

**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
63 A0006537

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

DATE Wednesday
08 February 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear, Cold & Windy

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 30° MAXIMUM 55°

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

24 HOUR PRECIPITATION
INCHES 0.00" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 3-3 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 4-11 hrs	LABOR
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Canal RIVER STAGE
FEET 0.10' TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-16½ hrs	SKILLED 5-45 hrs	LABORERS 6-54 hrs	TOTAL 13-115½
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NUMBER OF SHIFTS

1 2 3

FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; CATHODIC PROTECTION

b _____
c _____

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

a) Formed for stabilization slabs between East B/L Sta's 112+27 and 113+70; Installed four cathodic protection jumper cables; Continued building I-Wall forms in Staging Area; and Moved new sheet piles from staging area to L/S slope of existing east levee.

Days of no work and reasons for same:

No delays incurred so far this month, due to adverse weather.

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

Minor progressive work was performed by B&K this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.8%
PERCENT TIME ELAPSED: 30.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CATHODIC PROTECTION: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to build new I-Wall forms in the north staging area this date. Checked and found top elev. of wooden forms set for stabilization slabs between East B/L Sta's 112+27 and 113+70, to be at approx. elev. +2.00' as required. Subgrade for stabilization slabs have not been graded as of this date, but will be graded on 02/09/95.

CATHODIC PROTECTION: Checked and found cathodic protection jumpers (1/0 cable) properly cadwelded to new sheet piles, approx. 8" below proposed I-Wall bottom elevation, between I-Wall Monoliths #137 and #141 (4-jumpers). All jumper cables had the required 8" loop. Contractor will coat these jumpers with Royston-Handicap Epoxy as required on 02/09/95.

STEEL SHEET PILES: Observed contractor moving stockpiled new sheet piles from the north staging area, to the L/S slope of the existing east levee, between approx. East B/L Sta's 103+00 and 111+00.

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

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)
NONE

CONTROVERSIAL MATTERS IN DETAIL.
NONE

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

NOTE: C. Ashley, D. Duhon, C. Wagner and Z. Bryant of COE met with B. Kenyon and M. Tassin of B&K at approx. 1300 hrs. this date. Topic of this meeting was the concrete slabs (old concrete caps) that are laying underwater on the slope of the east canal bank. Contractor stated that these concrete caps are preventing him from using barges in the canal. No decisions have been reached as to what is to be done about these concrete caps, if anything.

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



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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. ASHLEY	Area Engineer, GM-14	1 hr.	ACO
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Cosnt. Insp., GS-07	7 hrs.	QAR

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

Checked and found all flagmen wearing orange vest and using orange flags when directing traffic this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  LANE D. BRYANT JR.	DATE 09 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/12/95
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DATE 2-8-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed personnel moving stock piled sheet piling from the storage area to the protected side of the existing levee between Sta. 11100 to Pumping Sta. No. 4. Trucks were backed down the existing levee & then unloaded. Flagmen being used to direct traffic were wearing orange vests.

Instructions to COC/Remarks:

Met w B. Kanyon & M. Tasson to discuss existing concrete wall sections that were left in the canal. Continuing to investigate this matter.

Chris Hagren
Name

Proj Engr
Title

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

DATE: 02/08/95

REPORT NO.: 89

SKIES: Clear

RAIN: 0

IN. TEMP.: 30 MIN 55 MAX

DUST: Minimal

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters assembling I-Wall Forms in the Staging Area at Robert E. Lee Blvd.. Operator loaded stockpiled CZ-101 Sheet Piling onto B & K trailer to be hauled down the East Bank of the Levee. These Sheet Piling were then unloaded along the protected side slope of the Levee between Station 111+00 and 103+00. Formed up Stabilization Slab on the East Bank from Station 113+70 to Station 112+27. Installed Cables for Cathodic Protection at Monolith Joints #141-140, #140-139, #139-138, and #138-137 today. The epoxy coating will be placed on these Cables after being inspected by the Government.

No Pile Driving or other work performed today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	54	B & K	I-Wall Form assembly; Stringing out new CZ-101 Sheet Piling along the East Bank; Forming Stabilization Slab; Installing Cathodic Protection Bond Cables. (See locations above.)
5	Skilled	45	"	
1	Supt.	10	"	
1	Q.C. Rep.	6.5	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	6	2	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	3	5	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Grove 20 Ton Picker	-	Yes	4	4	-
Mantis 3612 Crane	ARR	Yes	4	4	-

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

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

Inspected Bond Cables installed for Cathodic Protection on the East Bank today. Cables were exothermically welded to the Sheet Piling on each side of the Monolith Joints (See Page 1 for locations). The welds were checked to make sure the Cables were attached securely. The Cables were attached approximately 8" below the top of the Stabilization Slab (or bottom of the I-Wall).

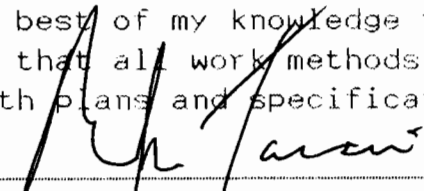
JOB SAFETY
(Note inspection, violations/actions taken)

Purchased a 16 unit First Aid Kit today, and placed it in the B & K Trailer in plain view. Checked workers for Steel Toes while working on the Levee. All employees were wearing Hard Hats and Steel Toe Boots. Flagmen stopped traffic for trucks and equipment at the Temporary Access Road entrance on Robert E. Lee Blvd. today. Orange Flags and Vests were used for high visibility.

REMARKS
(Instructions received, miscellaneous remarks)

Visitors from the Corps of Engineers today looked at the Concrete in the Canal along the bank that is preventing the use of barges in this area (Robert E. Lee Blvd. to Pumping Station #4). Visitors included Chester Ashley, Chris Wagner, and Dennis Duhon.

