms for I-Wall Monolith #151, #149, and #161. (plumbed and braced each) Cement Finishers patched and rubbed I-Wall Monolith #157 filling small air bubble holes.

BAYOU TREE SERVICE - Tree trimmers attempted to access the job and start trimming trees on the West Bank of the Canal at Mirabeau St. But, wet site conditions caused their trucks to get stuck - so no work was done today there.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	70	B & K	Wrecking I-Wall Forms - Setting
5	Skilled	50	"	I-Wall Forms - Curing Concrete
1	Supt.	10	"	I-Wall - Patching I-Wall Concrete.
1	Q.C. Rep.	10	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	8	0	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	Yes	4	4	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	Yes	8	0	-

TESTS PERFORMED
(as required by plans/specifications)

Test cylinders taken for I-Wall Monolith #153 were damaged yesterday, and will not be able to be taken in today for testing.

MATERIALS RECEIVED

No materials received today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected I-Wall Monolith #157 and found it to be free from honey combs and excessive air bubble holes. Alignment of Forms was set using 2.5' offset from Centerline of I-Wall. Damaged Fractured Fin Forming that separated from the Formwork was cleaned, repaired, and re-installed before Forms were set.

JOB SAFETY
(Note inspection, violations/actions taken)

Workers were instructed to be cautious of wet Levee conditions and to not attempt to carry Pumps, Generators and other heavy items without help. All workers were wearing proper Hard Hats, Gloves, and Safety Glasses. The GFI protection on the Generator was tested and found to be operational.

REMARKS
(Instructions received, miscellaneous remarks)

The streets were cleaned more thoroughly along with the walkway across the Robert E. Lee. Bridge.

I certify to the best of my 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.


Authorized Q C Representative

02/17/95

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

68

TO Area Engineer,
CELMN-CD-NO

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

DATE Wednesday
15 February 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 & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
65°	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	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-2 hrs.			1-10 hrs	2-12 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
2-21 hrs	5-54 hrs	7-77 hrs	14-152	0700 M	1800 M	M	M	M	M

FROM	TO	FROM	TO	FROM	TO
M	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

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) Set L/S form, Bulkheads, 3-Bulb Waterstops, and Chamfer strips for East I-Wall Mono #153; Rubbed and repaired fractured fins on East I-Wall Mono #157; Moist Curing on East Mono's #157 and #159.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 13 Feb 95.
50% of days lost due to adverse weather/wet ground conditions on 14 & 15 Feb 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 this date. However, work was slow due to wet ground conditions from previous rainfalls. Ground conditions were too wet to allow Bayou Tree Service to trim trees on west levee this date.

PERCENT PROJECT COMPLETE: 9.0%

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT TIME ELAPSED: 31.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

QUALITY CONTROL: 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 alignment of forms for East I-Wall Mono #153 this date, and found to be true to line and grade. Performed Pre-Placement Inspection on East I-Wall Mono #153 as required (see attached LMN Form 1246). Found all OK. Observed placement and vibrating of concrete into forms for East I-Wall Mono #153, between approx. East B/L Sta's 116+53.32 and 116+82.19, between approx. elev's +2.00' and +14.40'. Concrete was receiving adequate vibrations. Witnessed Rep. from Delta Testing performing all required concrete testing and molding 3 test cylinders (see Remarks below for results). Checked and found that Mono's #157 and #159 were covered with wetted burlene as required for the moist curing of these monos. Inspected surfaces of East I-Wall Mono #159 this date after forms were removed. Noted that no fins were broken and flush surfaces had less air bubbles than Mono #157. Observed finishers rubbing surfaces and repairing broken fractured fins on East Mono #157, and packed tie-rod holes in Mono #159 with dry-pack mortar as required.

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:

CONCRETE TEST RESULTS: Slumps = 5½" & 6"; Air Entr.= 3.75% & 4.0%; Concrete Temps = 74° & 77°; Air Temps = 79° 78°. Delta Testing also molded 3 test cylinders (LA-05), which were accidently destroyed.

