

A0006504
A000 6499

TFG FILES INVENTORY

DATE: 12-15-05

Box Number: 49285543

Alternate Number: 17

Other Identification: LN191

Contents Associated With:

1. Contract DACW29-94-C-0079, Daily Logs, 1180-1-1Q, Lake Pontch, LA & Vic, HLP, London Avenue, Outfall Canal, Mirabeau; Section B, Folder 5, Item 37 b.

2. xxxxxxxx

3. xxxxxxxx

AD006504

**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
311

TO Area Engineer,
CELMN-CD-NO

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

DATE Saturday - Tuesday
23 - 26 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy and Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50/0 %	BORROW EXCAVATION 50/0 %	EMBANKMENT 50/0 %	CONCRETE 50/0 %	STRUCTURE 50/0 %
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TEMPERATURE	
MINIMUM 48	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 1.50	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 16	TOTAL 1 - 16	LABOR
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Canal RIVER STAGE	
FEET 0.8-2.2	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 17	SKILLED 17 - 135	LABORERS 12 - 112	TOTAL 31 - 264
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	
FROM 0700 M	TO 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. - Floodwall, Demolition, Erosion Control
- b. Arcadia Re-bar - Re-steel 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. Poured stabilization slab.
- b. Tied re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996

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

Progressive work was performed today.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 67.30
PERCENT TIME ELAPSED: 89.66

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.
Resteel - " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES Monday, 25 March 1996

Floodwall - Contractor poured stabilization slab for West floodwall between B/L Sta. 90+65 to 92+20. Continued clean up along east bank floodwall. Cement finishers worked on repair of East Mono #67 and West Mono #20 (canal side).

Arcadia Re-Bar - Tied re-steel for bases of West Mono's #54 thru 61.

No work performed Saturday, 23 March or Sunday, 24 March due to weekend. Also no work performed on Tuesday, 26 March 1996, due to heavy rain.

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

None

CONTROVERSIAL MATTERS IN DETAIL

None

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

None

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	14	QAR

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

Checked adjacent streets for mud or dirt during rain and found them all clean.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 3/28/96	SUPERVISOR'S INITIALS <i>Y/L</i>	DATE 4/1/96
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 3/25/96

REPORT NO.: 388

SKIES: Cloudy - Rain A.M. RAIN: 0.25 IN. TEMP.: 48 MIN 68 MAX

DUST: NONE LEVEE CONDITION: WET CANAL GAUGE: (0.8) NOISE: Minimal

50% ^{Lost} Production

WORK PERFORMED/LOCATION

3-23-96 Saturday - No work performed.
 3-24-96 Sunday - No work performed.
 3-25-96 Monday - B+K Construction Company -
 Unloaded Reinforcing steel for 18 monoliths on the West Bank (Filmore to Prentiss) from Lubich Steel Company today, then strung out this material adjacent to the work for Arcadia Rebar to begin tying steel in place. Formed and poured concrete Stabilization slab from West to Sta. 90+65 to Sta. 92+20. Formed and poured concrete stab. slab from East to Sta. 87+40 to 87+15. Installed bond cables for cathodic protection at East Mono. Joint #57-58, and at West Mono. Joints #74-75 through #76-77. Moved more forms to the yard for repair and fractured fin modification. Began moving equipment and materials to the next reach of floodwall work. Began working on collars on the West Bank (Mono's #2 and #51). Continued cleanup and fence repair work on the East Bank. Cement finishers worked on repair of East Mono. #67 and West Mono. #20 (Canal Side only).
 Arcadia Rebar - tied bottom reinforcing steel at West Monoliths #54 through #61 today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	100	B+K Const.	Curing + Finishing I-wall
12	Skilled	105	"	Monoliths; Unloading, and
1	Supt.	9	"	stringing out Re-steel; Forming
1	Q.C. Rep.	8	"	+ pouring stab. slab; Working in
				form repairs and modifications;
				Cathodic Protection Work; Continuing
				cleanup. (SEE ABOVE)
5	Skilled	30	Arcadia Rebar	Tying Re-steel for I-wall
				Monoliths (SEE ABOVE)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	4	4	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	Yes	1	7	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received reinforcing steel from Lulich Steel Company for 18 more monoliths on the West Bank (between Filmore and Prentiss Avenues). Unloaded this material and staged it out along the stab. Slab already poured in this reach.

Also received 13 c.y. of concrete (Mix #44-C) from Lafarge Concrete Company and placed it as follows: 10 c.y. in West Stabilization Slab; 3 c.y. in East Slab.

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked bottom Reinforcing steel tied in place by Arcadia Rebar today. Bttm. #6 vertical bent bars were 10" to 12" apart spaced to miss sheet pile interlocks. #5 horizontal bars 28'-6" long were tied on 9" centers. #5 bars 5'-0" long (horizontals) were tied at each end on each face in between the three bottom 28'-6" bars. #5 U-bars were passed thru handing holes and tied in place on 22" centers, and the #4 U-bars were tied on 9" centers vertically at each end of the monoliths. Bar counts were found to be correct. No deficiencies were noted. Final clearances between forms and re-steel to be adjusted before closing up I-wall forms.

JOB SAFETY

The weekly safety meeting was held today at the Pratt Drive Staging Area at 7:00 AM. Minutes of the meeting are attached to this report.

Checked flagmen for proper gear. Orange flags and vests were being used to identify flagmen and make signals clear to drivers. The number of flagmen was adequate.

REMARKS

Rain and wet soil slowed production to 50% of usual amount today.

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

Jerry Justice
Authorized Q C Representative

3-2-96
Date

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	No
Komatsu D37P Dozer	—	↓	↓	↓	↓
Kubota 151 Excavator	—				
Case 580 Backhoe #1	—				
Case 580 Backhoe #2	—				
RAMEX Roller-Packer	—				
MKT Vibro Hammer V-5	—				
Fiat-Allis MotorGrader	—				
Mantis 3612 Crane	—				
Koehring 405 Crane	—				
J.S.W. Excavator	—				
Welding Machine	—				
Compressor + Sandblaster	—				
Komatsu 200 Exc. #2	—				
Koehring 535 Crane	—				
Emv-300 Vib. Hammer	—				

MATERIALS RECEIVED

NONE TODAY

**TESTS PERFORMED
(As required by plans/specifications)**

NONE TODAY

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked fences and gates at work areas and at the Pratt Drive Staging Area - All secure.

No sign of sediment erosion was observed after today's heavy rain.

JOB SAFETY

Checked equipment on the levee. All equipment was shut off, keys removed, and blades or buckets were lowered to the ground for safety.

REMARKS

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

Jimmy Justice
Authorized Q C Representative

3-27-96
Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
310

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

DATE Friday
22 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and 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 50	MAXIMUM 70

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

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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Canal RIVER STAGE	
FEET - 0.8	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 19	SKILLED 15 - 129	LABORERS 16 - 132	TOTAL 33 - 280
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1800 M	FROM M	TO M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall Demolition, Erosion control
- b. Arcardia Re-bar - Re-steel installation
- c. Gill's Crane Service - Install Sheet Pile

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 1 monolith.
- b. Tied resteel for monoliths.
- c. Drove CZ-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996

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

Progressive work was performed this day.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 67.30
PERCENT TIME ELAPSED: 89.10

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.
Re-steel - " " "
Sheetpile - " " "

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

Floodwall - Observed contractor wrecking forms and pouring concrete for West Mono #47. Forms were cleaned and patched before they were set up. Wet Burline blankets were placed over new monoliths to begin curing process. Performed Pre-Placement inspection on above mentioned mono prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut holes for re-bar at West Mono's #58 and #59. Cut existing MP-112 sheet piles 1 ft below final grade on East B/L Sta. 87+50 to 87+25.

Sheetpile - Gill's Crane Service drove new CZ-101 sheet piles between West B/L Sta. 91+72.70 to Sta. 92+88.17 (64 pieces at 20.25 ft long.

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

None

CONTROVERSIAL MATTERS IN DETAIL

None

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

None

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	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. See attached sheet.

INSPECTOR'S SIGNATURE

D. Beadle

David Beadle

DATE

3/25/96

SUPERVISOR'S INITIALS

yw

DATE

3/28/96

41196

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

DATE: 3/22/96

REPORT NO.: 387

SKIES: Clear + mild

RAIN: 0

IN. TEMP.: 44° MIN 72° MAX

DUST: Some

LEVEE CONDITION: Dry CANAL GAUGE: -(0.3) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - wrecked forms at West Mono. #46, then patched tie-bolt holes and covered this wall with wet burlene. Set forms and top re-steel at West Mono. #47, then placed concrete at West Mono. #47 today. Formed and poured concrete stabilization slab from West B Sta. 89+70 to 90+65. Cut holes for rebar at West Mono's #58 and #59. Installed bond cables at West Mono. Joints #68-69 through #73-74 (continuous). Cut existing MP-112 sheet piles off one foot below F.G. from East B Sta. 87+50 to Sta. 87+25. Hauled off concrete cap sections from demolition, and scrap metal from sheet pile cut-off pieces today on East and West Banks. Cement finishers completed repairs on West Mono. #19, and East Mono #68 (Canal Side, only). Worked on repair of I-Wall forms in the Pratt Drive staging Area also.
- ② Gillis Crane Service - Drove new CZ-101 sheet piles from West B Sta. 91+72, 70 to Sta. 92+88.12 (64 pieces at 20.25' long each piece)
- ① → B+K Construction - performed first lift of structural backfill from East B Sta. 82+50 to Sta. 80+75.
 (Land Side Only)

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	125	B+K Const.	Wrecking, repairing, setting up forms for I-Wall; placing concrete for I-Wall and stab. Slab; cutting holes for rebar; cutting off existing sheets; installing cathodic protection bond cables; Hauling off concrete and metal debris (SEE ABOVE)
13	Skilled	110	"	
1	Supt.	9	"	
1	Q.C. Rep.	8	"	
2	Skilled	14	Gillis Crane	Driving new CZ-101 sheet piles for I-Wall (SEE ABOVE)
1	Unskilled	7	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	4	4	—
Kubota 151 Excavator	—	Yes	5	3	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	5	3	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	7	1	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 24 cu. of concrete (mix #44-C) from Lafarge Concrete Company today, and placed this material as follows: 17 cu. went in West Monor. #47; and 7 cu. went in West Bank Stabilization Slab.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested and inspected concrete delivered by Lafarge Conc. Co. today. Find test results on the attached Concrete Summary Sheet. Three cylinders were molded by BTK Construction to be delivered on Monday for compressive strength tests.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected bond cables installed today on the West Bank. Materials used were Kalas Mfg. #4 AWG HMW-PE cathodic protection cable, Ericb Products Cadweld shots + molds # CA-25, and epoxy coating caps by Houston Products. Steel sheet piles were cleaned and sanded to provide a positive attachment between cables and sheet piles. Bond cables were installed at each monolith joint as required. Epoxy coatings were used to cover all exposed copper wire and the weld areas as well. Existing soil was used to backfill the cadweld holes dug out to make work possible. Laborers compacted the soil by hand tamping.

JOB SAFETY

Checked extension cords for damage. One cord 100' long was found to have damaged insulation. This cord was immediately taken out of service for repair or replacement.

Checked reverse alarm on Komatsu D-37 dozer. The back-up alarm was in working condition, and the signal was clearly audible to workers nearby.

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

3-25-96

Date

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

DATE: 3-22-96

Pour Location West I-Wall Monolith #47, and West Bank Stabilization slab, sta. 89+70 to 90+65.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

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

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
316918	11:18	12:06	3.0°	15 Gal.	5.0°	70° 72°	-	-	11:25	7
317034	2:30	2:55	4.0°	5 Gal.	4.5 ^x	70° 73°	5.0	3	2:45	9
317067	2:58	3:50	2.5°	10 Gal.	4.0 ^x	71° 73°	5.6	-	3:10	8

WEST Stab. SLAB 3
 WEST MOND #47

Test Cylinder Set #LA-162

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

TECHNICIAN:
Steve Thome

MINUTES OF SAFETY MEETING

DATE: 3-25-96

TIME: 7:00 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice	Paul Albott	Paul Smith	John Wait
Paulin Vassan		William J. Tassin	
John J. [unclear]		James K. [unclear]	
Greg Bailey		Alvin Brown	
Michael D. Bell		Robert J. [unclear]	
FRANK BERNARD		Glen Vingo	
Doyle M. Brown		Nathaniel Ross	
Edward [unclear]		John Collins	
Anthony [unclear]		Mike Conner	
		Steve Thong	
		Bill [unclear]	
		Bryan [unclear]	
		Anthony R. [unclear]	

TOPICS:

Discussed safety around overhead power lines, high pressure gas pipelines, and buried electric feeder cables today. Informed our operators of the whereabouts of these utilities and asked them to use extreme caution while working nearby with equipment.

Also discussed the need for general cleanup on the East and West sides of the Canal. All nails, wire, rebar, etc. must be removed from work areas and walkways for safety.

COMMENTS:

Reminded operators and foremen to check rigging, and report any damaged or worn parts to me or Mike Tassin. Any other defects in equipment, or tools, or extension cords must be reported immediately. Once reported, it becomes the responsibility of myself, the Superintendent or foreman to replace or repair.

Mike Tassin

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
309

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

DATE Thursday
21 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and 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 40	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 0.0	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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Canal RIVER STAGE	
FEET 0.0	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 19	SKILLED 15 - 129	LABORERS 16 - 132	TOTAL 33 - 280
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1800 M	FROM M	TO M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. Gill's Crane Service - Install Sheet Pile
- 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 and poured 1 monolith.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996

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

Progressive work was performed this day.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 67.00
PERCENT TIME ELAPSED: 88.94

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.