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


Authorized Q C Representative

02/09/95

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

64

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
09 February 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 36°	MAXIMUM 65°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION
INCHES
Trace ENDING
0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 0.30'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16½ hrs	SKILLED 5-38 hrs	LABORERS 7-64 hrs	TOTAL 14-114½	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; STABILIZATION SLAB
- b. Gill's Crane Service, Inc. - No progressive work this date.
- c. _____

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

- a) Began setting forms for East I-Wall Monos #153 and #159; Poured stabilization slabs for East I-Wall between approx. East B/L Sta's 112+67 and 113+70
- b) Moved Koehring 535 Crane from Robert E. Lee to East B/L Sta. 111+00.

Days of no work and reasons for same:

No delays incurred so far this month, due to weather.

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

Progressive work was scheduled and performed by B&K only this date. No progressive work scheduled or performed by Gill, Arcadia or SEC this date. See attached CQC Report for details of work performed this date.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.8%

PERCENT TIME ELAPSED: 30.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

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

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

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

REINFORCED CONCRETE FLOODWALL: Observed contractor setting L/S of I-Wall form for East Mono #153, between approx. East B/L Sta's 116+53 and 116+82 (not completed). Observed contractor spraying form oil on forms for East I-Wall Monos #153 and #159. Checked and found top elev. of wooden forms for stabilization slabs, between East B/L Sta's 112+60 and 113+70, to be at approx. elev. +2.00' as required. Inside of stab slab forms was graded to allow for the minimum of 4" of concrete to be placed.

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

NOTE: Contractor installed new canal staff gauge in London Ave. Canal just south of the bridge at Robert E. Lee Blvd. Staff gauge was furnished by COE.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: B&K removed the Unit 1020 Crane from the jobsite this date.

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

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

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

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

Inspected Grove RT-58D Cherry Picked (rubber-tired) and the Mantis 3612 Track Cherry Picker this date. Found both to be in very good condition and in accordance with EM 385-1-1.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

10 Feb 95

SUPERVISOR'S INITIALS

gw

DATE

2/13/95

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

DATE: 02/09/95

REPORT NO.: 90

SKIES: Cloudy

RAIN: Yes IN. TEMP.: 36 MIN 65 MAX

DUST: None

LEEVEE CONDITION: Dry CANAL GAUGE:(0.3) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Operator moved the Mantis 3612 Crane to the East Bank. Moved one of the panels from the Staging Area to the East Bank of the Levee. Set one Wall Form at Monolith #153. The other side of this Monolith will be formed up tomorrow, and Concrete is ordered for two Monoliths on Monday, 02/13/95. (Monolith #159 and #153)

Poured Stabilization Slab on the East Bank from Station 113+70 to Station 112+67. Set up a new Canal Gauge at the Robert E. Lee Pedestrian Bridge. Moved the Unit Crane off of the site today.

GILL'S CRANE SERVICE - Moved the Koehring 535 Crane from Robert E. Lee Blvd. back to Station 111+00. The Crane will stay here until new I-Wall construction advances 100' or more, at which time the Sheet Piling work will resume.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	64	B & K	Assembling, Moving & setting I-Wall
4	Skilled	36	"	Forms; Pouring Concrete Stabiliza-
1	Supt.	10	"	tion Slab; Grading Temporary Access
1	Q.C. Rep.	6.5	"	Road. (See locations above.)_
1	Skilled	2	GILL'S CRANE	Moving 535 Crane.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HR'S USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	3	5	-
Komatsu D37P Dozer	-	No	0	8	Yes
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	2	6	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	2	6	-
Grove 20 Ton Picker	-	Yes	2	6	-
Mantis 3612 Crane	-	Yes	5	3	-

TESTS PERFORMED
(as required by plans/specifications)

No tests performed today.

MATERIALS RECEIVED

Received 8 cubic yards of Concrete (Mix #42) from LAFARGE CONCRETE for Stabilization Slab today. (See location of placement on Page 1.)

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

Inspected Stabilization Slab poured today. The width of the Slab was approximately 5' wide - 2'-8" from C/L towards the Canal side and 2'-4" toward the Land side. Thickness of the Stabilization Slab varied from 4" to 6". Underlying soil was dry, free of standing water, consisted of undisturbed existing materials

JOB SAFETY
(Note inspection, violations/actions taken)

Completed Safety Inspection Checklists on the Grove RT58D Picker and the Mantis 3612 today. The load test for the Mantis Hydraulic Crane will be performed tomorrow.

Checked reverse alarms on trucks backing down the Levee today. The Concrete delivery truck and B & K CONSTRUCTION haul truck both had working backup alarms that were clearly audible.

REMARKS
(Instructions received, miscellaneous remarks)

I spoke with Mike Hebert of MANUFAB today about getting him the actual Siphon Pipes, the Telephone Cable Crossing, and the Feeder Line Crossing on the West Bank near Station 101+00. Some of the dimensions were faxed to Mr. Hebert this afternoon. Chris Wagner asked me to follow on the required submittals involved at this same section of the Floodwall work.

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


Authorized Q C Representative

02/10/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

62

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun., Mon. & Tue.
04, 05, 06 & 07 February 95

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 to Cloudy and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100/100%	BORROW EXCAVATION 100/100%	EMBANKMENT 100/100%	CONCRETE 100/100%	STRUCTURE 100/100%
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MINIMUM 36°	MAXIMUM 64°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES Trace	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-2 hrs.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-10 hrs	LABOR	FEET 0.50' to 0.30'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-40½ hrs	SKILLED 6-116 hrs	LABORERS 7-146 hrs	TOTAL 15-302½	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

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

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

- a) Curing Mono #157; Building New I-Wall Forms; Rubbing & Patching East Mono #157;
- b) Drove 1-CZ-101 X 26'-9" pile, and 2- Fabricated Corners for I-Wall Tie-In Collar at approx. East B/L Sta. 119+04.60.

Days of no work and reasons for same:

No delays incurred so far this month, due to adverse weather.