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. Egnr., GS-11	2 hrs.	PE
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 cement finishers wearing hard hats, rubber gloves, and eye protection this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 16 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/22/95
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FORM CHECK OUT FOR

STRU. JRES
 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 # 153

LIFT NO.: One

ELEVATION from 2.00 to 14.40

DATE OF POUR 2-15-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jim Justis	2-15-95	2:15	ZRB	2-15-95	1415
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	—	—	N/A	N/A	N/A
ANGLE	"	—	—	"	"	"
HEADS	"	—	—	"	"	"
C. STAB. SLAB/JOINTS	Jim Justis	2-15	2:15	ZRB	2-15-95	1415
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	—	—	N/A	N/A	N/A
D. STEEL REINFORCING	Jim Justis	2-15	2:15	ZRB	2-15-95	1420
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jim Justis	2-15	2:15	ZRB	2-15-95	1425
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jim Justice</i>	2-15-95	2:15	<i>ZPB</i>	2-15-95	1425		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.88'	✓	"	"	✓	✓	✓		
WIDTH 1.75' to 1.00'	✓	"	"	✓	✓	✓		
HEIGHT 12.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jim Justice</i>	2-15-95	2:15	<i>ZPB</i>	2-15-95	1430		
G. SAFETY (LIST)	<i>Jim Justice</i>	2-15-95	2:15	<i>ZPB</i>	2-15-95	1430		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Scaffold & Ladder	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB								
Expansion Material	None This Pour							
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	3:15	2				
Concrete Bucket	1	1 1/2 c.y.	3:15	2				
Concrete Vibrators	2	2 1/2" Head	3:15	2				
J. REMARKS	SLUMP = 5 1/2" & 6" ; AIR ENTR. = 3.75% & 4% ; CONCRETE TEMPS = 74° & 77° ; AIR TEMPS = 79° & 78° ; 3 Test Cylinders (LA-05)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry H. Justice</i>				C.O.E. REPRS: <i>Zane D. 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.								

DATE: 2-15-98

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed that previously placed I-walls were covered + wat with water for curing purposes. Observed concrete finishers rubbing + repairing I-wall using sand cement mixture. Also observed placement of concrete for Mono # 153. Observed laborers vibrating concrete when placed + witnessed air + slump tests. Slump was 5 1/2" + Air 3.75%. Slump was bit too high + will be checked to correct problem in the future.

Instructions to COC/Remarks:

N/A

Chunf Nagun
Name

Proj Engr
Title

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

DATE: 02/15/95

REPORT NO.: 94

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 65 MIN 70 MAX

DUST: None

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked Forms off of I-Wall Monolith #159, and set Burlene Blanket in place. Laborers kept the Burlene and Concrete surfaces wet throughout the day. Set Land Side Form, Waterstop, Bulk-heads, and Chamfer Strip on I-Wall Monolith #153. Braced off, aligned, & plumbed these Forms; then poured Concrete at Monolith #153 on the East Bank at 2:45 PM Laborers repaired the Silt Fence on the East Bank at Station 119+00. Cement finishers patched & rubbed I-Wall Monolith #157, filling small air bubble holes and repairing broken Fractured Fins.

Too wet for any Tree Trimming work that was planned today by BAYOU TREE SERVICE.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	77	B & K	Wrecking I-Wall Forms; Setting
5	Skilled	54	"	I-Wall Forms; Curing Concrete
1	Supt.	10	"	I-Wall; Repairing Silt Fence;
1	Q.C. Rep.	11	"	Patching I-Wall Concrete.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	5	3	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	Yes	4	4	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	8	2	-

TESTS PERFORMED
(as required by plans/specifications)

DELTA TESTING - Performed Concrete testing today on Ready-Mix Concrete from LAFARGE CONCRETE. This material was placed at I-Wall Monolith #153. Slumps taken today were 5 1/2" and 6"; Air Contents were 3.75% and 4.0%.