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

Floodwall - Observed contractor wrecking forms and pouring concrete for West Mono #46. Forms were cleaned and patched before they were set up. Wet burline blankets were placed over new monoliths to begin curing process. Performed Pre-Placement inspection on above mentioned mono prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Performed structural backfill between East B/L Sta. 84+35 to 82+50, placing 1st 8" lift. Cut holes for re-bar for West Mono's #53 thru #57. Cement finishers completed finishing work on canal side of East Mono #68 and West Mono #18. Cleaning and picking up trash along east wall between Filmore St. bridge and Pumping Station #4.

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

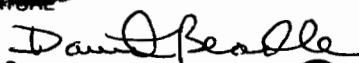


Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

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>
David Beadle	Const. Insp.	7	QAR

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

Checked cable on Mantis 3612 crane and found it in good condition.

INSPECTOR'S SIGNATURE David Beadle 	DATE 3/22/96	SUPERVISOR'S INITIALS 	DATE 4/1/96  3/27/96
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QUALITY CONTROL REPORT
 (DACW29-94-C-0079)
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 3/21/96

REPORT NO.: 386

SKIES: Clear

RAIN: 0

IN. TEMP.: 40 MIN 68 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (0.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono, #59 and West Mono, #48, then patched tie-bolt holes and covered these walls with burlene blankets for 7 day wet curing. Set forms and top re-steel mat at West Mono, #46, then placed concrete at West Mono, #46 today. Formed and poured concrete stabilization slab from West B Sta. 88+20 to Sta. 89+70. Cut holes for rebar to pass through sheet piles at West Mono's #53 through #57. Moved I-Wall forms from East Bank to the yard for repairs, and also repaired forms on the West Bank. Continued cleanup of trash and scrap metal on the East Bank from Pump Station #4 to Filmore Ave. Performed structural backfill from East B Sta. 84+35 to Sta. 82+50 (1st 8" Layer Only). Laborers cleaned up construction debris ahead of backfill work in this area. Hauled off concrete cap sections from demolition work on the West Bank. Cement finishers completed repairs on Canal Side of East Mono, #68 and West Mono, #18.

Gill's Crane Service - Moved new CZ-101 sheet piles into position to resume driving piles tomorrow. Sheet piles are now strung out along the Canal Side of the work thru 99+00.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	125	B+K Const.	Wrecking, Repairing, setting forms for I-Wall; Placing, finishing, and curing I-Wall concrete; Forming + pouring stabilization slab; Cutting holes for rebar; Structural backfill; General cleanup and trash/scrap metal removal. (SEE ABOVE)
13	Skilled	115	"	
1	Supt.	9	"	
1	Q.C. Rep.	10	"	
2	Skilled	14	Gill's Crane	Moving CZ-101 sheet piles into position to resume driving tomorrow (SEE ABOVE)
1	Unskilled	7	"	

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	5	3	—
Komatsu D37P Dozer	—	Yes	4	4	—
Kubota 151 Excavator	—	Yes	3	5	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	5	3	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	NO	0	8	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc. #2	—	Yes	5	3	—
Koehring 535 Crane	—	Yes	2	6	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 27 c.y. of concrete (mix #44-C) from Lafarge Concrete today and placed this material as follows: 17 c.y. in West Mon. #46; 10 c.y. in West Bank Stabilization Slab. Copies of delivery tickets were furnished to the Government today.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction personnel tested and inspected concrete delivered by Lafarge Concrete Company today. Find. results of these tests attached to this report on the Concrete Field Data Summary Sheet. Three test cylinders were molded, to be delivered by B+K Construction to the Government Lab.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected structural backfill work done on the West Bank today. All trash and debris from construction was removed from the backfill area first. Then existing soil from the land side of the levee was placed in an 8" layer along the land side of the new T-wall in a two foot wide lift. The Komatsu D-37 dozer spread this soil and began compacting with the dozer track. The Ramex Roller-Compactor will be used to complete the compaction effort on this backfill material. Moisture content of the backfill soil was close to optimum, and no unsuitable materials were placed in backfill.

Also checked the formwork at West Mono. # 46. Re-steel clearance had to be adjusted at the top of the wall before concrete placement could begin. Form checklist (LMN Form #1246) was completed prior to concrete placement also.

JOB SAFETY

Checked public streets for dirt or debris from construction work. No significant amount of dirt was found.

Flagmen were provided to stop traffic and direct traffic while trucks and equipment worked at Filmore Avenue today.

REMARKS

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

Jerry Justice
Authorized Q C Representative

3-22-96
Date

F I CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 46

LIFT NO. One

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-21-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-21-96	1:00	D. Beadle	3/20/96	1:05
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-21	1:00	D. Beadle	"	"
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-21	1:05	D. Beadle	3/20/96	1:05
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	3-21	1:10	"	"	"
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-21	1:10	D Beadle	3/21/96	1:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.88'	✓	"	"	✓				
WIDTH 1.75-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-21	1:15	"	"	"		
G. SAFETY (LIST)	Jmj	3-21	1:15	"	"	"		
1. Ladder	✓	"	"	✓	2	2		
2. Scaffold	✓	"	"	✓	2	2		
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-21	1:15	D. Beadle	"	"		
Exp. Material	✓	"	"	✓	2	2		
FL-400 Anchors	✓	"	"	✓	2	2		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	1:55	1.5				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" + 4 1/4" ; AIR ENTR. = 6.0% + 5.3% ; CONCRETE TEMPS = 63 + 64 ;							
	AIR TEMPS = 65 + 65 ; 3 Test Cylinders (LA-161)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jmj				C.O.E. REPRS:	David Beadle		
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

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

DATE: 3-21-96

Pour Location West I-Wall Monolith #46

Supplier WEST BANK Slab. Slab. 88+20 to 89+70
LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

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

TICKET NO.	TIME ARRVD	TIME CHPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
316496	11:05	12:15	3.5 ^o	13 Gal.	5.0 ^o	62° 65°	-	-	11:10	10
316604	1:55	2:35	2.5 ^o	15 Gal.	4.25 ^x	64° 65°	6.0	3	2:15	9
316628	2:35	3:15	2.5 ^o	10 Gal.	4.0 ^x	63° 65°	5.3	-	2:45	8

Test Cylinder Set #LA-161

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

TECHNICIAN:
Steve Thome

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
308

Area Engineer,
CELMN-CD-NO

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

DATE Wednesday
20 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE	
MINIMUM 50	MAXIMUM 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 0.0	ENDING 9730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

FEET	TIME
1.0	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 18	17 - 130	15 - 148	34 - 296

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 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. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel Installation.
- c. Gill's Crane Service - Install Sheet Pile.

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 2 monoliths
- b. Tied resteel for monoliths.
- c. Drove CZ-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996

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

Progressive work was performed this day.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 66.80
PERCENT TIME ELAPSED: 88.80

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Concrete I-wall - No instructions given.
- Re-steel placement - No instructions given.
- Sheet Pile - No instructions given.

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

Floodwall - Observed contractor wrecking forms and pouring concrete for West Mono #48 and East Mono #59. Forms were cleaned and patched before they were set up. Wet Burline Blankets were placed over new monoliths to begin curing process. Performed Pre-placement INSpection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut existing MP-115 sheet pile at elevation 6.75 between West B/L Sta. 90+10 to 91+80. Cement finishers completed finishing work on canal side of East MOno #69 and West Mono's #16 and 17. Began clean up of east bank between Filmore St. bridge to Pumping Station #4.

Re-Steel - Arcadia Re-bar tied re-steel for East Mono #59, West Mono #47,

Sheet Pile - Gill's Crane Service drove new CZ-101 sheet piles for West I-wall between B/L Sta. 90+30.20 to 91+72.70 (79 pieces - 20.25 ft long).

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
D. Beadle	Const. Insp.	9	QAR

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

Checked back up alarm on Case 580 backhoe and found it working properly.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 3/21/96	SUPERVISOR'S INITIALS <i>ya</i>	DATE 4/1/96
			DATE 3/27/96

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

DATE: 3/20/96

REPORT NO.: 385

SKIES: Clear + Windy

RAIN: 0

IN. TEMP.: 42 MIN 55 MAX

DUST: Some

LEVEE CONDITION: Dry

CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #60 and West Mono. #49, then patched holes and covered these walls with burlene for 7 day wet curing period. Set forms and top re-steel mats at East Mono. #59, and West Mono. #48, then placed concrete at East Mono. #59 and West Mono. #48. Also formed and poured concrete stabilization slab from West B Sta. 86+90 to sta. 88+20. Installed cadwelds at West Mono. Joints #61-62 through #67-68 continuous. Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 90+10 to Sta. 91+80. Cement finishers completed repair work on Canal Side of East Mono. #69 and West Mono. #16 and #17. Surveyor continued layout for sheet piles and stabilization slab work. Began clean up on the East Bank from Filmore Ave. to Pumping Station #4.

Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #59, and pre-tied 2 top re-steel mats for future placement in T-Wall monoliths.

Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 90+30.29 to Sta. 91+72.70 (79 pieces at 20.25' long each piece).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	130	B+K Const.	Wrecking, setting forms, pouring
13	Skilled	120	"	concrete, finishing + curing
1	Supt.	10	"	T-Wall Monoliths; Cathodic
1	Q.C. Rep.	9	"	Protection work; Cutting existing
				MP-115 sheet piles; Survey -
				Layout of work; General
				Cleanup. (SEE ABOVE)
2	Skilled	10	Arcadia Rebar	Tying steel reinforcing rods
				for T-Wall (SEE ABOVE)
2	Skilled	16	Gill's Crane	Driving CZ-101 Sheet piles
1	Unskilled	8	"	(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	8	0	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 45 cu. y. of concrete (mix design #44-C) from Lafarge Concrete Company today, and placed this material as follows: 17 cu. y. in West Mono. #48; 19 cu. y. in East Mono. #59; 9 cu. y. in West Bank Stabilization Slab. Copies of the delivery tickets with batch information included were furnished to the Project Inspector.

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile driving work today on the West Bank near station 91+00. Results of these tests are being furnished to the Orleans Levee Board. No excessive vibrations were recorded today.

B&K Construction tested and inspected concrete material delivered by Lafarge Conc. Co. today. Find results documented on the attached Summary Sheet. B&K Construction will deliver 3 test cylinders (molded today) to the Government Lab tomorrow.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected formwork at East Mon. #59 and West Mon. #48 today. Form conditions were fair, but need repair work, especially the plywood surfaces. This work will be done starting on Friday of this week. Plumbness and alignment of forms were correct, within 0.02' plus or minus. Checked grade on top of I-Wall forms. Elevations were found to be +14.42 on the Land Side and +14.40 on the Canal side at both East and West walls, plus or minus 0.02'. Widths of forms were: 12" on the top (or stem section) of the walls; 1.75' wide at the bottom of the west wall; and 2.25' wide at the bottom of the East wall.

Also checked sheet piling work done on the west Bank today. Alignment and cut-off elevations were correct, within 0.05' plus or minus. Monolith lengths did fluctuate between 28.75' and 29.00'. The project superintendent stated that our carpenters would make the necessary adjustments in I-Wall forms to compensate for this error.

JOB SAFETY

Checked workers for hard hats, steel toe boots, and eye protection while placing concrete. No violations were found. Concrete placing crew was wearing approved type safety glasses with side shields.

REMARKS

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

Jerry Justice
Authorized Q C Representative

3-21-96
Date

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

DATE: 2-20-96

Pour Location West I-Wall Monolith #48, EAST MONO. #59;

Supplier - Strab. Slab. from West B sta. 86+90 to 88+10.
 LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

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

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
316275	3:05	3:50	3.5°	5 Gal.	4.0°	60° 53°	-	-	3:10	9	West Monolith #48
316290	3:55	4:35	4.25°	0	4.25 ^x	61° 52°	5.0	-	4:00	8	
316271	3:10	4:15	1.5°	25 Gal.	4.0°	64° 53°	-	-	3:15	10	East Monolith #59
316289	4:20	4:50	2.0°	20 Gal.	4.25 ^x	60° 52°	5.6	3	4:25	9	
316209	1:22	1:45	3.5°	15 Gal.	5.0°	61° 53°	-	-	1:30	9	West Slab

Test Cylinder set #LA-160

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

TECHNICIAN:
Steve Thome

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
 West # 48

LIFT NO. one

ELEVATION
 from 3.00 to 14.40

DATE OF POUR
 3-20-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-20-96	2:30	D. Beadle	3/20/96	2:30
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-20	2:30	"	"	"
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-20	2:35	"	"	"
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	3-20	2:35	"	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-20	2:35	D. Beadle	3/20/96	2:40		
CLEANLINESS	✓	"	"	—				
RELEASING AGENT	✓	"	"	—				
TIES AND BOLTS	✓	"	"	—				
LENGTH 28.85'	✓	"	"	—				
WIDTH 1.75'-1.00'	✓	"	"	—				
HEIGHT 11.40'	✓	"	"	—				
WATERSTOPS	✓	"	"	—				
CHAMFER STRIPS	✓	"	"	—				
F. WEATHER PROTECTION	Jmj	3-20	2:40	"	"	"		
G. SAFETY (LIST)	Jmj	3-20	2:40	"	"	"		
1. Ladder	✓	"	"	—	Σ	Σ		
2. Scaffold	✓	"	"	—	Σ	Σ		
3. Rigging Check	✓	"	"	—	Σ	Σ		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-20	2:40	"	"	"		
Exp. Material	✓	"	"	Σ	Σ	Σ		
FL-400 Anchors	✓	"	"	Σ	Σ	Σ		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	405	3:05	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 61° ; AIR TEMPS = 52° ; 3 Test Cylinders (LA-160) FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice			C.O.E. REPRS: David Beadle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