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

No progressive work scheduled or performed on 04 & 05 Feb 95. However, progressive work was scheduled and performed on 06 & 07 Feb 95, by B&K and Gill. See attached CQC Reports for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.8%

PERCENT TIME ELAPSED: 30.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

See attached PE's QA Supplemental Report for CQC Inspection Phases attended by PE, C. Wagner on Mon., 06 Feb 95.

The following CQC Inspection Phases were attended by QAR, Z. Bryant on Tue., 07 Feb 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SHEET PILE INSTALLATION: No instructions issued.

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

See attached PE's QA Supplemental Report for details of QA Inspections performed on Mon., 06 Feb 95, by PE, C. Wagner.

The following Follow-Up QA Inspections were performed by QAR, Z. Bryant on Tue., 07 Feb 95:
REINFORCED CONCRETE FLOODWALL: Checked and found contractor continuing to keep burlene wetted down for the proper curing of East I-Wall Monolith #157. Observed finisher continuing to rub and patch on surfaces of East I-Wall Mono #157 this date. Observed carpenters continuing to construct new I-Wall Forms in the North Staging Area this date.

STEEL SHEET PILE INSTALLATION: Checked and found contractor had driven new and fabricated sheet piles for the tie-in of the new floodwall to the existing RZ-10 sheet piles at approx. East B/L Sta. 119+04.60. All piles were properly fabricated and driven to a top elev. of +4.75 as indicated on the approved shop drawings and plans.

ENVIRONMENTAL PROTECTION: Checked and found that contractor had picked up all trash and debris from the jobsite and staging area during this period. Contractor's general house-keeping is very good.

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

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

QAR, Z. Bryant on Tue., 07 Feb 95, instructed CQC Rep's M. Tassin and J. Justice to move the Koehring Crane at least 10' from the curb on the north side of Robert E. Lee Blvd., because at the present time it is only 3' from the curb. Mr. Tassin stated that this would be corrected by COB this date. Crane was moved at approx. 1400 hrs. this date.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NONE



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

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

NAMES	GOVERNMENT PERSONNEL ON SITE			DUTIES
	DESIGNATION	HRS. ON SITE		
C. WAGNER	Civ. Engr., GS-11	2 hrs (Mon)		PE
Z. BRYANT	Const. Insp., GS-07	7 hrs (Tue)		QAR

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

Checked and found Crane parked too close to the north curb of R. E. Lee Blvd. this date. Had contractor moved crane to a minimum distance of 10' from this curb.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 08 FEB 95	SUPERVISOR'S INITIALS 	DATE 2/13/95
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DATE: 2-6-95

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed personnel fabricating
& assembling corner angle iron & sheets that are
to be used for the truss @ Robert-E
Lee Blvd. Observed finisher continuing to
rub & patch T-wall surfaces on mono # 157.
Not buckram being used to cover concrete
for the required 7 days

Instructions to COC/Remarks: None today

Chas Hagner Proj Engr
Name Title

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

DATE: 02/07/95

REPORT NO.: 88

SKIES: Cloudy

RAIN: Trace IN. TEMP.: 42 MIN 64 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE:(0.5) NOISE: Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters continued work on I-Wall Forms in the Staging Area at Robert E. Lee Blvd.. Operators handled Forms, loaded and unloaded new CZ-101 Sheet Piling being spaced out along the East Bank of the Levee. (The Sheet Piling had been stored in the Staging Area previously.) Cement finishers completed patching & repairing of I-Wall Monolith #157. Laborers wet down wall and curing blankets, flagged traffic for Sheet Pile haul truck, cleaned debris off of road at Pratt Dr. and Robert E. Lee Blvd..

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7	Unskilled	64	B & K	Working on I-Wall Form assembly - Loading, hauling, and Unloading Sheet Piling from the stock pile in in the yard to the East Bank Levee from Station 111+62 toward the Prentiss St. Pumping Station patching and rubbing concrete at I-Wall Monolith #157.
4	Skilled	36	"	
1	Supt.	9.5	"	
1	QC Rep.	9.5	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	4	4	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	Yes	4	4	-
Grove 20 Ton Picker	-	Yes	9.5	0	-

TESTS PERFORMED
(As required by plans/specifications)

No testing today.

MATERIALS RECEIVED

Received 1 pallet of White Cement - 1 pallet of Portland Cement - and 6 cubic yards of Mason Sand for Concrete I-Wall patching and repair.

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

Inspected I-Wall #157 and found bug holes, and honey combs were patched with non shrink grout and the entire wall surface below the fractured fin area was rubbed with Sand-Cement mixture.

JOB SAFETY
(Note inspection, violations/actions taken)

Reminded workers involved with loading and hauling Sheet Pilings not to get under any loads and to make sure when the trucks enter and leave the Levee that the flagmen use vests and coordinate traffic movement in a safe way.

REMARKS
(Instructions received, miscellaneous remarks)

Was instructed to move the 535 Koehring Crane a minimum of 10' from the curb of Robert E. Lee. The Crane moved before the end of the work day.

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


Authorized Q C Representative

02/08/95

Date

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

DATE: 02/06/95

REPORT NO.: 87

SKIES: Clear

RAIN: 0 IN. TEMP.: 36 MIN 62 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE:(0.3) NOISE: Moderate

WORK PERFORMED/LOCATION

02/04/95 Saturday - No work performed on any main features of work. A skeleton crew of workers changed oil & did maintenance on equipment. Also wet burlene and concrete Wall at Monolith #157 (East Bank).

02/05/95 Sunday - No work performed. One laborer wet down the curing I-Wall Concrete and burlene Monolith #157 (East Bank).

02/06/95 Monday - Cement finisher working on I-Wall Monolith #157. Operator assisted in driving Sheet Piling tie-in pieces at Station + 119+05. Carpenters worked to the I-Wall Forms in Robert E. Lee Staging Area. Laborers assisted carpenters with the Form assembly, 3/4" water line at the office trailers, and cleaned up trash in the yard.