MATERIALS RECEIVED

Received 18 c.y. of Concrete Mix #44 from LAFARGE CONCRETE today. No water was added at the jobsite, however the Slumps were too high. LAFARGE CONCRETE'S Quality Control Manager was notified of this problem. Any future Concrete deliveries not within tolerance (Slump or air Content) will be rejected at the jobsite.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work performed today. Formwork Reinforcing Steel, Steel Piling, Stabilization Slab, Waterstop, and Chamfer Strips were all checked. The required Form checklist was completed and signed prior to Concrete placement at 2:45 PM. Forms were shimmed up to bottom elevation of 2.00, and then the top of Concrete Wall elevation was set, using a Surveyor's Level, at elevation 14.40. The top grade was set at 14.42 on the Land Side as required. Alignment of Forms was set using at 2.5' offset from Centerline of I-Wall. A Transit was then used to plumb the top of the Forms to proper alignment, and to make sure there was no movement of Forms after being set.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked workers for Steel Toe Boots, Hard Hats, and Eye Protection during today's Concrete pour. All employees were wearing proper personal protection at this time. Cement Finishers also wore Gloves for hand protection.

REMARKS
(Instructions received, miscellaneous remarks)

The Concrete Test Cylinders made today were accidentally damaged by the Komatsu 300 Excavator at approximately 5:30 PM. The operators were instructed to be aware of the Cylinder locations and stay clear of them in the future.

I certify to the best of my 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.


Authorized Q C Representative

02/16/95

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

67

TO Area Engineer,
CELMN-CD-NO

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

DATE Tuesday
14 February 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 & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
45°	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

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-2 hrs.			1-8 hrs	2-10 hrs	

Canal RIVER STAGE

FEET	TIME
1.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3-19½ hrs	5-42 hrs	7-52 hrs	15-113½

NUMBER OF SHIFTS

FROM		TO		FROM		TO		FROM		TO	
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. - REINFORCED CONCRETE FLOODWALL
- b. Bayou Tree Service - No work this date.
- 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) Completed setting forms, bulkheads, 3-Bulb Waterstops, and chamfer strips for East I-Wall Mono #159; Placed concrete for East I-Wall Mono #159
- b) Too wet to allow for tree trimming to be performed along the west levee.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 13 Feb 95.
50% of day lost due to adverse weather/wet ground conditions on 14 Feb 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 this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.9%
PERCENT TIME ELAPSED: 31.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions issued.
GENERAL HOUSEKEEPING: See "Verbal Instructions" on back of this report.
QUALITY CONTROL: 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 and found alignment of forms for East Mono #159 to be true to line and grade. Performed Pre-Placement Inspection on East Mono #159 as required (see attached LMN Form 1246). Observed placement and vibrating of concrete into I-Wall forms this date, for East I-Wall Mono #159, between approx. East B/L Sta's 118+15.70 & 118+44.56, and between approx. elevations +2.00' and +14.40'. Concrete was placed in approx. 12" to 18" lifts and properly vibrated. Witnessed Rep. from Delta Testing, Inc. molding 3 concrete test cylinders (LA-04) and performing required slump test, air entrainment test, and temperatures (see Remarks section below for results). Spot checked forms for movement with CQC Rep.

GENERAL HOUSEKEEPING: Checked and found contractor housekeeping of jobsite to be very good, with the exception of tracked mud onto adjacent R. E. Lee Blvd. (See Verbal Instructions).

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

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

QAR, Z. Bryant instructed CQC Rep., M. Tassin to have all dirt and debris cleaned off of adjacent R. E. Lee Blvd. and bridge by COB this date. Mr. Tassin stated that the adjacent streets and bridge would be cleaned by COB this date.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

CONCRETE TEST RESULTS: Slumps= 2 1/4" & 1"; Air Entr.= 4.5% & 5%; Air Temps= 67°; and Concrete Temps= 66° & 67°.