CHECK OUT FOR STRUCTURE 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 # 59 LIFT NO. one ELEVATION from 2.50 to 14.40 DATE OF POUR 3-20-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	3-20-96	2:45	B.D. Beadle	3/20/96	2:50
VERTICAL	/	"	"	/	~	~
ALIGNMENT	/	"	"	/	~	~
CLEANLINESS	/	"	"	/	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	3-20	2:45	"	"	"
CLEANLINESS	/	"	"	/	~	~
WATERED	/	"	"	/	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	3-20	2:50	"	"	"
VERTICAL	/	"	"	/	~	~
HORIZONTAL	/	"	"	/	~	~
SPACING	/	"	"	/	~	~
CLEARANCES	/	"	"	/	~	~
STEEL SCHEDULE	/	"	"	/	~	~
SHOP DRAWINGS	/	"	"	/	~	~
TIE WIRES	/	"	"	/	~	~
#6 BAR WELDED	/	"	"	/	~	~
CLEANLINESS	/	"	"	/	~	~
WATERED	/	"	"	/	~	~
E. FORMWORK	Jmd	3-20	2:50	"	"	"
CONDITION	/	"	"	/	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-20	2:50	D. Beadle	3/20/96	2:50		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.40'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-20	2:55	"	"	"		
G. SAFETY (LIST)	Jmj	3-20	2:55	"	"	"		
1. Ladder	✓	"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-20	2:55	D. Beadle	"	"		
Exp. Material	✓	"	"	✓				
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#36/2	3:10	1.5				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 60° ;							
	AIR TEMPS = 52° ; 3 Test Cylinders (LA-160)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:				C.O.E. REPRS:				
Jerry M. Justice				David Beadle				
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 QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
307

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

DATE Tuesday
19 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM	MAXIMUM
50	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
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

FEET	TIME
1.8	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 18	17 - 130	15 - 148	34 - 296

NUMBER OF SHIFTS

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. - Floodwall, Demolition, and Erosion Control
- b. Arcadia Re-Bar - Resteel Installation.
- c. Gill's Crane Service - Install Sheet Pile.

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 placed 2 monoliths.
- b. Tied resteel for monoliths.
- c. Drove CZ-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996

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

Progressive work was performed today.

PERCENT PROJECT COMPLETE: 66.40
PERCENT TIME ELAPSED: 88.65

DATE SET FOR COMPLETION: 25 June 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Concrete I-Wall - No instructions given.
Re-Steel Placement - No instructions given.
Sheet Pile - No instructions given.

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

Floodwall - Observed contractor wrecking forms and pouring concrete for West Mono #49 and East mono #60. Forms were cleaned and patched before they were set up. Wet Burline Blankets were placed over new monoliths to begin curing process. Performed structural excavation between East B/L Sta. 87+35 to 87+15. Cut existing MP-115 sheet pile at elevation 6.75 from West B/L 89+50 to 90+10. Cement finishers completed repairs on East #70 and West #15(Canal side). Performed Pre-Placement Inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated.

Re-Steel - Arcadia Re-bar tied re-steel for East Mono #60 and West Mono #48 and #49.

Sheet Pile - Gill's Crane Service drove new CZ-101 sheet piles from West B/L Sta. 89+12.95 to 90+30.20 (65 pieces - 20.25 ft long).

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

None

CONTROVERSIAL MATTERS IN DETAIL

None

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

None

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	9	QAR

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

Flagman controlled traffic on Filmore St. bridge during pouring of concrete on both sides of canal.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Daniel Beadle

3/20/96

sw

D

4/1/96
3/24/96

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

DATE: 3/19/96

REPORT NO.: 384

SKIES: Clear - Windy

RAIN: 0

IN. TEMP.: 48 MIN 65 MAX

DUST: Moderate

LEVEE CONDITION: Dry

CANAL GAUGE: (1.1) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - wrecked forms at East Mono. #61 and West Mono. #50, then patched tie bolt holes and covered these walls with Wet burlene for 7 day curing period. Set forms and top re-steel mats at East Mono. #60 and West Mono. #49. Placed concrete at East Mono. #60 and West Mono. #49 today. Also formed and poured concrete at the Pedestrian Bridge Gap Closure (Filmore - East Bank). Set forms and poured concrete in stabilization slab on the East Bank from sta. 87+65 to 87+40, and on the West Bank from sta. 85+95 to sta. 86+90. Cut holes for rebar at East Mono. #59. Welded #6 bar on top of AZ-18 sheet piles at East Mono's #60 and #59. Cut existing MP-112 sheet piles off one foot below F.G. from East B Sta. 88+10 to sta. 87+50. Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 89+50 to sta. 90+10. Performed structural excavation from East B Sta. 87+35 to sta. 87+15. Installed one cadweld at East Mono. Joint #59-58. Cement finishers completed repair work on East Mono. #70 and West Mono. #15 (Canal Side Only).
- ② Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 89+12.95 to sta. 90+30.29 (65 pieces at 20, 25' long each).
- ③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #60, and at West Mono's #48 and #49. Pre-tied 2 more top re-steel mats.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS Approx.	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	140	B+K Const.	Wrecking, forming, pouring, finishing, and curing I-wall Monoliths; Setting top re-steel mats; Pedestrian Bridge Gap Closure Concrete; Stabilization slab concrete placement; Cutting off existing sheet piles; structural excavation (SEE ABOVE)
13	Skilled	130	"	
1	Supt.	10	"	
1	Q.C. Rep.	8	"	
2	skilled	16	Gill's Crane	Driving CZ-101 sheet piles for I-wall (SEE ABOVE)
1	Unskilled	8	"	
2	Skilled	14	Arcadia Rebar	Tying re-steel for I-wall Monoliths (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	NO	0	8	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	NO	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	NO	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	5	3	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc. #2	—	yes	3	5	—
Koehring 535 Crane	—	yes	8	0	—
Emv-300 Vib. Hammer	—	NO	0	8	—

MATERIALS RECEIVED

Received 46 cu. of Concrete (mix Design #44-c) from Lafarge Conc. Co. today. Placed this material as follows: 19 cu. in East Mono. #60; 17 cu. in West Mono. #49; 8 cu. in West Bank Stabilization Slab; 2 cu. in East Bank stab. Slab. Delivery tickets were furnished to the Government Inspector, complete with all necessary batch weights and information.

TESTS PERFORMED

(As required by plans/specifications)

OMITTED FROM Q.C. DAILY REPORT # 383 (3-18-96):
Delta Testing performed vibration monitoring on the West Bank near station 88+50, adjacent to sheet pile driving work. Results are furnished to the Orleans Levee Board. No excessive vibration was recorded today - per Delta Testing Field Technician.

B+K Construction personnel tested concrete material delivered by Lafarge Concrete Company today. Find these test results on the attached "Concrete Field Data Summary Sheet". Three test cylinders were molded as always.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked sheet pile work done today on the West Bank. CZ-101 sheet piles were 20'-3" long, new material, and free of any damage or defects. Interlocks were fully engaged, and piles were driven to the plan cut-off elevation of +6.25 (plus or minus 0.05'). Plumbness and alignment were both correct, and found to be within specified tolerances. Monolith lengths were 28'-88", within 0.10' (plus or minus).

Checked stabilization slab work on the West Bank. Width of slab was approximately 5.5'; 2.0' from ϕ toward the Land side, and 2.50' towards the Canal side. Top of slab elev. was +3.45; 0.05' was allowance for shims under I-wall forms. Stabilization slab concrete was consolidated by hand tamping, then screeded and floated smooth with hand floats.

JOB SAFETY

Checked work area for lumber with nails protruding; No nails were found in scrap lumber or other materials.

Checked ladders and scaffolds on I-wall forms. Ladders were in good condition and tied off to prevent movement. Scaffold boards were in fair condition, and handrails were intact.

REMARKS

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

Jerry Justice
Authorized C C Representative

3-20-96
Date

CHECK OUT FOR

STRUCTURE REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 49

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-19-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	3-19-96	1:05	D. Beadle	3/19/96	1:10
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	3-19	1:05	D. Beadle	3/19/96	1:10
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	3-19	1:10	D. Beadle	3/19/96	1:10
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmg	3-19	1:10	D. Beadle	3/19/96	1:10
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-19-96	1:10	D. Beadle	3/19/96	1:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.85'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-19	1:15	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	3-19	1:15	"	"	"		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-19	1:15	" "	" "	" "		
FL-400 Anchors	✓	"	"	✓	✓	✓		
Exp. Material	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	405	1:50	1:5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 68° ;							
	AIR TEMPS = 65° ; 3 Test Cylinders (LA-159)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justo				C.O.E. REPRS: David Beadle			
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

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH East 60

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-19-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	3-19-96	1:55	D. Beadle	3/19/96	2:00
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	3-19	1:55	D. Beadle	"	"
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	3-19	2:00	D. Beadle		
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmg	3-19	2:00	D. Beadle		
CONDITION	✓	"	"	"	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-19-96	2:00	D. Beadle	3/19/96	2:05		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.42'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-19	2:05	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	3-19	2:05	" "	" "	" "		
1. Ladder	✓	"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-19	2:05	" "	" "	" "		
FL-340 Anchors	✓	"	"	✓				
Exp. Material	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	2:15	1.25				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 66° ;							
	AIR TEMPS = 65° ; 3 Test Cylinders (LA-159)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

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

DATE: 3.19.96

Pour Location West I-Wall Monolith #49; EAST MONO #60;
EAST STAB. SLAB. ^{87+65 to} 87+40 ; WEST STAB SLAB. ⁸⁵⁺⁹⁵ 86+90
 Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S HLDDED	TIME SAMPLED	C. Y.	
315896	1:50	2:30	4.0 ^o	-0.	4.0 ^o	68 ^o 65 ^o	-	-	2:00	9	West Mono. #49
315915	2:48	3:35	4.0 ^o	-0-	4.0 ^x	68 ^o 65 ^o	5.0	-	2:55	8	West Mono. #49
315904	2:15	3:03	3.75 ^o	5 Gal.	4.25 ^x	66 ^o 65 ^o	5.6	3	2:25	10	East Mono. #60
315927	3:02	3:36	2.0 ^o	20 Gal.	4.25 ^o	67 ^o 65 ^o	-	-	3:10	9	East Mono. #60
315945	4:04	4:25	1.0 ^o	10 Gal.	5.0 ^o	68 ^o 63 ^o	-	-	4:10	2	EAST SLAB
315954	4:06	4:40	3.25 ^o	5 Gal.	4.0 ^o	67 ^o 63 ^o	-	-	4:15	8	West SLAB

Test Cylinder Set #LA-159

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

TECHNICIAN:
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**

(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
306

DATE Saturday - Monday
16 - 18 March 1996

Area Engineer, **CELMN-CD-NO**
COPY TO: C/Const. Div. CELMN-CD
Chartrain, 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
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM	MAXIMUM
50	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
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1 - 1			1 - 8	2 - 9	

Canal RIVER STAGE	FEET	TIME
	1.8	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2 - 21	18 - 159	16 - 143	36 - 323	0700 M	1800 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. - Floodwall, Demolition, and Erosion Control
- b. Arcadia Re - Bar - Resteel Installation.
- c. Gill's Crane Service - Install Sheet Pile.

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

- a. Set forms and placed 2 monoliths.
- b. Tied resteel for monoliths.
- c. Drove CZ-101 sheet piles.

Days of no work and reasons for same.

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996

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

Progressive work was performed today.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 66.0
PERCENT TIME ELAPSED: 88.5

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Concrete I-wall - See back
Re-steel Placement - No instructions given.
Sheet Pile - No instructions given.

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

Floodwall - Observed contractor wrecking forms and pouring concrete for West Mono #50 and East Mono #61. Forms were cleaned and patched before they were set up. Wet Burline blankets were placed over new monoliths to begin curing process. Performed structural excavation between East B/L Sta. 87+80 to 87+35. Cut existing MP-115 sheet piles at elevation 6.75 from West B/L Sta. 86+85 to 87+75. Cut holes for re-bar at East Mono #60 and West Mono's #49 and #50. Cement finishers completed repairs on East Mono #72 and #71 (canal side) and West Mono's #14 and 1/2 of #15 on canal side. Performed Pre - Placement Inspection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated.

Arcadia Re-Bar - Tied re-steel for East Mono #61 and West Mono #50.

Gill's Crane Service - Drove new CZ-101 sheet piles for west floodwall between West B/L Sta. 87+83+05 to 89+12.95 (72 pieces/ 20.25 ft long).

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

Instructed contractor to clean up work area on East bank between B/L Sta. 99+00 to 85+50 and repair damaged silt fence in same area by Friday, 29 March 1996.

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	Civil Engr.	1 3/18/96	Proj. Engr.
D. Beadle	Const. Insp.	8 3/18/96	QAR

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

Contractor personnel using cutting torches wore proper eye protection, leather gloves, and safety shoes.

INSPECTOR'S SIGNATURE

david Beadle

David Beadle

DATE

3/19/96

SUPERVISOR'S INITIALS

gw

DATE

3/25/96

4/1/96

TD

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed pile driving operations
between Filmore + Pumping Sta. No. 4 near
West Blk Sta. 88700. Steel templates used
to align shafts + level used to check
plumbness. Observed personnel finish placement
of concrete for west mono #50. Burlap
will need to placed over walls for curing
purposes. Continuing to finish + rub T-walls
repairing defective concrete + air voids.