GILL'S CRANE SERVICE - Pulled up existing RZ-10 piece at 119+05 (East Bank); Cut holes and bolted angle iron to RZ-10 piece and new CZ-101 piece. Drove the Sheet Pile connection pieces between I-Wall Monolith #161 and collar #162. Moved the Crane across to the North side of Robert E. Lee Blvd..

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	82	B & K	Working on I-Wall Form assembly; Making Sheet Pile connection to existing Floodwall; Patching & rubbing Concrete at I-Wall Monolith #157 (Hours include Saturday's time.) (See locations above.)
4	Skilled	60	"	
1	Supt.	12	"	
1	QC Rep.	9.5	"	
2	Skilled	16	GILL'S CRANE	Driving Sheet Pile connection pieces; Burning holes and bolting connections together. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	3	5	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	2	6	-
Fiat-Allis MotorGrader	-	No	0	8	-
Grove 20 Ton Picker	-	Yes	5	3	-

TESTS PERFORMED

(As required by plans/specifications)

DELTA TESTING - Monitored vibrations caused by Pile Driving work today at East Bank Station 119+05. Results furnished to the Orleans Levee Board.

MATERIALS RECEIVED

Received one piece of angle iron (3 1/2 x 3 1/2 x 3/8" A-36 Steel) for connection to existing RZ-10 Sheet Piling (See location of tie-in on Page 1).

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

Inspected Sheet Pile tie-in work done today. The interlocks were all fully engaged for the length of the Piling. 3/8" angle iron was used with 7/8" bolts to make the 90° corners required. Bolts & nuts were spaced 6" apart except for the last 2' on each end of the angle iron, where the spacing was 3" apart. Sheets and corners were driven plumb both directions, and cut off elevation was 4.75. See "Remarks" below.

JOB SAFETY
(Note inspection, violations/actions taken)

Weekly Safety Meeting was held today (Monday) at 7:15 AM. The topics were "General Housekeeping" and "Flagging Traffic". The minutes of the Safety Meeting are attached to this report.

Checked lights and reverse alarms on all the rubber tired equipment. Flashing yellow lights were operational on the Case 580, Kobelco 500 and the Motor Grader. All the backup alarms were working as well.

REMARKS
(Instructions received, miscellaneous remarks)

The Sheet Pile tie-in work at East Bank approximate Station 119+05 required a slight change from the shop drawing. This due to an error on the shop drawings where a sketch of the work "as built" is attached to this report.

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


Authorized Q C Representative

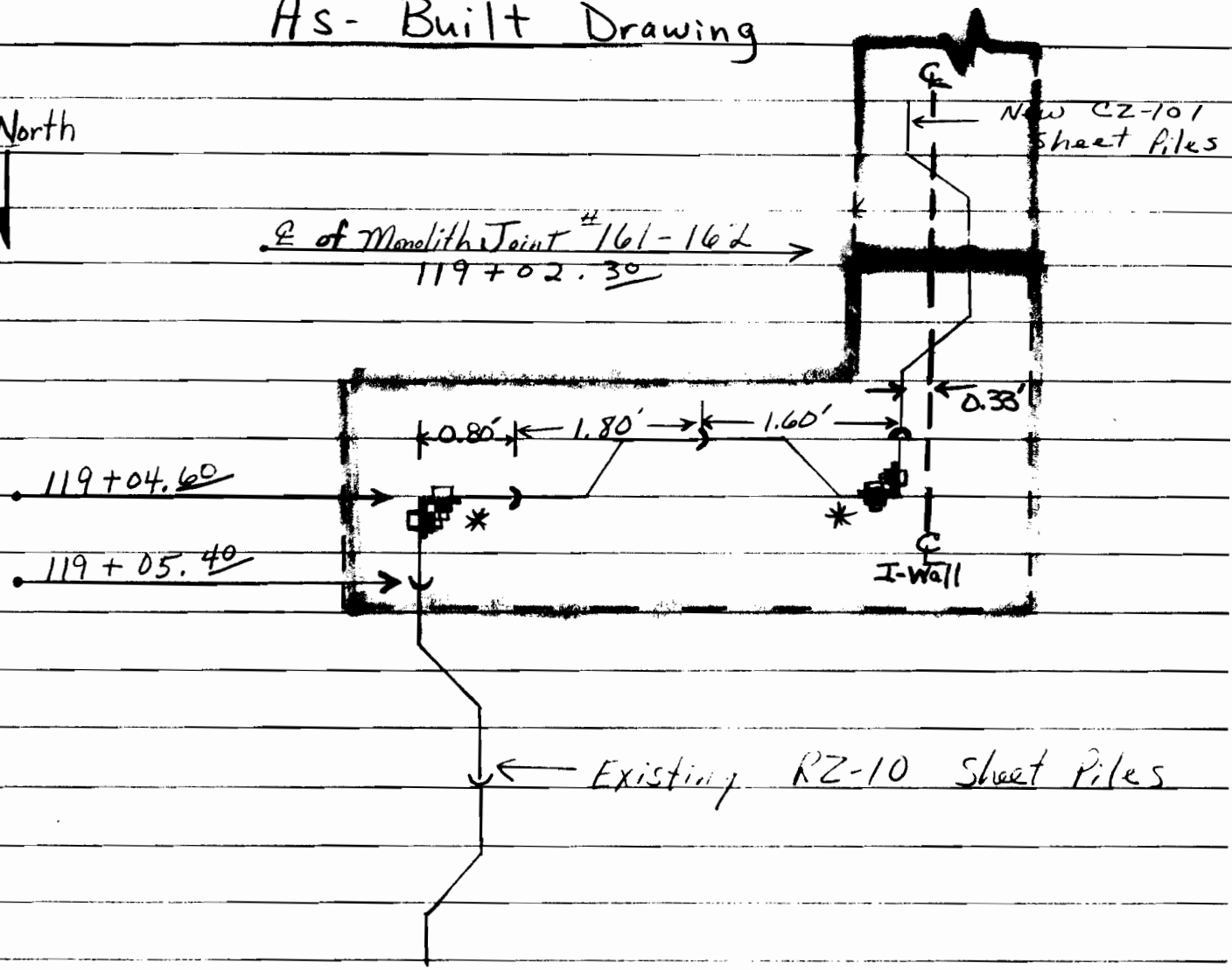
02/07/95

Date

East Bank
Connection to Existing Floodwall
As-Built Drawing

2-7-95
J.m. Justice

North
↓



← Robert E. Lee Blvd. →

* Note: Bolted corners were constructed as per original shop drawings, using $3/8"$ x $3'2"$ x $3'2"$ angle iron and $7/8"$ Bolts and Nuts.