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	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 ladders to scaffolds properly secured and extending approx. 3' above the scaffold landing as required. Ladder was in very good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 15 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/22/95
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FORM CHECK OUT FOR

 STRUTURES REINFORCED CONCRETE FLOODWALLJOB 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 # 159

One

from 2.00 to 14.40

2-14-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jim Justice</i>	2-14-95	11:45	<i>ZRB</i>	2-14-95	12:10
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A			N/A	N/A	N/A
ANGLE	"			"	"	"
HEADS	"			"	"	"
C. STAB. SLAB/JOINTS	<i>Jim Justice</i>	2-14	11:45	<i>ZRB</i>	2-14-95	12:10
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A			N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jim Justice</i>	2-14	11:45	<i>ZRB</i>	2-14-95	12:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jim Justice</i>	2-14	11:45	<i>ZRB</i>	2-14-95	12:20
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>Jim Justice</i>	2-14	11:45	<i>ZB</i>	2-14-95	1220			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.88'	✓	"	"	✓	✓	✓			
WIDTH 1.75' → 1.00'	✓	"	"	✓	✓	✓			
HEIGHT 12.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	<i>Jim Justice</i>	2-14	11:45	<i>ZB</i>	2-14-95	1230			
G. SAFETY (LIST)	<i>Jim Justice</i>	2-14-95	11:45	<i>ZB</i>	2-14-95	1230			
1. Eye Protection	✓	"	"	✓	✓	✓			
2. Scaffold + Ladder	✓	"	"	✓	✓	✓			
3. Rigging check	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB									
Expansion Material	None This Pour	"	"						
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Mantis 3612	1	Crane	12:30	2 1/2					
1 1/2 c.y. Bucket	1		12:30	2 1/2					
Concrete Vibrators	2		12:30	2 1/2					
J. REMARKS	SLUMP = 2 1/4" & 1" ; AIR ENTR. = 4.5% & 5.0% ; CONCRETE TEMPS = 66° & 67° ; AIR TEMPS = 67° & 67° ; 3 Test Cylinders (LA-04)								
FINAL CLEARANCE									
CONTRACTOR REPRS: <i>Jerry Justice</i>				C.O.E. REPRS: <i>Zane Justice</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.									

DATE 2-14-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed the placement of
concrete for mass # 159. Concrete was being
well vibrated + survey controls used to check
possible form movement. Witnessed taking of
air + slump tests + making of 3 cylinders.
(See attached sheet for test results)

Instructions to COC/Remarks:

None given today.

Chunf Wagner Proj Engr
Name Title

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

DATE: 02/14/95

REPORT NO.: 93

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 45 MIN 65 MAX

DUST: None

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for any tree trimming work planned today (bucket truck could not travel on the Levee). Carpenters completed Formwork on I-Wall Monolith #159 (East Bank). Set Bulkheads, Land Side Panel, & Waterstop, then plumbed and aligned both Form Panels. Top of Wall grade was set, Chamfer Strip was added, and tie-bolts were installed. Scaffolds and handrails had to be installed on this set of Forms also. Concrete was placed at Monolith #159 (East Bank) from 12:30 to 3:00 PM today. Laborers flagged traffic, cleaned debris off of the sidewalk and streets, helped with concrete placement, and covered the fresh Concrete with Burlene before leaving.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	52	B & K	I-Wall Formwork; I-Wall Concrete placement; cleaning streets; Concrete curing & cleanup. (See locations above.
5	Skilled	42	"	
1	Supt.	9	"	
1	Q.C. Rep.	8.5	"	
1	Supt.	2	BAYOU TREE	Too wet for bucket truck - No work performed today.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	Yes
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	3	5	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	3	5	-
Mantis 3612 Crane	-	No	8	0	-

TESTS PERFORMED
(as required by plans/specifications)

DELTA TESTING performed Concrete Tests today. I-Wall Monolith #159 Concrete placement. Slumps taken today were 2 1/4" and 1"; Air Contents taken were 4.5% and 5.0%.

MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE today. This material was placed in I-Wall Monolith #159 (East Bank). Some difficulty was observed in attempts made to get a workable slump, while staying within the limits of allowable water to be added at the jobsite. LAFARGE CONCRETE will be contacted to try & correct this problem.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work performed today. The checklist (LMN Form #1246) was completed prior to placement of Concrete. No deficiencies were observed. Form alignment was monitored during the Concrete pour. Only minor adjustments (0.02') were needed, and once adjusted, the Forms did not move at all.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked scaffolding and ladders on I-Wall Forms. Ladder was secured at the top and bottom to prevent movement. 2"x12" scaffolding was set up on metal walkway brackets, with proper 2"x4" handrails & toe boards installed.