Instructions to COC/Remarks: Informal Sept Mike Tassin
that general housekeeping + silt fence
repairs need to be performed ASAP. He
agreed to do so.

Chris Wagner Proj Engr
 Name Title

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

DATE: 3/16/96

REPORT NO.: 382

Saturday

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 60 MIN 82 MAX

DUST: Some

LEEVE CONDITION: Dry CANAL GAUGE: (1.1) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction Company - Sandblasted coal tar epoxy off of existing AZ-18 sheet piles from East B sta. 88+00 to station 85+50 ±. Used the Mantis Crane to load sheet pile scraps onto Gill's Crane Service flatbed truck. No other work performed.

Gill's Crane Service - Cut off existing AZ-18 sheet piles at elev. +5.25 from East B sta. 87+75 to sta. 86+75. Hauled these scraps off for salvage today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	14	B+K Const.	SANDBLASTING AZ-18 SHEET
2	Skilled	14	"	PILES; Loading up cut-off
-	Supt.	-	"	pieces of AZ-18 for Gill's
-	Q.C. Rep.	-	"	Crane Service (SEE ABOVE)
2	skilled	10	Gill's Crane	Cutting off AZ-18 sheet piles
				for I-wall construction.
				(SEE ABOVE)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	No	0	8	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	3	5	—
Koehring 405 Crane	—	No	0	8	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	Yes	5	3	—
Komatsu 200 Exc. #2	—	No	0	8	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked sheet pile cut-off elevation on the East Bank. AZ-18's were cut by oxy-acetylene torch at elev. +5.25, plus or minus 0.08'. Scrap pieces were removed from the jobsite for salvage. Holes for rebar and slots for monolith joints will be cut by BTK Construction later.

JOB SAFETY

Checked sandblasting safety equipment before use today. Blasting hood was in good condition. Hoses and connections were also in good shape. Breathing air apparatus was connected to blasting hood with separate hose as per manufacturer's recommendations.

REMARKS

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

Jerry Justice
Authorized Q C Representative

3-18-96
Date

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

DATE: 3/18/96

REPORT NO.: 383

SKIES: Clear - Pt. Cloudy
and Windy

RAIN: 0

IN. TEMP.: 58 MIN 80 MAX

DUST: Some

LEVEE CONDITION: Dry

CANAL GAUGE: (1.8) NOISE: Moderate
 → RISING TO 3.2 overnight

3-17-96 Sunday - NO WORK PERFORMED.
 WORK PERFORMED/LOCATION

3-18-96 Monday

① B+K Construction - Wrecked forms at East Mono. #62 and West Mono. #45, then patched tie-bolt holes and covered these walls with wet burlene. Set forms and top re-steel mats at East Mono. #61 and West Mono. #50, then placed concrete at East Mono. #61 and West Mono. #50 today. Also formed and poured concrete in stabilization slab from East B Sta. 88+00 to 87+65. Performed structural excavation from East B Sta. 87+80 to sta. 87+35. Installed bond cables at East Mono. Joint #60-59, and at West Mono. Joints #53-54 through #60-61. Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 86+85 to sta. 87+75. Cut holes for rebar at East Mono. #60, and at West Mono's #49 and #50. Cement finishers completed repair work on East Mono's 72 and #71 (Canal Side), and on West Mono's #14 and 1/2 of #15 (Canal Side Only). Surveyor set more stakes for pile driving crew.

② GILL'S CRANE SERVICE - Drove new CZ-101 sheet piles from West B Sta. 87+83.05 to sta. 89+12.95 (72 pcs. at 20.25' long each piece).

③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono #61 and West Mono. #50. Pre-tied 3 top re-steel mats for future use.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	135	B+K Const.	Wrecking, forming, pouring, finishing
13	Skilled	125	"	+ curing I Wall Monoliths; Forming
1	Supt.	10	"	+ Pouring Stab. Slab; structural
1	Q.C. Rep.	11	"	excavation; Cathodic Protection work;
				Cutting existing sheet piles; Cutting
				holes for rebar; Layout of work. (SEE ABOVE)
2	Skilled	16	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	8	"	piles for I-Wall. (SEE ABOVE)
3	Skilled	18	Arcadia Rebar	Tying Reinforcing steel for
				I-Wall (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	NO	0	8	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc. #2	—	yes	3	5	—
Koehring 535 Crane	—	yes	7	1	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 40 c.y. of concrete from Lafarge Concrete Company today and placed this material (Mix Design #44-C) as follows: 19 c.y. in East Mono #61; 17 c.y. in West Mono. #50; 4 c.y. in East Bank Stab. slab. Delivery tickets were furnished to the Project Inspector, along with all batch information.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction Company personnel tested concrete material delivered by Lafarge Concrete Company today. Results are documented on the attached Concrete Field Data Summary sheet. Three test cylinders were molded from today's material, and will be delivered to the Government Lab by BTK Construction Company.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked formwork at East Mono. #61 and West Mono #50 today. Form condition at West Mono. #50 was fair, but re-surfacing of these forms is needed soon. The carpenter foreman was informed that repairs are needed, and each monolith will be inspected for condition of forms prior to acceptance of form-work. The Project Superintendent and Carpenter foreman both stated that all plywood facing material would be replaced and forms re-worked after four more monoliths are poured (to complete work on the current reach of floodwall).

Also inspected the work areas (East and West Banks) for general housekeeping and cleanliness. Some clean up and stacking of materials is needed on the West Bank, but more work must be done to clean up debris and metal scraps on the East Bank. Work will begin on this clean up tomorrow.

JOB SAFETY

Held the weekly safety meeting today at 9:00 AM in the staging area at Pratt Drive and Robert E. Lee Blvd. Minutes of the meeting are attached to this report.

Checked workers using oxygen-acetylene torches today. Burning goggles were being worn for eye protection by both torch operators. Empty cylinders had to be picked up and returned to the storage rack.

REMARKS

Received verbal instructions from Project Inspector David Beadle today: Clean up the work area on the East Bank between station 99+70 and 85+50, and repair all damaged silt fence in the same area by 3-29-96. Project Superintendent Mike Tassin said that he would comply.

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

Jerry Justice
Authorized Q C Representative

3-19-96

Date

FL... CHECK OUT FOR

STRUCTU
 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 # 61

LIFT NO. 1

ELEVATION
from 2.50 to 14.40

DATE OF POUR
3-18-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-18-96	2:00	D. Beadle	3/18/96	2:15
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-18	2:00	D. Beadle	3/18/96	2:15
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-18	2:05	D. Beadle	3/18/96	2:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	3-18	2:05	D. Beadle	3/18/96	2:15
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	JmJ	3-18-96	2:10	D. Beadle	3/18/96	2:15			
CLEANLINESS	✓	"	"	—	✓	✓			
RELEASING AGENT	✓	"	"	—	✓	✓			
TIES AND BOLTS	✓	"	"	—	✓	✓			
LENGTH 28.40'	✓	"	"	—	✓	✓			
WIDTH 2.25'-1.00'	✓	"	"	—	✓	✓			
HEIGHT 11.90'	—	"	"	—	✓	✓			
WATERSTOPS	✓	"	"	—	✓	✓			
CHAMFER STRIPS	✓	"	"	—	✓	✓			
F. WEATHER PROTECTION	JmJ	3-18	2:15	D. Beadle	"	"			
G. SAFETY (LIST)	JmJ	3-18	2:15	"	"	"			
1. Ladder	✓	"	"	—	✓	✓			
2. Scaffolding	✓	"	"	—	✓	✓			
3. Eye Protection	✓	"	"	—	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	3-18	2:15	D. Beadle	"	"			
Exp. Material	✓	"	"	✓	"	"			
FL-340 Anchors	✓	"	"	—	✓	✓			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Mantis Crane	1	#3612	2:15	1.0					
Bucket	1	1.25 C.Y.	"	"					
Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 78° ;								
	AIR TEMPS = 80° ; 3 Test Cylinders (LA-158)								
FINAL CLEARANCE									
CONTRACTOR REPRS: Jerry M. Justice					C.O.E. REPRS: David Beadle				
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.									

FL . CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.
DACW29-94-C-0079

MONOLITH
West # 50

LIFT NO. one

ELEVATION
from 3.00 to 14.40

DATE OF POUR
3-18-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-18-96	1:45	D. Beadle	3/18/96	2:00
VERTICAL	/	11	11	/	~	~
ALIGNMENT	/	11	11	/	~	~
CLEANLINESS	/	11	11	/	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-18	1:45	D. Beadle		
CLEANLINESS	/	11	11	/	~	~
WATERED	/	11	11	/	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-18	1:50	D. Beadle		
VERTICAL	/	11	11	/	~	~
HORIZONTAL	/	11	11	/	~	~
SPACING	/	11	11	/	~	~
CLEARANCES	/	11	11	/	~	~
STEEL SCHEDULE	/	11	11	/	~	~
SHOP DRAWINGS	/	11	11	/	~	~
TIE WIRES	/	11	11	/	~	~
#6 BAR WELDED	/	11	11	/	~	~
CLEANLINESS	/	11	11	/	~	~
WATERED	/	11	11	/	~	~
E. FORMWORK	Jmj	3-18	1:50	D. Beadle		
CONDITION	/	11	11	/	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMJ	3-18-96	1:50	D. Beadle	3/18/96	2:00		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.90'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	JMJ	3-18	1:55	D. Beadle	"	"		
G. SAFETY (LIST)	JMJ	3-18	1:55	"	"	"		
1. Eye Protection	✓	"	"	✓				
2. Ladder	✓	"	"	✓				
3. Scaffold	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	JMJ	3-18	2:00	D. Beadle				
FL-420 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	405	1:55	1.75				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 78° ;							
	AIR TEMPS = 80° ; 3 Test Cylinders (LA-158)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC.
 LONDON VENUE CANAL FLOODWALL PRO. T
 CONCRETE FIELD DATA SUMMARY

DATE: 3-18-96

Pour Location West I-Wall Monolith #50, EAST MONO #61;
EAST STAB. SLAB. from sta. 88+00 → 87+65.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.
at 90 days

TICKET NO	TIME ARRVD	TIME CNPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
315649	2:14	2:45	2.5°	15 Gal.	4.0 ^x	78° 80°	6.0	3	2:25	9.5	EAST MONO #61
315668	2:45	3:18	3.0°	15 Gal.	4.5°	77° 80°	-	-	3:00	9.5	EAST MONO #61
315678	4:05	4:15	2.5°	5 Gal.	5.0°	77° 78°	-	-	4:10	2	EAST STAB. SLAB.
315683	5:23	5:40	1.0°	10 Gal.	5.0°	78° 76°	-	-	5:25	2	EAST STAB. SLAB.
315645	1:55	2:25	3.0°	10 Gal.	4.0 ^x	78° 80°	5.3	-	2:05	9	WEST MONO #50
315661	2:56	3:45	3.0°	10 Gal.	4.5°	77° 80°	-	-	3:20	8	WEST MONO #50

Test Cylinder Set #LA-158

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

TECHNICIAN:

Steve Thome

**INSPECTOR'S 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
305

DATE Friday
15 March 1996

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

Project: Metairie, 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
P. Cloudy and 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
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE	
FEET	TIME
1.0	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 20	16 - 145	16 - 143	34 - 308

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. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Resteel Installation.
- c. Gill's Crane Service - Install Sheet Pile

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 placed 2 monoliths.
- b. Tied resteel for monoliths
- c. Drove CZ-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996.

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

Progressive work was performed today.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 65.50
PERCENT TIME ELAPSED: 88.40

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Concrete I-Wall - No instructions given.
- Re-steel Placement - No instructions given.
- Sheet Pile - No instructions given.

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

Concrete Floodwall - Observed B&K wrecking forms and pouring concrete for West Mono #45 and East Mono #62. Forms were cleaned and patched before they were set up. Wet Burline blankets were placed over new monoliths to begin curing process. Performed Pre-Placement Inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts less than 18", and was well vibrated.

Arcadia Re-bar - Tied re-steel for West Mono #45 and East Mono #62.

Gill's Crane Service - Drove new CZ-101 sheet piles between West B/L Sta.

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

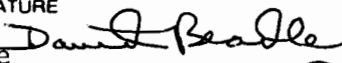


Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	8	QAR

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

Contractor personnel wearing ear protection when working around loud equipment.