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 02/06/95

TIME: 7:15 AM

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

MEETING CONDUCTED BY: JERRY JUSTICE

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: GENERAL HOUSEKEEPING AND FLAGGING TRAFFIC

The weekly Safety Meeting was held today at 7:15 AM in the B & K CONSTRUCTION Field Office. Employees were told that general clean up and stacking of loose materials would be expected of everyone. A neat, orderly jobsite is less likely to have accidents caused by tripping & falling, and more likely to be a productive work place. Keeping materials and tools organized reduces the loss of these items, and makes it easier to find what you are looking for on short notice. Lunch trash & other debris must be disposed of properly the first time - not thrown on the ground or in the water. Any waste oil or empty grease cartridges must be removed from the work area daily. See Jerry Justice for proper disposal of these materials.

Walkways and platforms must be kept clean & free of loose objects. Items left on a scaffold can easily cause injury by being knocked off and striking a person below, or by causing a worker on the scaffold to stumble & fall.

Flagging traffic at Robert E. Lee Blvd. was discussed next. Two flags and vests should be brought out to the Access Road entrance each day, to be prepared to stop traffic for equipment and trucks entering or exiting the Levee. Flagmen should be aware of Concrete trucks of other deliveries, and be in place prior to the arrival of the trucks. Slowing all traffic down will permit the flagmen to control any situation better.

COMMENTS:

Remember to wear the Safety Vests and stay attentive. Don't become a casualty yourself!



Q.C. REPRESENTATIVE
B & K CONSTRUCTION

Safety Meeting

ATTENDEES

2-6-95

Jim Justice

Gregory Jackson

Willie Dillon

L. Howard Laplace

Larry J. Lee

Louis Cook

Gregory Brown

Mike Greening

Mike Tasson

Bryan Verdun

Steve Thone

Joe Leonard

Arthur Cook Jr.

Gregory Hubbard

Andy Wans

**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

61

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

DATE Friday
03 February 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear to Partly Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM	MAXIMUM
60°	78°

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

24 HOUR PRECIPITATION	
INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal REBAR STAGE	
FEET	TIME
0.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-19 hrs	8-64 hrs	6-48 hrs	16-131	0700 M	1730 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

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

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

- a) Installed cathodic protection jumpers; rubbed & patched surfaces of Mono #157; Worked on I-Wall forms; and burned holes in new sheet piles for resteel installation.
- b) Drove new sheet piles between East B/L Sta's 111+89.3 and 112+22
- c) Con't installation of resteel for bottom sections of East Mono's #151 & #153.

Days of no work and reasons for same:

No delays incurred so far this month, due to adverse weather.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.8%

PERCENT TIME ELAPSED: 29.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CATHODIC PROTECTION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed finishers rubbing and patching tie-rod holes in surfaces of East Mono #157 this date. Noted burlene being used for curing of Mono #157 is being kept thoroughly wet as required.

CATHODIC PROTECTION: Observed B&K tack-welding #6 resteel bars to the tops of all sheet piles, between East Mono's #144 and #154.

RESTEEL INSTALLATION: Observed rodbusters setting and tying all required resteel into the bottom sections of East I-Wall Mono's #151 and #153. Rodbusters also tied resteel mats for the top sections (wall stems) of I-Walls this date.

STEEL SHEET PILES: Observed Gill driving approx. 18 pcs of CZ-101 X 24'-9" new sheet piles between approx. East B/L Sta's 111+89.3 and 112+22. All piles were driven plumb, and to a top elev. of +4.75' as required, except for the 4 piles at monolith joints which were driven down approx. 9" deeper (approx. elev. +4.00'). All is in accordance with approved shop drawings.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: To-Date Temporary Flood Protection is being provided to an approx. elev. of +6.75' as required, between approx. East B/L Sta's 111+70 and 119+03. All other areas still has the undisturbed sheet piles or capped sheet pile floodwalls.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

VISITORS: D. Normand, J. Petitbon, and H. Chan of ED-C.

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

Checked and found cement finishers wearing rubber gloves, safety glasses, and hard hats, when rubbing surfaces of new I-Wall.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant
ZANE D. BRYANT JR.

DATE

07 FEB 95

SUPERVISOR'S INITIALS

ym

DATE

2/10/95

DATE: 2-3-85

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Inspected 1st monolith
+ noticed some areas of the p/s fractured
fin had broken off. This will have to be
repaired. Finisher continuing to rub & patch
wall surface using cement. grout to fill &
repair holes. Observed burline had been
placed on wall + wetted for curing
purposes.

Instructions to COC/Remarks: None given today

Chas Hagner Proj Engr
Name Title

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

DATE: 02/03/95

REPORT NO.: 86

SKIES: Clear - Pt. Cloudy RAIN: Trace IN. TEMP.: 60 MIN 78 MAX
 (Very Windy)

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Burned holes for Re-Steel and welded #6 Re-Bar to new Sheet Piling for Cathodic Protection at I-Wall Monoliths #154 through #144. Station 119+02.30 to Station 113+82.64). Cement Finishers patched and rubbed I-Wall Monolith #157, poured on 02/01/95. Carpenters worked on I-Wall Forms in the Staging Area at Robert E. Lee Blvd.. Mobilized a 20 Ton Grove Cherry Picker to handle Forms in the Staging Area today. (All work described was on the East Bank.)