REMARKS
(Instructions received, miscellaneous remarks)

The streets were cleaned by the labor crew today, however some dirt remained. I will instruct the crew to do a more thorough job tomorrow, and from now on.

I certify to the best of my 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.


Authorized Q C Representative

02/13/95

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

66

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

DATE Sat., Sun. & Mon.
11, 12 & 13 February 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 with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
40°	52°

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
1.90"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
1.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-6 hrs	5-5 hrs	7-7 hrs	14-18 hrs	0700 M	1000 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 this period.
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.)

No progressive work was performed this date, due to wet ground conditions from previous rainfalls. No work was scheduled during the period of 11 & 12 Feb 95.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 13 Feb 95.

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

No progressive work was scheduled or performed on 11 & 12 Feb 95, and No progressive work was performed on Mon., 13 Feb 95, due to rain and wet ground conditions.

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 8.8%
PERCENT TIME ELAPSED: 31.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended during the period of 11 thru 13 Feb 95, due to no progressive 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 on 11 & 12 Feb 95, due to no work being scheduled or performed by contractors.

The following Follow-Up QA Inspection was performed on Mon., 13 Feb 95:

EROSION CONTROL: Checked silt fences along the L/S toe of the existing levee, between East B/L Sta's 103+00 and 119+00. No signs of silt penetrating through the filter fabric in this area. No signs of erosion noted 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


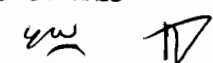
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs. (Mon)	QAR

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

Contractor held Weekly Safety Meeting at 0730 hrs. on Mon., 13 Feb 95. See attached minutes for topics discussed and personnel attending.

Noted all equipment secured on jobsite this date.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 14 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/21/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 02/13/95

REPORT NO.: 92

SKIES: Cloudy - Rain

RAIN: 0.3 IN. TEMP.: 40 MIN 52 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(1.5) NOISE: None

WORK PERFORMED/LOCATION

02/11/95 Saturday - No work performed. Rainfall = 1.5"

02/12/95 Sunday - No work performed. Rainfall = 0.1"

02/13/95 Monday - No work performed due to rain and wet soil. Workers were sent home after the weekly Safety Meeting was held at 07:30 AM.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	7	B & K	No work performed. "RAIN OUT"
5	Skilled	5	"	
1	Supt.	3	"	
1	Q.C. Rep.	3	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-
Mantis 3612 Crane	-	No	0	8	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

Received 24 pcs. of 2x6 Pine to be used for bulkhead material on I-Wall Forms.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the Fuel Dike at the Staging Area. The Dike was in good condition, with no breaks, gaps, or leaks in containment area.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked Safety Fence & gates at Robert E. Lee Blvd.; checked to see if equipment on the Levee was secure. Fence was in good condition, gates were locked, and all equipment was boomed down and locked up. No sign of vandalism or tampering was noted.

REMARKS
(Instructions received, miscellaneous remarks)

The Concrete steps at Mirabeau Avenue were removed to allow the Temporary Access Road ramp to be constructed. This set of steps was on the sidewalk at approximate Station 70+30, West Bank, and will be replaced at the end of our contract at no extra cost to the Government.

I certify to the best of my 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.


Authorized Q C Representative

02/13/95

Date

MINUTES OF SAFETY MEETING

DATE: 2-13-95

TIME: 7:30 AM

PROJECT: London Avenue Canal Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Bryan Verdun
Alison Brown
Kevin Duncanson
Wally Bellon
Lynn F. Lee
Cory Jackson

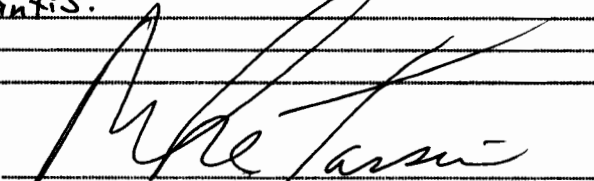
Cindy Evans
Zambogant (COE)
Greg Leonard
Mike Conway
Steve Thorne

TOPICS DISCUSSED:

Electrical extension cords and power tool cords and plugs should be inspected daily, and any defective cords or tools taken out of service. Bring defective cords + tools to the office trailer, and they will be repaired or replaced. Do not continue to use cords with insulation missing or cut. Never let electrical plug connections fall in standing water, or stand with your feet in water while using electrical tools. Check the Ground Fault Circuit Interrupter on the generator each day to make sure it is working properly.