INSPECTOR'S SIGNATURE David Beadle 	DATE 3/18/96	SUPERVISOR'S INITIALS 	DATE 4/1/96  3/22/96
---	-----------------	--	---

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

DATE: 3/15/96

REPORT NO.: 381

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 58 MIN 80 MAX

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

WORK PERFORMED/LOCATION

- ① B+K Construction - wrecked forms at East Mono. #63, West Mono's #42 and #44, then patched tie-bolt holes and covered these walls with wet burlene, set forms and top re-steel mats at East Mono. #62 + West Mono. #45, then placed concrete at East Mono. #62 and West Mono. #45 today. Also formed and poured concrete stabilization slab from West B station 83+55 to station 84+60, and from East B sta. 88+30 to 88+00. Welded #6 rebar on top of AZ-18 sheet piles at East Mono's #62 and #61. Installed one bond cable at East Mono. Joint #60-61. Performed structural excavation from East B sta. 88+10 to Sta. 87+80. Cut off existing MP-112 sheet piles one foot below F.G. from East B sta. 88+45 to sta. 88+10. Cut existing MP-115 sheet piles at elev. 1675 for Temp. Flood Protection and concrete cap removal from West B sta. 88+75 to 89+50. Cut holes for rebar at East Mono's #62 and #61, and at West Mono's #47 and #48 (SEE REMARKS ON PAGE #3). Cement finishing crews completed repair work on East Mono. #73 and 1/2 of #72, and at West Mono's #13 and 1/2 of #14.
- ② Gill's Crane Service - Drove new CZ-101 sheet piles from West B sta. 87+16.39 to sta. 87+83.05 (37 pcs. at 20.25' long each).
- ③ Arcadia Rebar - Tied btm. steel at West Mono. #47 and East Mono. #62. Pre-tied 4 top re-steel mats for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	135	B+K Const.	Wrecking, forming, pouring, finishing, & curing I-Wall monoliths; Forming & pouring slab concrete; Cathodic protection work; Cutting off existing sheet piles. (SEE ABOVE)
12	Skilled	115	"	
1	Supt.	10	"	
1	Q.C. Rep.	10	"	
2	Skilled	16	Gill's Crane	Driving New CZ-101 sheet piles (SEE ABOVE)
1	Unskilled	8	"	
2	Skilled	14	Arcadia Rebar	Tying Reinforcing steel for 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	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	5	3	—
Koehring 535 Crane	—	yes	8	0	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 46 c.y. of concrete from Lafarge today, and placed this material as follows: 19 c.y. in East Mono #62; 17 c.y. in West Mono #45; 2 c.y. in East Stabilization slab; and 8 c.y. in West Stabilization slab.

TESTS PERFORMED

(As required by plans/specifications)

B&K Construction tested concrete delivered by Lafarge Concrete Company today. Results are on the attached Concrete Summary Sheet. Three test cylinders were molded to be delivered to the Government Lab by B&K Construction on Monday.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked sheet pile work done today on the West Bank. Sheet pile alignment was correct within 0.08' plus or minus. Interlocks were engaged for the full length of the piles. Cut off elevation was +6.25 except for at the monolith joints, where one pair of C2-101's on each side of the joint were driven to elev. +5.50, plus or minus 0.05'. Plumbness of piles was within 1/8" per foot in both directions.

Inspected formwork and embedded items on East Mono #62 and West Mono #45. LMN Form #1246 was completed for both these monoliths as a checklist prior to concrete placement. Top chamber strip grade was found to be at elev. +14.40, plus or minus 0.02'. Re-steel clearances were adequate; 2" to 3" at all points. Forms were clean, and coated with form release agent. Re-steel was free of dirt, oil, heavy rust, or other debris.

JOB SAFETY

Checked concrete bucket rigging on the East and West Bank pour locations. Wire rope slings and screw pin anchor shackles were in good condition. Safety latches were in place on swivel and hook on the West Bank. Rigging was shackled directly to the padeye on the Komatsu 200. No excessive wear or damaged rigging was found.

REMARKS

* Omitted from Q.C. Daily Report # 379 (3-13-96):
"Cut holes for rebar at East Mono's #64 and #63, and at West Mono's #44, #45, and #46."

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 Inatua

Authorized Q C Representative

3-18-96

Date

FORM CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.
DACW29-94-C-0079

MONOLITH
West # 45

LIFT NO.: one

ELEVATION
from 3.00 to 14.40

DATE OF POUR
3-15-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-15-96	11:40	D. Beadle	3/15/96	11:45
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-15	11:40	D. Beadle	3/15/96	11:45
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-15	11:45	D. Beadle	3/15/96	11:45
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	3-15	11:50	D. Beadle	3/15/96	11:45
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-15-96	11:50	D. Beadle	3/15/96	11:45		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.88'	✓	"	"	✓				
WIDTH 1.75-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-15	11:55	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	3-15	11:55	D. Beadle	"	"		
1. Scaffold	✓	"	"	✓	}	}		
2. Ladder	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-15	11:55	D. Beadle	"	"		
Exp. Material	✓	"	"	✓	}	}		
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	405	1:15	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.0" ; AIR ENTR. = 5.9% ; CONCRETE TEMPS = 75° ;							
	AIR TEMPS = 82° ; 3 Test Cylinders (LA-157)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

CHECK OUT FOR

STRUCTURE

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 # 62

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-15-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMJ	3-15-96	1:30	D. Beadle	3/15/96	1:30
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMJ	3-15	1:30	D. Beadle	3/15/96	1:30
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMJ	3-15	1:35	D. Beadle	"	"
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMJ	3-15	1:35	D. Beadle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMJ	3-15-96	1:40	D. Beadle	3/15/96	1:30		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.45'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 16.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	JMJ	3-15	1:45	D. Beadle	"	"		
G. SAFETY (LIST)	JMJ	3-15	1:45	D. Beadle	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging Check	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	JMJ	3-15	1:45	D. Beadle	"	"		
EXP. material	✓	"	"	✓	}	}		
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	2:15	1.5				
Bucket	1	1.25 C.Y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3.0" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 76° ;							
	AIR TEMPS = 81° ; 3 Test Cylinders (LA-157)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
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: 3-18-96

TIME: 7:00 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice - Deputy Brown	Malcolm B. Luttles
FRANK BERNARD - Inspector	Milly Cozart
Robert Allen	Bill Bell
One for Army Corps	George Jones
Glenn Kusan	Michael J. Bell
John Wain	Gene Carley
Ernest Jackson	Nathaniel Ross
GLEN WEAVER	Bruce Jones
Willie DITTON	James Lee
Archie P. ...	Andre Slack
TOPICS DISCUSSED:	Bryan Verdum
Spred Arnold	
James K. ...	

* TOPICS: Discussed general housekeeping on the jobsite and in areas where we park and eat lunch. Lunch and snack trash must be picked up daily, and everyone is responsible for their own trash pickup. Weekly clean up details should be organized by crew foremen and/or superintendent. Scaffolds should always be kept clean and free of debris, and loose tools or materials. Only items that are essential for placement of concrete should be allowed on the scaffold. Daily clean up and stacking of materials should be done, with special attention given to walkways and immediate work areas.

COMMENTS:

Also talked about the dangers of becoming complacent in the work place. Many tasks that are performed daily can be potentially dangerous and even fatal if workers don't pay attention to all safety requirements. Doing repetitive tasks for weeks, months, or years can lead to a false feeling of safety. No safety device or program can prevent accidents as well as the individual worker.

[Signature]
CONTRACTOR'S SUPERINTENDENT

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

DATE: 3-15-96

Pour Location West I-Wall Monolith #45, EAST MONO.#62,
and Stab. Slab EAST B 88+30 to 88+00.
WEST B 83+55 to 84+60.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.
at 90 days

TICKET NO	TIME ARRVD	TIME CHPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
315355	1:15	2:48	3.5°	5 Gal.	4.0 ^x	75° 82°	5.9	-	1:20	9	WEST MONO #45
315377	2:05	2:45	3.0°	10 Gal.	4.25°	75° 82°	-	-	2:10	8	WEST MONO #45
315387	2:14	3:00	2.0°	20 Gal.	3.0 ^x	76° 82°	5.0	3	2:20	10	EAST MONO #62
315411	3:00	3:45	3.0°	10 Gal.	4.25°	75° 81°	-	-	3:15	9	EAST MONO #62
315426	4:00	4:15	2.5°	5 Gal.	5.0°	75° 80°	-	-	4:10	2	EAST STAB. SLAB
315402	2:52	3:50	2.5°	15 Gal.	4.5°	76° 80°	-	-	3:00	8	WEST STAB. SLAB

Test Cylinder set #LA-157

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

TECHNICIAN:
Steve Home

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
304

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

DATE Thursday
14 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
P. Cloudy and Warm

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 58 MAXIMUM 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 0.0 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1 - 1	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 2 - 9	LABOR
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Canal RIVER STAGE
FEET 1.0 TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 18.5	SKILLED 15 - 157	LABORERS 16 - 153	TOTAL 33 - 328.5
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NUMBER OF SHIFTS 1 2 3

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. - Floodwall, Demolition and Erosion Control.
- b. Arcadia Re-Bar - Re-Steel Installation.
- c. Gill's Crane Service - Install Sheet Pile

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

- a. Set forms and placed 3 monoliths.
- b. Tied resteel for monoliths.
- c. Drove CZ-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 and 8 March 1996.

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

Progressive work was performed today.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 65.00
PERCENT TIME ELAPSED: 88.26

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Concrete I-wall - No instructions given.
- Re-steel Placement - No instructions given.
- Sheet Pile - No instructions given.

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

Concrete Floodwall - Observed B&K wrecking forms and pouring concrete for East Mono# 63 and West Mono's #42 and #44. Forms were cleaned and patched before they were set up. Wet Burline Blankets were placed over new monoliths to begin curing progress. Performed Pre-Placement Inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts less than 18', and was well vibrated. Cut of existing AZ-18 sheet piles at elevation 5.25 between East B/L Sta. 88+20 to 87+75 and cut existing MP-115 at elev. 6+75 for temporary flood protection. Cement finishers completed repairs on East Mono #74, 1/2 of #73 and West Mono #13. Contractor's survey party completed layout of sheet pile between West B/L 85+90 to 99+00.

Arcadia Re-bar - Tied re-steel for West Mono's #45 and #46, and East Mono #63.

Gill's Crane Service - Drove new CZ-101 sheet piles between West B/L 85+88.20 to 87+16.3 (71 pieces / 20'3" each).

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	Civil Engr.	1	Proj. Engr.
D. Beadle	Const. Insp.	9	QAR

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

Observed contractor replacing missing toe board on monolith form before concrete was placed.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

David S. Beadle

3/15/96

UP

3/18
W 3/11/96

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed steel sheet piling driving operations between Filmore + Pumping Sta. #4 on west side. Steel template used to control alignment + level, used to check plumbness of sheets. No difficult driving observed. Also observed cutting of existing sheet piling to ab. 6-75' for temp flood protection + finishing rubbing previously placed Inwalls filling holes + patching deficient concrete.

Instructions to COC/Remarks:

None given.

Chris Wagner
Name

Proj Engr
Title

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

DATE: 3/14/96

REPORT NO.: 380

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 58 MIN 80 MAX

DUST: Some

LEEVE CONDITION: Dry CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #64, West Mono. #38, and West Mono. #40. Patched holes and then covered these walls with wet burlene, set forms and top re-steel mats at East Mono. #63, West Mono. #42 and #44. Placed concrete at East Mono. #63, and at West Mono's #42 + #44 today. Formed and poured concrete in stabilization slab from East B Station 88+55 to 88+30. Installed one bond cable at East Mono. Joint #62-61. Performed structural excavation from East B sta. 88+50 to sta. 88+10. Cut off existing AZ-18 sheet piles at elev. +5.25 from East B Sta. 88+20 to sta. 87+75. Cut existing MP-115 sheet piles at elev. +6.75 for Temp. Flood Protection and concrete cap removal from West B Sta. 85+85 to station 86+85, and from West B Sta. 87+75 to 88+75. Broke concrete cap into 20' long sections from West B Sta. 85+85 through Sta. 89+80 (not removed yet). Cement finishers completed repair work on East Mono. #74 and 1/2 of #73, and West Mono. #13. Survey crew completed sheet pile layout between West B 85+90 and 99+60.

ARCADIA REBAR - Tied bottom re-steel at West Mono. #45 and #46, and at East Mono. #63. Pre-tied 3 more re-steel tops.

GILL'S CRANE SERVICE - Drove new CZ-101 sheet piles from West B Sta. 85+88.20 to sta. 87+16.30 (21 pcs. at 20'-3" long each piece).

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	Wrecking & Setting I-wall forms;
12	Skilled	125	"	Placing I-wall concrete + stab. slab
1	Supt.	10	"	concrete; structural excavation;
1	Q.C. Rep.	8.5	"	cutting existing sheet piles;
				Curing & finishing I-wall concrete;
				Survey - layout of work; Temporary
				Flood Protection. (SEE ABOVE)
2	Skilled	16	Arcadia Rebar	Tying reinforcing steel for I-wall
				Monoliths (SEE ABOVE)
2	Skilled	16	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	8	"	piles for I-wall (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	6	2	—
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator	—	yes	3	5	—
Case 580 Backhoe #1	—	yes			
Case 580 Backhoe #2	—	yes			
Koehring 535 Crane	—	yes	8	0	—
Koehring 405 Crane	—	yes	5	3	—
MKT Vibro Hammer	—	yes	8	0	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	6	2	—
JSW Excavator	—	yes	2	6	—
Welding Machine	—	yes	1	7	—
RAMEX Roller-Packer	—	No	0	8	—
EMV-300 Vib Hammer	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 #2	—	yes	3	5	—

MATERIALS RECEIVED

Received 56 c.y. of concrete from Lafarge today (Mix #44-C), and placed this material in I-Wall and stabilization slab as follows: 19 c.y. in East Mon. #63; 17 c.y. each in West Mon. #42 and #44; and 3 c.y. in East Bank Stabilization Slab. Delivery tickets and batch information were furnished to the Project Inspector for each truck load.

TESTS PERFORMED

(As required by plans/specifications)

B/K Construction tested and inspected concrete material delivered by Lafarge Conc. Co. today. Results of these tests can be found on the attached "Concrete Field Data Summary" Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the C2-101 sheet piles driven today on the West Bank today between B station 85+88 and 87+16. Piles were 20'-3" long, driven to a cut off elevation of +6.25. All piles were fully interlocked, and driven within 0.10' of the theoretical Q_c . Plumbness was within 1/8" per foot in both planes. Monolith lengths were 28.88', plus or minus 0.08'. No obstructions were encountered today. Alignment was controlled using a 40' Steel template set to surveyors & alignment stakes. Cut off elevation was controlled using a laser level.