ARCADIA REBAR - Tied Reinforcing Steel at I-Wall Monoliths #151 and #153 (bottoms only) and tied 2 Wall Steel Curtains on the Levee windrow for future placement.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling 24'-9" long on the East Bank from Station 112+22.00 to Station 111+89.30 (18 pieces).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	48	B & K	Cathodic Protection; Cement Finishing; Assembling I-Wall Forms.
4	Skilled	32	"	
1	Supt.	10	"	
1	QC Rep.	9	"	
2	Skilled	16	ARCADIA REBR	Tying Re-Steel for I-Wall. (See locations above.)
2	Skilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	3	5	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	Yes	6	2	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	6	2	-
Fiat-Allis MotorGrader	-	Yes	1	7	Yes
Grove 20 Ton Picker	ARR	Yes	4	4	No

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Monitored vibrations adjacent to Pile Driving work.
Results not furnished to B & K CONSTRUCTION.

MATERIALS RECEIVED

None received today.

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

Inspected Cathodic Protection work done today. #6 Rebar was laced welded to each piece of new CZ-101 Steel Sheet Piling. No Rebar extended through the expansion joints. Rebar was clean and free of rust or scale.

Inspected the Sheet Pile work done today also. Cut off elevation was controlled by template beam, spudded down at each end. Offset stakes were used to align the beam.

JOB SAFETY

(Note inspection, violations/actions taken)

Mechanic installed yellow caution lights on the Motor Grader, Front End Loader, and 580 Backhoe today. Also installed orange reflective signs on the rear of these rubber tire machines as well.


Placed "NO SMOKING" signs on diesel fuel tank temporarily, until the stickers arrive from diesel supplier.

REMARKS

(Instructions received, miscellaneous remarks)

The 535 Crane and V-5 Vibratory Hammer were moved back to the tie-in station (+ 119+05) in preparation for connection to existing Floodwall on Monday.

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



Authorized Q C Representative

02/06/91

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

60

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

DATE Thursday
02 February 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear to Partly Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 54°	MAXIMUM 72°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET 0.60'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-22 hrs	SKILLED 8-70 hrs	LABORERS 6-60 hrs	TOTAL 16-152	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

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

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

- a) Poured stab slab, E.B/L Sta's 113+70 to 114+72; Installed cathodic protection jumpers; and wrecked I-Wall forms from Mono #157.
- b) Drove new sheet piles, between E.B/L Sta's 112+22 & 112+69.10
- c) Installed resteel for East Mono's #151 and #153.

Days of no work and reasons for same:

No delays incurred so far this month due to adverse weather.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.6%

PERCENT TIME ELAPSED: 29.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CATHODIC PROTECTION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

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

The following Initial QA Inspection was performed this date:

REINFORCED CONCRETE FLOODWALL: See attached minutes for details of this QA Inspection.

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

CATHODIC PROTECTION: Checked installation of cathodic protection jumpers between I-Wall Monoliths #141 and #146 this date. Found that jumpers of 1/0 size wire were cadwelded to new sheetpiles between monolith joints, approx. 8" below proposed bottom elev. of I-Walls. Observed contractor coating exposed wires with Handicap Epoxy as required. Loops in cables were grater than 8" required.

NEW SHEET PILES: Observed the driving of CZ-101 X 24'-9" sheet piles, between E.B/L Sta's 112+22 and 112+69.10, down to a top elev. of +4.75' as required. All piles were driven plumb and on proper alignment.

REINFORCED CONCRETE FLOODWALL: Observed rodbusters setting and tying resteel for the bottom sections of I-Wall Mono's (East) #151 and #153. All steel tied in accordance with approved shop drawings. Checked and found area formed for stab.slab between E. B/L Sta's 113+70 and 114+72, were graded to allow for 4" of concrete, and had a top elev. of +2.00'.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

B&K held Weekly Safety Meeting on site at 0730 hrs. this date. See attached minutes for topics discussed.

Checked and found welder wearing his hard hat, leather gloves, and welding goggles during the cadwelding operations this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

07 Feb 95

SUPERVISOR'S INITIALS

Y

DATE

2/10/95

DATE 2-2-85

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel working on slab slab forms near STA. 114+00. Concrete to be placed later in day. Contractor broke loose wall forms on 1st pour after 18 hr. time limit had expired. Forms not totally removed so I was unable to inspect wall.

Instructions to COC/Remarks: N/A

Chunf Wagner Proj. Engr
Name Title

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

DATE: 02/02/95

REPORT NO.: 85

SKIES: Clear

RAIN: 0 IN.

TEMP.: 54 MIN 72 MAX

DUST: Minimal

LEVEE CONDITION: Dry

CANAL GAUGE: (0.6)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters formed Stabilization Slab from Station 114+05 to Station 113+70 on the East Bank. Then, poured concrete Stabilization Slab from Station 114+72 to Station to Station 113+70. Installed Bond Cables for Cathodic Protection at Monolith Joints #146-145, #145-144, #144-143, #143-142, and #142-141 on the East Bank. Wrecked I-Wall Forms at Monolith #157 (East Bank) at 1:00 PM today. Set one Wall Form at Monolith #159.

ARCADIA REBAR - Rodbusters tied Reinforcing Steel at I-Wall Monoliths #151 and #153 on the East Bank (Bottom Steel only). Also tied two Re-Steel Wall Curtains on the Levee to be set in place later.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling (24'-9") on the East Bank from Station 112+69.10 to Station 112+22.00 (26 pieces). Hauled off RZ-10 Sheet Pile scraps from the East Bank to be disposed of.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	60	B & K	Forming & Pouring Stabilization Slab; Wrecking I-Wall Forms; Installing Cathodic Protection Bond Cables; Setting I-Wall Forms. (See locations above.)
4	Skilled	40	"	
1	Supt.	11	"	
1	QC Rep.	11	"	
2	Skilled	14	ARCADIA REBR	Tying Reinforcing Steel. (See locations above.)
2	Skilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piling; Removing cut off scraps from the Levee. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	3	5	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	6	2	-
Fiat-Allis MotorGrader	-	No	2	6	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Monitored vibrations caused by Pile Driving operations today. The results were not furnished to B & K CONSTRUCTION.