COMMENTS:

The operator of the Mantis Crane asked that no one climb on or over the tracks of this machine. This crane has a blind spot on the left side, and the operator can not see persons on this side or at the rear of the Mantis.


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 65			
TO Area Engineer, CELMN-CD-NO			COPY TO: C/Const. Div. CELMN-CD			DATE Friday 10 February 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 & Mild			
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS						TEMPERATURE			
STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%	MINIMUM 56°	MAXIMUM 74°			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)						24 HOUR PRECIPITATION			
						INCHES Trace		ENDING 0730	
NUMBER OF GOVERNMENT EMPLOYEES						Canal RIVER STAGE			
SUPERVISORY 3-3 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 4-11 hrs	LABOR	FEET 0.50'	TIME 0800		
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3					
SUPERVISORY 2-18 hrs	SKILLED 6-43 hrs	LABORERS 7-56 hrs	TOTAL 15-117	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. <u>B & K Const. Co., Inc. - TEMPORARY ACCESS; REINFORCED CONCRETE FLOODWALL</u>									
b. <u>Arcadia Rebar, Inc. - RESTEEL INSTALLATION</u>									
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 for East Mono's #153 and #159; Began providing temporary access to the existing west levee at Mirabeau Ave. at approx. W. B/L Sta. 70+40±.									
b) Set bottom resteel for East I-Wall Mono's #145 and #147, and resteel for the wall stem sections of East I-Wall Mono's #153 and #159.									
Days of no work and reasons for same: No delays incurred so far this month due to adverse weather conditions.									
Information on progress of work, causes for delays and extent of delays, Plant, material, etc. 520									
Progressive work was scheduled and performed by B&K and Arcadia this date. See attached CQC Report for details. 5									
DATE SET FOR COMPLETION: <u>22 MAR 96</u>						PERCENT PROJECT COMPLETE: <u>8.8%</u>			
						PERCENT TIME ELAPSED: <u>30.5%</u>			
CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:									
Attended the following CQC Inspection Phases this date:									
<u>REINFORCED CONCRETE FLOODWALL</u> : No instructions issued.									
<u>TEMPORARY ACCESS</u> : See "Verbal Instructions" on reverse side of this report.									
<u>RESTEEL INSTALLATION</u> : 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: Observed B&K setting forms for East I-Wall Mono's #153 and #159 this date, between approx. East B/L Sta's 116+53.32 to 116+82.19 and 118+15.70 to 118+44.56, respectively. Bottom of forms set at elev. +2.00' and top of forms marked for chamfer strips at elev. +14.40' as required. Only F/S forms were set this date for the above mentioned I-Wall Mono's.

RESTEEL INSTALLATION: Observed rodbusters set required resteel for the bottom sections of East I-Wall Mono's #145 (East B/L Sta's 114+22.39 to 114+51.25) and #147 (East B/L Sta's 114+80.12 to 115+08.99). Also observed rodbusters setting required resteel to the wall stem sections of East I-Wall Mono's #153 and #159. All steel set in accordance with approved shop drawings.

TEMPORARY ACCESS: B&K began providing temporary access to the west levee at Mirabeau Ave. at approx. West B/L Sta. 70+40±, by partially removing the existing concrete steps and handrails on the L/S slope of the existing levee, then by placing 2-truck loads of crushed concrete. (See verbal instructions below)

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

At approx. 1330 hrs. this date, QAR, Z. Bryant noted that B&K personnel had removed the existing concrete steps and handrails from the L/S slope of the existing west levee at approx. West B/L Sta. 70+40±. QAR immediately informed CQC Rep. J. Justice that these steps and handrails were not indicated to be removed or disturbed. Therefore, B&K will be responsible for replacement of the above mentioned steps and handrails after work is completed in the adjacent area, at no additional cost to the Government. Mr. Justice agreed with QAR this date, and agreed to replace the above mentioned steps and handrails as soon as work is completed in this area.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: A meeting was held on the jobsite at approx. 1000 hrs. this date, to discuss the existing concrete caps that were placed in the adjacent London Ave. Canal along the east bank. Attending this meeting were all visitors and Government personnel indicated on this QA Report (see list below).