Checked formwork on I-Wall Monoliths poured today. LMN Form #1246 was completed as checklist prior to concrete placement. No deficient items were found upon today's inspection. Checked elevation at top of I-Wall monoliths, and found top of walls to be set at elev. +14.42 Land Side and +14.40 Canal Side, plus or minus 0.02'.

JOB SAFETY

Found toe-boards missing from one I-Wall scaffold on the West Bank today. Carpenters replaced the toe-boards on this scaffold before concrete placement began.

Checked ladders on all three I-Wall scaffolds today. Ladders were in good condition, and were tied off to prevent unwanted movement.

REMARKS

OMITTED FROM PAGE # 1 - Welded #6 rebar on top of A2-18 sheet piles at East monolith #63.

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

Jerry Justice
Authorized Q C Representative

3-15-94
Date

1 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 West # 44

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-14-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	3-14-96	1:05	D. Beadle	3-14-96	1:10
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	3-14	1:05	D. Beadle	3-14	1:10
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	3-14	1:10	D. Beadle	3-14	1:10
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmd	3-14	1:10	D. Beadle	3-14	1:10
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-14	1:15	D. Beadle	3-14	1:20		
CLEANLINESS		"	"	/				
RELEASING AGENT	✓	"	"	/				
TIES AND BOLTS	✓	"	"	/				
LENGTH 28.86'	✓	"	"	/				
WIDTH 1.75'-1.00'	✓	"	"	/				
HEIGHT 11.40'	✓	"	"	/				
WATERSTOPS	✓	"	"	/				
CHAMFER STRIPS	✓	"	"	/				
F. WEATHER PROTECTION	Jmj	3-14	1:15	D. Beadle	3-14	1:20		
G. SAFETY (LIST)	Jmj	3-14	1:15	D. Beadle	3-14	1:20		
1. Ladder		"	"	/				
2. Scaffold	✓	"	"	/				
3. Rigging	✓	"	"	/				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-14	1:20	D. Beadle	3-14	1:20		
Exp. Material		"	"	/				
FL-400 Anchors	✓	"	"	/				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:10	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 76° ; AIR TEMPS = 80° ; 3 Test Cylinders (LA-156)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
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 STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 63

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-14-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-14-96	12:45	D. Beadle	3-14-96	12:50
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-14	12:45	D. Beadle	"	"
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-14	12:50	D. Beadle	"	"
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	3-14	12:50	D. Beadle	3-14-96	12:50
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-14	12:55	D. Beadle	3-14	1:00		
CLEANLINESS	/	"	"	/				
RELEASING AGENT	/	"	"	/				
TIES AND BOLTS	/	"	"	/				
LENGTH 28.42'	/	"	"	/				
WIDTH 2.25'-1.00'	/	"	"	/				
HEIGHT 11.90'	/	"	"	/				
WATERSTOPS	/	"	"	/				
CHAMFER STRIPS	/	"	"	/				
F. WEATHER PROTECTION	Jmj	3-14	12:55	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	3-14	12:55	"	"	"		
1. Ladder	/	"	"	/				
2. Rigging	/	"	"	/				
3. Scaffold	/	"	"	/				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-14	1:00	"	"	"		
EXP. Material	/	"	"	/				
FL-340 Anchors	/	"	"	/				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1:50	2				
Bucket	1	1.25 C.H.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3" ; AIR ENTR. = 5.8% ; CONCRETE TEMPS = 76° ; AIR TEMPS = 80° ; 3 Test Cylinders (LA-156)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
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

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.
 DACW29-94-C-0079

MONOLITH
 West # 42

LIFT NO.: one

ELEVATION
 from 3.00 to 14.40

DATE OF POUR
 3-14-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-14-96	11:00	D. Beable	3/14/96	11:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-14	11:05	D. Beable	3/14/96	11:05
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-14	11:05	D. Beable	3/14/96	11:05
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	3-14	11:10	D. Beable	3/14/96	11:05
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-14-96	11:10	D. Beadle	3/14/96	11:15
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.88'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 11.40'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	3-14	11:15	D. Beadle	3/14/96	11:15
G. SAFETY (LIST)	Jmj	3-14	11:15	"	"	"
1. Ladder	✓	"	"	✓		
2. Scaffold	✓	"	"	✓		
3. Rigging Check	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-14	11:20	D. Beadle	3/14/96	12:15
Exp. Material	✓	"	"	✓		
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:00	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 3 3/4" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 76° ;
 AIR TEMPS = 80° ; 3 Test Cylinders (LA-156)
 FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

INSTRUCTIONS

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

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

DATE: 3.14.96

Pour Location West I-Wall Monoliths #42 and #44, and East Monolith #63; stabilization slab from East B Sta. 88+55 to Sta. 88+30.
 Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I. at 90 days

TICKET NO	TIME ARRVD	TIME CMLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
314981	1:49	2:19	1.5°	25gal.	4.0°	78° 80°	-	-	1:50	10	EAST MONO #63
315053	3:15	3:50	1.0°	20gal	3.0 ^x	76° 80°	5.8	3	3:20	9	WEST MONO #42
314966	1:00	1:25	1.50°	20Gal	3.75 ^x	76° 80°	5.5	-	1:15	9	WEST MONO #44
314998	1:42	2:25	4.0°	0.	4.0°	77° 80°	-	-	1:50	8	WEST MONO #44
315051	3:10	3:45	4.0°	0.	4.0°	76° 80°	-	-	3:15	9	EAST STAB SLAB
315082	4:10	4:42	2.75°	10Gal	4.5°	76 78	-	-	4:15	8	
315094	4:40	4:56	2.0°	10Gal	5.0°	76 78	-	-	4:45	3	

Test Cylinder set #LA-156

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

TECHNICIAN:

Steve Thome

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
303

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

DATE Wednesday
13 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
P. Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE
MINIMUM 50 MAXIMUM 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 0.0 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE
FEET 0.9 TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 21	SKILLED 17 - 158	LABORERS 17 - 159	TOTAL 36 - 348
-----------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

1 2 3

FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
-------------	-----------	--------	------	--------	------

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control.
- b. Arcadia Re-bar - Re - Steel Installation.
- c. _____

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

- a. Set forms and placed concrete for 3 mono's, sheet pile layout.
- b. Tied re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 & 8 March 1996

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

Progressive work was performed this day.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 64.50
PERCENT TIME ELAPSED: 88.12

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Concrete Floodwall - No instructions given.
Re-steel Placement - No instructions given.

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

Floodwall - Observed contractor setting forms for West and East floodwall and placing 3000# concrete in East Mono #64 and West Mono's #38 and #40. Forms were cleaned and patched before they were set up. Wet Burline Blankets were placed over new monoliths to begin curing process. Performed Pre-Placement Inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts less than 18', and was well vibrated. Cement finishers continued work on East #75, 1/2 of #74 and West #13, all on canal side. Cut off existing MP-112 sheet piles one foot below final grade at East B/L Sta. 88+60 to 88+45.

Arcadia Re-bar - Placed and tied re-steel for East Mono# 64 and West Mono's #40 and #44.

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
D. Beadle	Const. Insp.	9	QAR

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

Checked back up alarm on Case 540 backhoe and found it working properly.

INSPECTOR'S SIGNATURE

David Beadle

DATE

3/14/96

SUPERVISOR'S INITIALS

ym

DATE

3/11/96

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

DATE: 3/13/96

REPORT NO.: 379

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.:

MIN

MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.9) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #65 and West Mono. #43, then patched holes and covered these walls with wet burlene. Set forms and top re-steel mats at East Mono. #64, West Mono. #38, and West Mono. #40. Placed concrete at East Mono. #64, West Mono. #38 and #40, and Pedestrian Bridge Gap Closure (\pm West B Sta. 85+00). Welded #6 bond bars on top of CZ-101 sheet piles at West Mono. #47, #48, #49, #50, and #51. Cut off existing MP-112 sheet piles one foot below F.G. from East B Sta. 88+60 to Sta. 88+45. Piled up sheet pile cut-off scraps on the land side levee crown between East B Sta. 95+00 and 89+00 to be hauled off this week for salvage. Continued work on tapered frac. fix form.

Cement finishers continued canal side repair work on East Mono. #75 and $\frac{1}{2}$ of #74, and on West Mono. #13. Survey crew continued sheet pile layout from Filmore to Prentiss (West).

Gill's Crane Service - Set up crane, driving template, and Vibratory Hammer to begin driving sheet piles tomorrow.

Arcadia Rebar - Tied btm. re-steel at East Mono. #64, West Mono. #40, and West Mono. #44. Pre-tied 3 top steel mats for future use.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	Wrecking & setting up I-Wall forms;
13	Skilled	130	"	Placing, curing, & finishing
1	Supt.	10	"	I-Wall concrete; setting top re-steel
1	Q.C. Rep.	11	"	mats; Cathodic Protection work;
				Cutting off existing sheet piles;
				Survey - Layout of work; Ped.
				Bridge Gap Closure. (SEE ABOVE)
1	Skilled	7	Gill's Crane	
2	Unskilled	14	"	Setting up to resume driving
				Sheet piles (SEE ABOVE)
3	Skilled	21	Arcadia Rebar	Tying Reinforcing steel for
				I-Wall Monoliths (SEE ABOVE)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	6	2	—
Komatsu D37P Dozer	—	Yes	4	4	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	2	6	Yes
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	Yes	3	5	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	4	4	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 4 c.y. of concrete (Lafarge's Mix Design #44-C) and placed this material as follows: 17 c.y. each in West Monoliths #38 and #40; 19 c.y. in East Monolith #64; and 1 c.y. in West Bank Pedestrian Bridge Gap Closure form at Filmore Avenue.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested and inspected concrete material delivered by Lafarge today. Find results attached on the "Concrete Field Data Summary Sheet". Three test cylinders were molded as always, to be delivered to the Government Lab for Compressive Strength Tests by BTK Construction Company.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the cathodic protection work done on the West Bank today. The #6 rebar was clean and tack welded to each piece of sheet pile (on top of CZ-101 sheets), but did not extend through the expansion joints (or I-wall monolith joints). Welds were checked to insure a good bond to steel sheet piles. This completes the cathodic protection work for this reach of I-wall - from Mirabeau to Filmore (West Bank).

Checked I-wall formwork, re-steel, and all other embedded items today on the monoliths poured, prior to commencing placement of concrete. Checklists for formwork (LMN Form #1246) were completed for each monolith poured today, signed off by myself and the Government Inspector. Only minor adjustments were required on today's work. Re-steel clearances on the top of West Monolith #40 had to be adjusted using plastic tipped bar supports. The final position of the top re-steel was centered in the wall of form, with 2" to 3" clearance each side.

JOB SAFETY

Checked with pile drivers setting up to resume sheet pile work. Instructed them to check nuts + bolts on V-5 Vibratory Hammer for proper tightening. Also checked this crew for hard hats and steel toe safety boots. No deficiencies were noted today.

REMARKS

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

Jerry Justice

Authorized Q C Representative

3-14-90

Date

FORM CHECK OUT FOR STRUCTURE REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 64

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-13-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	3-13-96	2:40	D. Beadle	3/13/96	3:45
VERTICAL	✓	"	"	D. Beadle	"	"
ALIGNMENT	✓	"	"	✓	"	"
CLEANLINESS	✓	"	"	✓	"	"
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	3-13	2:40	D. Beadle	"	"
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	3-13	2:45	D. Beadle	3/13/96	3:45
VERTICAL	✓	"	"	✓	}	}
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmd	3-13	2:45	D. Beadle	3/13/96	3:45
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	3-13-96	2:45	D. Beable	3-13-96	3:45		
CLEANLINESS		"	"	/				
RELEASING AGENT	✓	"	"	/				
TIES AND BOLTS	✓	"	"	/				
LENGTH 28.45'	✓	"	"	/				
WIDTH 2.25'-1.00'	✓	"	"	/				
HEIGHT 11.90'	✓	"	"	/				
WATERSTOPS	✓	"	"	/				
CHAMFER STRIPS	✓	"	"	/				
F. WEATHER PROTECTION	<i>Jmj</i>	3-13	2:50	D. Beable	3/13/96	3:45		
G. SAFETY (LIST)	<i>Jmj</i>	3-13	2:50	"				
1. Eye Protection	✓	"	"	✓				
2. Ladder	✓	"	"	✓				
3. Scaffold	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	3-13	2:50	"	3/13/96	3:45		
Exp. Material	✓	"	"	✓				
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	3:35	1.5				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 72° ; AIR TEMPS = 75° ; 3 Test Cylinders (LA-55) FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jerry M. Justice</i>				C.O.E. REPRS: <i>David Beable</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

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 38

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-13-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	3-13-96	11:40	D. Beable	3-13-96	11:30
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMD	3-13	11:40	D. Beable		
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	3-13	11:45	D. Beable	3-13-96	11:30
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	3-13	11:50	D. Beable	3/13/96	11:30
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	<i>Jmj</i>	3-13-96	11:50	D. Beadle	3/13/96	11:30
CLEANLINESS	✓	"	"	✓	}	}
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.85'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 11.40'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	3-13	11:55	D. Beadle	"	"
G. SAFETY (LIST)	<i>Jmj</i>	3-13	11:55	"	"	"
1. Ladder	✓	"	"	✓	}	}
2. Scaffold	✓	"	"	✓		
3. Handrails	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	3-13	11:55	D. Beadle	"	"
EXP. Material	✓	"	"			
FL-400 Anchors	✓	"	"			