MATERIALS RECEIVED

Received 8 cubic yards of Concrete. (Mix #42) from LAFARGE CONCRETE today. This material was used in Stabilization Slab. (See page one for location.)

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

An initial inspection of the first I-Wall Monolith was conducted today. Minutes of the inspection are attached to this report.

Inspected Sheet Pile work performed today. Cut off elevation was maintained at 4.75. All interlocks were fully engaged. Curing of first Monolith poured (#157) started today. Burlene blanket was placed over entire Wall surface, top and ends. Burlene was wet thoroughly, as well as the Wall surfaces.

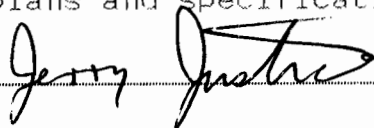
JOB SAFETY
(Note inspection, violations/actions taken)

Held the weekly Safety Meeting today. The topic discussed was prevention of falls. Climbing ladders, scaffolds, and formwork all pose a potential risk to employees from falls. Inspected rigging & spreader beam used to lift Forms. All rigging in good condition. No defects or excessive wear noted.

REMARKS
(Instructions received, miscellaneous remarks)

Some patching and repair is necessary on I-Wall Monolith #157. In two places the fractured fin needs repair, as well as a small amount of honey combs near the bottom of the Wall. This will be repaired tomorrow.

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



02/03/95

INITIAL INSPECTION OF
REINFORCED CONCRETE FLOODWALL

An initial inspection was conducted on the reinforced Concrete Floodwall portion of the work completed so far. The work inspected was I-Wall Monolith #157 on the East Bank. Present for the inspection were Inspector Zane Bryant representing the Government, and Superintendent Mike Tassin and Q.C. Representative Jerry Justice representing B & K CONSTRUCTION. The 24 hour notice was given on 02/01/95.

The reinforcing steel, sheet piling, cathodic protection, waterstop, and chamfer strip had been inspected prior to concrete placement. Clearances were correct, as well as the size, number, and spacing of re-steel. The #6 rebar for cathodic protection was welded to each sheet piling piece, but did not extend through the expansion joint. Form alignment, plumbness, cleanliness, and form release application were also checked. These items were all reported on LMN Form #1246.

Placement of concrete was accomplished by use of a 1 1/2 cubic yard bucket, with a hopper and trimmies to reduce the distance the concrete was dropped to less than 5' vertically. Concrete vibrators (2) were used to consolidate each 18" layer of concrete. The top of the I-Wall was brought to grade and finished with a float, then trowel finished after surface moisture had dried up.

DELTA TESTING inspected the concrete delivered by LAFARGE CONCRETE when it arrived on site. Air Content and Slump were checked twice, and the results were as follows: % Air= 4.0% and 6.25%; Slumps were 1 3/4" and 2 1/4". Concrete and air temperatures were within the range specified. 3 cylinders were molded from the concrete mix delivered today. These will be delivered to the Government for compressive strength tests within 48 hours.

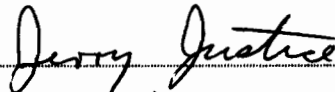
Wall forms were wrecked from Monolith #157 the next day, approximately 20 hours after completion of the concrete pour. Some small honeycombs were noted near the bottom of the wall, and the fractured fin broke off in three small places, approximately one to two feet long. These will be repaired as quickly as possible. The broken fins were caused by the fact that the rubber liner pulled loose from the form plywood. We are correcting this problem by re-attaching the liner using more screws, or nuts and bolts to hold the liner more securely.

INITIAL INSPECTION OF
REINFORCED CONCRETE FLOODWALL

Curing of wall started today, as soon as the forms were removed. Burlene blankets were draped over the top of the wall, and covered the entire surface of the Monolith. This burlene was wet thoroughly prior to placement, as was the concrete wall itself. The burlene blanket was weighted down to keep it in contact with the surface of the wall.

Inspector Bryant reminded Mr. Tassin that someone must check the burlene and wet down each wall being cured every day of the week, including Saturdays and Sundays and holidays. Mr. Tassin stated that he is purchasing a new Vibrator with a 2 1/2" head and a longer whip to make concrete consolidation easier and better. Mr. Justice stated that alignment and elevation was his responsibility, and he would continue to check each form prior to concrete placement using LMN Form #1246.

Inspector Bryant stated that he was satisfied with the work inspected today. Mr. Tassin said that he plans to continue with the same methods of construction for reinforced concrete floodwall throughout the duration of the contract. With all matters adequately discussed, the inspection was concluded.



Jerry Justice
Quality Control Representative
B & K CONSTRUCTION

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 02/02/95

TIME: 7:30 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: PREVENTING FALLS

Today's Safety Meeting was held to discuss prevention of falls on the job. Employees were informed of the fact that the majority of serious injuries and deaths in the construction industry are due to falls. Much attention should be given to the prevention of falls, as as described below.

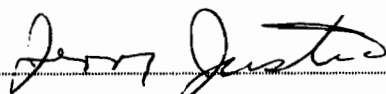
The scaffolding attached to the I-Wall Forms must be secured per Manufacturer's directions. Walkboards must be No. 1 Lumber material, and should be inspected daily for defects that could cause breakage. These boards must be fastened to the scaffold brackets with nails, screws, or wire. Toe boards and handrails must also be in place before allowing workers to use the scaffolding. A check of all these components should be made each day, and any deficiencies reported to the Superintendent, Foreman, or Quality Control Representative.