VISITORS: F. Vojkovich, D. Bonura, W. Baomy, A. DeSoto, E.R. Medina (OLB), F. Mineo (OLB), T. Roth, R. Chopin III (BKI), and A. Mehn (BKI).
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. ASHLEY	Area Engineer, GM-14	1 hr.	ACO
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Cosnt. 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 cables, slings and shackles being used to handle I-Wall forms this date, to be in very good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 13 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/20/95
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DATE: 2-10-88

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:

Observed laborers & carpenters setting wall forms for possible concrete placement in afternoon on Monday. Also noticed personnel trip restaurant on roads 145 + 147. All personnel wearing safety shoes, hat & gloves when performing work.

Instructions to COC/Remarks:

Held meeting @ jobsite with Engr Div & Local Board to discuss existing concrete sections in canal. Possible solutions discussed & actions are pending.

Chris Wagner Proj Engr
Name Title

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

DATE: 02/10/95

REPORT NO.: 91

SKIES: Cloudy

RAIN: Trace IN. TEMP.: 56 MIN 74 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE:(0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Operator removed steps at Mirabeau (West Side) to make access from Mirabeau Avenue possible. Laborer set posts, fence material, and geotextile along the edge of the entrance ramp being constructed here. Placed two truckloads of crushed Concrete at the Mirabeau West Access Road entrance ramp. Carpenters & Laborers moved the last two Wall Forms to the Levee from thhe Staging Area. Set one Wall Form at Monolith #159 and #153, then braced off, plumbed & aligned these two Flood Side panels. Bulkheads, Waterstop, and Land Side Forms will be set on Monday. One Wall is scheduled for Concrete placement on Monday at 12:00 PM. Laborers wrecked Forms off of the Stabilization Slab poured yesterday.

ARCADIA REBAR - Tied reinforcing Steel (bottoms only) at I-Wall Monoliths #145 and #147 on the East Bank. Set two Re-Steel Wall curtains in place and tied them complete at Monoliths #159 and #153. Tied two more Wall Curtains on the Levee, to be placed later.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	56	B & K	I-Wall Formwork; Working on Temporary Access Road ramp at Mirabeau Avenue. (See locations above.)
4	Skilled	34	"	
1	Supt.	9	"	
1	Q.C. Rep.	9	"	
2	Skilled	9	ARCADIA REBR	Tying Reinforcing Steel for I-Wall Monoliths. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	3	5	-
Komatsu 300 Excavator	-	Yes	2	6	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Grove 20 Ton Picker	DEP	Yes	2	6	-
Mantis 3612 Crane	-	Yes	5	3	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Formwork done today on I-Wall Monolith #159 and #153. Forms were cleaned and oiled, and set to proper alignment. Wall Elevation was controlled by shimming up the Wall Forms to proper height, then the top of the Wall elevation was marked using a surveyors level. Bottom of I-Wall was set at elevation \pm 2.00, and top of I-Wall elevation was set at \pm 14.40 on the Canal Side. An offset line (2.50' to the Canal Side of Centerline) was used to set the Forms to the correct alignment.

Carpenters were finishing the last two Forms by placing Silicone caulking in the joints, epoxying Form Liner Joints together, and placing Bonds patches as needed.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked Rigging used to lift Forms and Re-Steel today. All Slings, Chokers, and Shackles were in like-new condition, with no defects or excessive wear was observed.

All Cranes were boomed down at the end of the day for the weekend.

REMARKS
(Instructions received, miscellaneous remarks)

BAYOU TREE SERVICE was called to begin trimming tree limbs next week at Mirabeau - West Side. This must be done before Sheet Piling can be delivered and unloaded in this reach.

I certify to the best of my 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.


Authorized Q C Representative

02/13/95

Date