I. EQUIPMENT USED	NO.	TYPE	TIME		NO.	TYPE	TIME	
			HOURS				HOURS	
Komatsu 200	1	Excavator	1:05	1.75				
Bucket	1	1.0 cu. yd.	"	"				
Generator	1	Gasoline	"	"				
Vibrator	1	18' shaft	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 4.9% ; CONCRETE TEMPS = 72° ;
 AIR TEMPS = 75° ; 3 Test Cylinders (LA-155)

FINAL CLEARANCE

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

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

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 40

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-13-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmf</i>	3-13-96	2:30	<i>D. Beadle</i>	3/13/96	2:40
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmf</i>	3-13	2:30	<i>D. Beadle</i>	3/13/96	2:40
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmf</i>	3-13	2:35	<i>D. Beadle</i>	3/13/96	2:40
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jmf</i>	3-13	2:40	<i>D. Beadle</i>	3/13/96	2:45
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>Jmf</i>	3-13-96	2:40	<i>D. Beadle</i>	3-13-96	2:45			
CLEANLINESS	✓	"	"	✓	}	}			
RELEASING AGENT	✓	"	"	✓					
TIES AND BOLTS	✓	"	"	✓					
LENGTH 28.87'	✓	"	"	✓					
WIDTH 1.75'-1.00'	✓	"	"	✓					
HEIGHT 11.40'	✓	"	"	✓					
WATERSTOPS	✓	"	"	✓					
CHAMFER STRIPS	✓	"	"	✓					
F. WEATHER PROTECTION	<i>Jmf</i>	3-13	2:45	<i>D. Beadle</i>	3/13/96	2:45			
G. SAFETY (LIST)	<i>Jmf</i>	3-13	2:45	"	"	"			
1. Eye Protection	✓	"	"	✓	}	}			
2. Rigging	✓	"	"	✓					
3. Scaffolding	✓	"	"	✓					
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmf</i>	3-13	2:45	<i>D. Beadle</i>	3/13/96	2:45			
Exp. Material	✓	"	"	✓	"	"			
FL-400 Anchors	✓	"	"	✓	"	"			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	3:00	2					
Bucket	1	1.0 cu yd	"	"					
Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 71° ;								
	AIR TEMPS = 75° ; 3 Test Cylinders (LA-155)								
FINAL CLEARANCE									
CONTRACTOR REPRS: <i>Jerry M. Justice</i>					C.O.E. REPRS: <i>David Beadle</i>				
INSTRUCTIONS									
<p>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.</p>									

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

DATE: 3-13-96

Pour Location West I-Wall Monoliths #38, #40, and East Mono. #64;
West Bank Pedestrian Bridge Gap Closure at Filmore Avenue.

Supplier - LAFARGE CONCRETE COMPANY (± Station 85+00)

Type of Mix used #44-C Required Strength 3000 P.S.I.
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
314616	1:05	1:25	3.5°	5Gal	4.0 ^x	72°	75°	49	-	1:15 9
314639	1:35	2:45	2.5°	15Gal	4.5°	71°	75°	-	-	1:40 8
314716	3:36	3:56	3.0°	15Gal	4.5 ^x	72°	75°	5.2	3	3:45 10
314731	4:20	4:55	3.0°	10Gal	4.0°	72°	75°	-	-	4:25 9
314676	3:00	3:45	2.0°	20Gal	4.0°	71°	75°	-	-	3:15 9
314719	4:10	5:00	4.0°	5Gal	4.5°	71°	73°	-	-	4:35 9

West Mono. #38
 East Mono. #64
 West Mono. #40 andy
 Ped. Bridge Gap Closure

Test Cylinder Set #LA-155

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

TECHNICIAN: Steve Thome

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
302

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

DATE Tuesday
12 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
P. Cloudy and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM 45	MAXIMUM 60

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

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE	
FEET 1.0	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 18.5	SKILLED 19 - 168	LABORERS 15 - 142	TOTAL 36 - 328
-------------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1730 M	FROM M	TO M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control.
- b. Arcadia Re-bar - Re-steel Installation.
- c. _____

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

- a. Set forms and placed concrete for 2 mono's.
- b. Tied re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 & 8 March 1996

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

Progressive work was performed this period.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 64.00
PERCENT TIME ELAPSED: 87.98

COC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Concrete Floodwall - No instructions given.
Re-steel Placement - No instructions given.

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

Concrete Floodwall - Observed contractor setting forms for West and East floodwall and placing 3000# concrete in East Mono #65 and West Mono #43. Forms were cleaned and patched before they were set up. Wet Burline blankets were placed over new monoliths to begin curing process. Performed Pre-Placement INSpection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts less than 18', and was well vibrated.

Arcadia Re-bar - Tied re-steel for East Mono #65 and WEST Mono #43 that were placed today.

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. Beadle	Const. Insp.	8	QAR

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

Checked for fuel or oil leaks on Mantis 3612 Crane and found none.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 03/13/96	SUPERVISOR'S INITIALS <i>W</i>	DATE 3/15/96
---	------------------	-----------------------------------	-----------------

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

DATE: 3/12/96

REPORT NO.: 378

SKIES: Clear

RAIN: 0

IN. TEMP.: 40 MIN 67 MAX

DUST: Minimal

LEVEE CONDITION: Dry

CANAL GAUGE: (0.8)

NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #66, West Mono. #36, and West Mono. #41 today. Patched tie-bolt holes and covered these walls with wet burlene for 7 day curing. Set forms and top re-steel mats at East Mono. #65 and West Mono. #43, then placed concrete at East Mono #65 and West Mono #43. Poured concrete slab, slab from West B Sta. 82+50 to 83+55, and from East B Sta. 88+85 to 88+55. Installed bond cables at East Mono. Joint #63-62 and West Mono. Joint #50-51. Cut existing MP-112 sheet piles off one foot below Fin. Grade from East B Sta. 88+85 to Sta. 88+60. Performed structural excavation from East B Sta. 88+75 to Sta. 88+50. Tied reinforcing steel and set up forms at Pedestrian Bridge Gap Closure West B Sta. ± 85+00 (not poured yet). Began constructing tapered fractured fin form panel. Cement finishers completed repairs on Canal side of East Mono. #75 and West Mono. #12. Surveyor began sheet pile layout for the reach of I-Wall between Filmore and Prentiss - West side. ARCADIA REBAR - Tied bottom re-steel at West Mono's #38 #42, and #43, as well as East Mono. #65. Pretied 3 top re-steel mats. GILL'S CRANE SERVICE - Moved Kochring 535 Crane to Filmore West Bank; moved barge and vibratory hammer also. No other work performed today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) A.Pprox.	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	130	B+K Const.	wrecking + setting I-Wall forms; Pedestrian
14	Skilled	135	"	Bridge Gap Closure; Structural excavation;
1	Supt.	10	"	Placing concrete for I-Wall and Slab;
1	Q.C. Rep.	8.5	"	Finishing + curing I-wall concrete;
				Cathodic Protection work; Survey - Layout
				of next I-Wall reach; Construction of
				tapered frag. fin form; Cutting off existing
				MP-112 sheet piles (SEE ABOVE)
4	Skilled	28	Arcadia Rebar	Tying re-steel for I-Wall
				Monoliths. (SEE ABOVE)
1	Skilled	6	Gill's Crane	Mobilizing equipment for the
2	Unskilled	12	"	next reach of floodwall work.
				(SEE ABOVE)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes	4	4	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
Koehring 535 Crane	—	yes	4	4	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 46 c.y. of concrete today from Lafarge Concrete Company (Mix Design #441C). Placed this material as follows: 19 c.y. in East Mass. #65; 17 c.y. in West Mass. #43; 8 c.y. in Stab. Slab - West Bank; and 2 c.y. in Stab. Slab - East Bank.

TESTS PERFORMED

(As required by plans/specifications)

B&K Construction performed concrete tests and inspections as required by the contract. Find results of these inspections on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected concrete material delivered by Lafarge Concrete Company today. Slumps, Temperatures, and Entrained Air Content, were all found to be within the limits set forth in our contract. Slumps were between 3.5 inches and 4.5 inches on material placed in I-Wall monoliths. A 5" slump was recorded on concrete placed in stabilization slab (East Bank). The placing foreman was reminded to check delivery tickets for maximum allowable water that can be added in the field before ordering the truck driver to add water to a batch. Entrained air was found between 5.2% and 5.7%. Temperature of concrete was between 56° and 60°. See attached "Concrete Data" Sheet for details. The mixture of concrete received today was uniform in consistency, with no lumps or unmixed portions evident. No deleterious or objectionable matter was observed in the concrete material.

JOB SAFETY

Held the weekly safety meeting today at 7:00 AM in the Pratt Drive construction staging area. Minutes are attached to this report.

Changed wire rope slings on the spreader beam used to lift East Bank I-Wall forms. Replaced with new cables due to some wear noticed on old slings.

REMARKS

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

Jerry Justice
Authorized Q C Representative

3-13-94
Date

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

DATE: 3-12-96

Pour Location West I-Wall Monolith #43 and East Mono. #65;
Stabilization Slab, West B₂ 82+50 → 83+55 + East B₂ 88+85 → 88+55.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.
at 90 days

TICKET NO.	TIME ARRVD	TIME CNPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
314359	2:24	2:54	3" °	10 gal.	4 1/4" x	59° 65°	5.7%	3	2:40	10	East Mono. #65
314375	3:00	3:40	4" °	-0-	4" °	59° 65°	-	-	3:10	9	West Mono. #43
314392	3:50	4:26	3" °	10 gal	4" °	60° 66°	-	-	4:05	9	West SLAB
314397	4:38	5:13	3" °	5 gal	3 1/2" x	59° 66°	5.2%	-	4:45	8	East SLAB
314202	^{Am} 9:27	^{Am} 10:20	1" °	20 gal	4 1/2" °	56° 61°	-	-	9:40	8	
314396	4:20	4:45	0" °	10 gal	5" °	60° 65°	-	-	4:25	2	

Test Cylinder Set #LA-154

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

TECHNICIAN:
Jerry M. Justice

FC CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 65

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	3-12-96	1:55	D. Beadle	3/12/96	2:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMD	3-12-96	1:55	D. Beadle	3/12/96	2:05
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	3-12-96	2:00	D. Beadle	3/12/96	2:05
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	3-12	2:05	D. Beadle	3/12/96	2:05
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmf	3-12-96	2:05	D. Beadle	3/12/96	2:10		
CLEANLINESS	✓	"	"	—				
RELEASING AGENT	✓	"	"	—				
TIES AND BOLTS	✓	"	"	—				
LENGTH 28.35'	✓	"	"	—				
WIDTH 2.25'-1.00'	✓	"	"	—				
HEIGHT 11.90'	✓	"	"	—				
WATERSTOPS	✓	"	"	—				
CHAMFER STRIPS	✓	"	"	—				
F. WEATHER PROTECTION	Jmf	3-12	2:10	D. Beadle	"	"		
G. SAFETY (LIST)	Jmf	3-12	2:10	"	"	"		
1. Ladder	✓	"	"	—				
2. Scaffold	✓	"	"	—				
3. Rigging Check	✓	"	"	—				
H. OTHER CHECKS PER SPECIFIC JOB	Jmf	3-12	2:10	"	"	"		
Exp. Material	✓	"	"					
FL-340 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	2:25	1.25				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.7% ; CONCRETE TEMPS = 59° ;							
	AIR TEMPS = 65° ; 3 Test Cylinders (LA-154)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 43

LIFT NO. one

ELEVATION from 3.00 to 4.40

DATE OF POUR 3-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-12-96	3:05	D. Beadle	3/12/96	3:10
VERTICAL	✓	"	"	✓	}	}
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-12	3:05	D. Beadle	3/12	3:10
CLEANLINESS	✓	"	"	✓	}	}
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A		
D. STEEL REINFORCING	Jmj	3-12	3:10	D. Beadle	3/12	3:10
VERTICAL	✓	"	"	✓	}	}
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	3-12	3:15	D. Beadle	3/12	3:10
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-12-96	3:15	D. Beadle	3/12/96	3:15
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.88'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 11.40'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	3-12	3:20	D. Beadle	3/12/96	3:15
G. SAFETY (LIST)	Jmj	3-12	3:20	"	-	-
1. Scaffold	✓	"	"	✓	"	"
2. Ladder	✓	"	"	✓	"	"
3. Eye Protection	✓	"	"	✓	"	"
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-12	3:20	D. Beadle	3/12/96	3:15
FL-400 Anchors	✓	"	"	✓	"	"

I. EQUIPMENT USED	CONTRACTOR				C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:50	1.50				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS
 SLUMP = 3 1/2" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 59° ;
 AIR TEMPS = 66° ; 3 Test Cylinders (LA-154)
FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

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: 3-12-96

TIME: 7:00 AM

PROJECT: London Avenue Canal Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Carpenter Foreman - ~~Stack~~
Mike - ~~Stack~~
John - ~~Stack~~
Mike - ~~Stack~~
Mike - ~~Stack~~
Mike - ~~Stack~~
Mike - ~~Stack~~
Mike - ~~Stack~~

Eric Baly
Nathanial Ross
Anthony L. Cook Sr.
GLEN McWANEY
Barry Power Sr.
Daglet M.B. Brown
Roy G. Lee
FRANK BERNARD
Richard Alford

TOPICS DISCUSSED:

Paul (A. Dutt)
Bryan Verdum
James Kipatull

Discussed safe procedures for moving equipment and trucks along the levee. All workers should be aware of moving equipment and trucks, make sure the operator can see you, and give them a wide berth whenever possible. Never turn your back on moving equipment or suspended loads. A flagman should always back trucks in to the work area, making sure the driver can see them in their mirrors in case the driver must stop or correct steering. Use extreme caution when soil is wet. If any doubt exists, ask your foreman to study the conditions, then proceed with the safest plan of action. Get a dozer or track hoe to assist concrete and dump trucks if needed.

COMMENTS:

Scaffold on one I-Wall form needs an additional support bracket. The Carpenter foreman was informed of this today, and will correct this problem by tomorrow.
Carpenters were asked to check and repair handrails (if necessary) on a daily basis.

Jerry Justice
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

301

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

DATE Saturday - Monday
9 - 11 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
25	50

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

24 HOUR PRECIPITATION
INCHES 0.0 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES Monday, 11 March 1996

Canal RIVER STAGE

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

FEET	TIME
1.6	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES 11 March 96

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2 - 21	16 - 139.5	13 - 125	31 - 285	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. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-Steel Installation
- c. _____

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

- a. Set forms and placed concrete for 3 mono's.
- b. Tied re-steel for I-wall monolith.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 & 8 March 1996

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

Progressive work was ~~period~~ performed during this period. See attached reports.

PERCENT PROJECT COMPLETE: 63.5
PERCENT TIME ELAPSED: 87.84

DATE SET FOR COMPLETION: 25 June 1996

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - No instructions given.
Re-Steel Placement - No instructions given.

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

Floodwall - Observed contractor setting forms for West and East floodwall and placing 3000# concrete in East Mono #66 and West Mono's #36 and #41. Forms were cleaned and patched before they were set up. Wet Burline blankets were placed over new floodwall monoliths to begin curing process. Performed Pre-Placement Inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts less than 18", and was well vibrated. B&K hauled off existing concrete cap from West B/L Sta. 81+80 to 84+60. Demolished and hauled off existing concrete steps at East B/L Sta. 84+75. Cement finishers completed canal side repairs of West #11 and East #75. Performed structural excavation from East B/L Sta. 89+15 to 88+75.

Arcadia Re-bar - Tied re-steel mat for East Mono #66 that was placed today.

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. Beadle	Const. Insp.	9	QAR

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

While moving 535 Koehring crane from barge to land the mat under right track snapped and almost flipped the crane over into the existing sheet pile. Instructed Prime - B&K QC rep - Jerry Justice to have sub - Gill's Crane Service to double the mats used or build a dirt ramp to accommodate the safe moving of 505 crane from barge to land.

INSPECTOR'S SIGNATURE

David Beadle *David Beadle*

DATE

3/12/96

SUPERVISOR'S INITIALS

gjk

3/18

JD

DATE

3/15/96

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

DATE: 3/11/96

REPORT NO.: 377

SKIES: Clear

RAIN: 0 IN. TEMP.: 32 MIN 58 MAX

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

3-09-96 Saturday - No work

WORK PERFORMED/LOCATION

3-10-96 Sunday - No work

3-11-96 Monday - B&K Construction - Wrecked forms at East Mono. #67 then patched tie-bolt holes and covered with wet burlap. Completed forming West Mono. #41, and set forms at East Mono. #66. B&K Construction tied bottom re-steel and set top steel mat at East Mono. #66. Placed concrete at East Mono. #66, and at West Mono. #36 and #41. Formed up stab. Slab from West B Sta. 82+50 to sta. 83+50 (Not poured yet). Formed and poured concrete stab. Slab from East B Sta. 89+20 to sta. 88+85. welded #6 bond bars on top of A2-18 sheet piles at East Mono. #65 & #64. Installed one bond cable at East Mono. Joint #64-63. Cut off existing MP-112 sheet piles one foot below F.G. from East B 89+25 to 88+85. Performed structural excavation from East B 89+15 to 88+75. Demolished existing concrete cap from West B Sta. 81+80 to sta. 84+60. Hauled off most of the 20' concrete sections by truck today. Demolished existing concrete steps and sidewalk at East B Sta. 84+75, and hauled off these steps and the west side steps by truck today. Cement finishers completed Canal side repairs on West Mono. #11 and East Mono. #75.
 ARCADIA REBAR - Pre-tied one top mat of re-steel for future placement in I-Wall monoliths.
 GILL'S CRANE SERVICE - Moved the crane off of the barge, and prepared to mobilize to the next reach of I-wall.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) Approx.	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	120	B&K Const.	Wrecking + setting I-wall forms;
12	Skilled	130	"	Placing concrete in I-wall
1	Supt.	10.5	"	and stab. Slab forms; Demolition
1	Q.C. Rep.	10.5	"	of concrete cap and steps;
				Cathodic Protection work;
				Structural excavation; Curing
				+ finishing I-wall concrete.
				(SEE ABOVE)
3	Skilled	4.5	Arcadia Rebar	Pre-tying reinforcing steel
				for I-wall (SEE ABOVE)
1	Skilled	5	Gill's Crane	Preparing to mobilize crane
1	Unskilled	5	"	barge + equipment to the next
				Reach. (SEE ABOVE)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	6	2	—
Komatsu D37P Dozer	—	Yes	6	2	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	NO	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	4	4	Yes
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Exc.#2	—	Yes	5	3	—
Koehring 535 Crane	—	Yes	5	3	—
Emv-300 Vib. Hammer	—	NO	0	8	—

MATERIALS RECEIVED

Received 55 cubic yards of concrete (Mix Design #44-C) from Lafarge Conc. Co. today, and placed this material as follows: 17 c.y. each in West Mow's #36 and #41; 19 c.y. in East Mow, #46; and 2 c.y. in East Bank stabilization slab. Copies of all delivery tickets were furnished to the Project Inspector, complete with batch weights and information.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested concrete material delivered by Lafarge Conc. Co. today. Results can be found on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded today, and will be delivered by BTK Const. Co. to the Government Lab for compressive strength tests.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

checked stabilization slab elevations and thickness on the East and West Banks today. East Bank - top of slab forms was elev. +2.45 (0.05' allowed for shimming the steel form panels). Thickness of the slab was 4" to 5 1/2". Soil was undisturbed natural ground, and no water was present in the excavation. West Bank - top of slab forms was elev. +2.95 (0.05' allowed for shims). Thickness of slab slab was 4" to 4 1/2", and no water was present in the excavated area.

checked Temporary Flood Protection on the West Bank today. Protection was provided by existing MP-115 sheet piles, which were cut off at elevation +6.75 to +7.00 for concrete cap removal.

JOB SAFETY

Gill's Crane Service (pile driving sub-contractor) was told not to attempt walking on or off the barge again with only unsupported single crane mats to hold the weight of the Koehring 535 Crane. One of the crane mats broke today, due to the fact that it was unsupported by soil in the mid-section of the mat. Double mats would have not broken.

REMARKS

The Koehring 535 Crane was moved off of the barge today without accident or injury. The near-miss accident that occurred will not be allowed to be repeated; thus the warning and instruction given to Gill's Crane Service employees and operator.

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

Jerry M Justice

Authorized Q C Representative

3-12-96

Date

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

DATE: 3-11-96

Pour Location East I-Wall Monolith #66, West Monoliths #36 and #41; Stabilization slab from East @ 89+20 to Sta. 88+85.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 PSI
at 90 days

TICKET NO	TIME ARRVD	TIME CHPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
313962	1:45	2:40	1"°	25 gal.	4"°	53° 55°	—	—	1:50	9	West Monolith #36
313994	2:55	4:00	1"°	20 gal.	3 1/2"°	53° 55°	—	—	3:00	8	West Monolith #36
313986	3:05	3:33	3"°	5 gal.	3 3/4" x	55° 56°	5.3%	3	3:15	10	East Monolith #66
314008	3:40	4:35	2"°	15 gal.	3 1/2"°	54° 58°	—	—	3:50	10	West Monolith #66
314035	4:15	5:00	3 1/2"°	5 gal.	4 1/4" x	54° 58°	5.0%	—	4:20	9	West Monolith #41
314042	5:30	6:20	2"°	15 gal.	4"°	56° 58°	—	—	5:40	8	East SLAB
314048	6:05	6:10	1"°	3 gal.	4"°	56° 57°	—	—	6:05	1	East SLAB

REMARKS: Test Cylinder Set #LA-153

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

TECHNICIAN:

Jerry Justice

FORM CHECK OUT FOR

STRUCTURAL
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH # 41

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3/11/96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-11-96	1:30	D. Beadle	3/11/96	2:00
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	3-11	1:30	D. Beadle	3/11/96	2:00
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-11	1:35	D. Beadle	3/11/96	2:00
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	3-11	1:40	D. Beadle	3/11/96	2:00
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	3-11-96	1:40	D. Beadle	3/11/96	2:00		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.88'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmj</i>	3-11	1:45	D. Beadle	3/11/96	2:05		
G. SAFETY (LIST)	<i>Jmj</i>	3-11	1:45	D. Beadle	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	3-11	1:45	D. Beadle	3/11/96	2:05		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	4:15	2.0				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 54° ;							
	AIR TEMPS = 58° ; 3 Test Cylinders (LA-153)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M. Justice</i>				C.O.E. REPRS: <i>David Beadle</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.								

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 # 66

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3/11/96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	3-11-96	1:50	D. Beadle	3/11/96	2:00
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	3-11	1:50	D. Beadle	3/11/96	2:00
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	3-11	1:55	D. Beadle	3/11/96	2:05
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmg	3-11	2:00	D. Beadle	3/11/96	2:10
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	3-11-96	2:00	D. Beadle	3/11/96	2:05			
CLEANLINESS	✓	"	"	✓					
RELEASING AGENT	✓	"	"	✓					
TIES AND BOLTS	✓	"	"	✓					
LENGTH 28.40'	✓	"	"	✓					
WIDTH 2.25'-1.00'	✓	"	"	✓					
HEIGHT 11.90'	✓	"	"	✓					
WATERSTOPS	✓	"	"	✓					
CHAMFER STRIPS	✓	"	"	✓					
F. WEATHER PROTECTION	Jmj	3-11	2:05	✓					
G. SAFETY (LIST)	Jmj	3-11	2:05	D. Beadle	3/11/96	2:05			
1. Ladder	✓	"	"	✓					
2. Scaffold	✓	"	"	✓					
3. Rigging check	✓	"	"	✓					
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-11	2:05	D. Beadle	3/11/96	2:05			
Expansion Material	✓	"		✓					
FL-340 Anchors	✓	"		✓					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	3:05	1.5					
Bucket	1	1.25 C.Y.	"	"					
Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 55° ;								
	AIR TEMPS = 56° ; 3 Test Cylinders (LA-153)								
FINAL CLEARANCE									
CONTRACTOR REPRS: Jerry M. Justice					C.O.E. REPRS: David Beadle				
INSTRUCTIONS									
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.									

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.
 DACW29-94-C-0079

MONOLITH
 West # 36

LIFT NO.: one

ELEVATION
 from 3.00 to 14.40

DATE OF POUR
3-11-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<u>JmJ</u>	<u>3-11-96</u>	<u>12:45</u>	<u>D. Beadle</u>	<u>3/11/96</u>	<u>1:50</u>
VERTICAL	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
ALIGNMENT	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
CLEANLINESS	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
B. CONCRETE PILING	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
ANGLE	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
HEADS	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
C. STAB. SLAB/JOINTS	<u>JmJ</u>	<u>3-11</u>	<u>12:45</u>	<u>D. Beadle</u>	<u>3/11/96</u>	<u>1:50</u>
CLEANLINESS	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
WATERED	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
WATERJET (JOINT)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
D. STEEL REINFORCING	<u>JmJ</u>	<u>3-11</u>	<u>12:50</u>	<u>D. Beadle</u>	<u>3/11/96</u>	<u>1:50</u>
VERTICAL	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
HORIZONTAL	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
SPACING	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
CLEARANCES	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
STEEL SCHEDULE	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
SHOP DRAWINGS	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
TIE WIRES	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
#6 BAR WELDED	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
CLEANLINESS	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
WATERED	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>
E. FORMWORK	<u>JmJ</u>	<u>3-11</u>	<u>12:55</u>	<u>D. Beadle</u>	<u>3/11/96</u>	<u>1:50</u>
CONDITION	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>Σ</u>	<u>Σ</u>

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-11	12:55	D. Beadle	3/11/96	1:50
CLEANLINESS	✓	"	"	/		
RELEASING AGENT	✓	"	"	/		
TIES AND BOLTS	✓	"	"	/		
LENGTH 28.86'	✓	"	"	/		
WIDTH 1.75'-1.00'	✓	"	"	/		
HEIGHT 11.40'	✓	"	"	/		
WATERSTOPS	✓	"	"	/		
CHAMFER STRIPS	✓	"	"	/		
F. WEATHER PROTECTION	Jmj	3-11	1:00	D. Beadle	3/11/96	1:55
G. SAFETY (LIST)	Jmj	3-11	1:00	D. Beadle	3/11/96	1:55
1. Ladder	✓	"	"	/		
2. Scaffold	✓	"	"	/		
3. Rigging check	✓	"	"	/		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-11	1:05	D. Beadle	3/11/96	1:55
Exp. Material	✓	"	"	/		
FL-400 Anchors	✓	"	"	/		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:45	2:25				
Bucket	1	1.0 City	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 55° ;
 AIR TEMPS = 55° ; 3 Test Cylinders (LA-153)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: Dave Beadle

INSTRUCTIONS

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