Ladders must be provided for access to the scaffold, and should extend at least 3' above the platform. Ladders must be secured with rope, wire or chains to the scaffold or forms at the upper end. Ladders must be inspected daily as well, and replaced if any defects are observed.

Employees were instructed not to climb ladders or forms while carrying any tools or equipment in their hands. A rope should be used to raise and lower these items instead. Ladders should also be used to enter and exit the Structural Excavation, as the existing Sheet Piles must be climbed over, creating a 5' foot drop to the level below.

COMMENTS:

Also discussed: Checking rigging on Concrete forms and buckets before each lift; warning employees before a suspended load is swung over a work area, to allow time to get clear of the danger; Pile Drivers reminded to check all rigging and the Vibratory Hammer each day for defects or loose parts that could fall.



CONTRACTOR'S SUPERINTENDENT

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

Safety Meeting

ATTENDEES

2-2-95

Jim Justice
Steve Thone
Mike Comcamp
Jody Leonard
D. Fred Brown
Bryan Jackson
H.B. Kenyon
L.H. Laprade
Willie Dillies
Larry J. Lee
Craig Thibodeaux
Bryon J. Joubert
Mike Tassin
Bryan Verdun.
Cindy Ewan

**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

59

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

DATE Wednesday
01 February 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
36°	64°

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

24 HOUR PRECIPITATION

INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-2 hrs			1-10 hrs	2-12 hrs	

FEET	TIME
0.60'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-20 hrs	8-64 hrs	7-65 hrs	17-149	0700 M	1730 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

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

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

- a) Set forms and placed concrete for I-Wall Mono #157 on East Levee.
- b) Drove 48 pcs of CZ-101 X 24'-9" sheet piles, East Levee, B/L Sta's 112+69 to 113+55.
- c) Set resteel for Wall Stem of Mono #157 and bottom resteel for Mono #159, East Levee.

Days of no work and reasons for same:

No delays due to adverse weather/wet ground conditions so far this month.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 8.4%

PERCENT TIME ELAPSED: 28.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Checked and found forms and chamfer strips set to proper alignment and grades. Top chamfer strips were set at elev. +14.40' as required for East Mono #157. Observed B&K placing approx. 17½ cy of 3000# concrete mix into forms for East I-Wall Mono #157, this date, between East B/L Sta's 117+58± and 117+87±, between approx. elev's +2.00' and +14.40' as required. Contractor used 1-1½cy concrete bucket and 2-2" vibrators to place concrete this date. Witnessed Delta Testing Rep. molding 3 concrete test cylinders (LA-03), taking all required concrete test (see Remarks Section below for results). Performed Pre-Placement Inspection on East Mono #157, using LMN Form 1246, prior to placing concrete.

STEEL SHEET PILES: Observed Gill using 1-Koehring 535 Piledriver with a MKT V-5 vibratory hammer to drive 48 pcs of CZ-101 X 24'-9" steel sheet piles, down to approx. elev. +4.75' as required, between approx. East B/L Sta's 112+69.10 and 113+55.70. All piles were driven plumb and on proper alignment. Using a 40' I-Beam as a template.

RESTEEL INSTALLATION: Made a bar count on all resteel installed for the Wall Stem section of East Mono #157 and the bottom section of East Mono #159 this date. Found all steel to be in accordance with approved shop drawings.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NOTE: Results of Concrete Testing performed this date are as follows: Slumps = 1-3/4" & 2¼"; Air Entr. = 6.25% & 4.0%; Concrete Temps = 73° & 65°; Air Temps = 70°.

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

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


GOVERNMENT PERSONNEL ON SITE

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

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

Checked and found ladders properly secured to I-Wall Scaffold and extending approx. 3' above the scaffold decking. Also noted that all personnel involved in placing concrete this date, were wearing safety glasses and rubber gloves.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  LANE B. BRYANT, JR.	DATE 03 FEB 95	SUPERVISOR'S INITIALS g	DATE 2/7/95
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FORM CHECK OUT FOR

STRUCTURES
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH # 157 LIFT NO. 1 ELEVATION from 2.00 to 14.40 DATE OF POUR 2-1-95

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	2-1-95	11:00	ZRB	2-1-95	1300
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	"	"	N/A	N/A	N/A
ANGLE	"	"	"	"	"	"
HEADS	"	"	"	"	"	"
C. STAB. SLAB/JOINTS	JmJ	2-1-95	11:00	ZRB	2-1-95	1300
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	"	"	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	2-1-95	11:00	ZRB	2-1-95	1305
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	2-1-95	11:00	ZRB	2-1-95	1310
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jin J.	2-1-95	11:00	ZLB	2-1-95	1310
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.88'	✓	"	"	✓	✓	✓
WIDTH 21" to 12"	✓	"	"	✓	✓	✓
HEIGHT 12.42'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jin J.	2-1-95	11:00	ZLB	2-1-95	1315
G. SAFETY (LIST)	Jin J.	2-1-95	11:30	ZLB	2-1-95	1315
1. Safety Glasses	✓	"	"	✓	✓	✓
2. Ladders/scaffolds	✓	"	"	✓	✓	✓
3. Digging	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jin J.	2-1-95	11:30	ZLB	2-1-95	1315
Expansion material	None This Pour	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 300	1	Excavator	2:00	2 1/2				
Concrete Bucket	1	1 1/2 Yard	2:00	2 1/2				
Concrete vibrator	2		2:00	2 1/2				

J. REMARKS SLUMP = 1 3/4" & 2 1/4" ; AIR ENTR. = 6.25% & 4% ; CONCRETE TEMPS = 73° & 65°
 AIR TEMPS = 75° & 75° ; 3 Test Cylinders (LA-03)

FINAL CLEARANCE

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

INSTRUCTIONS

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

DATE: 2-1-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed the placement of concrete for mono # 157 (1st one placed). Concrete was being well vibrated & witnessed the taking of air & slump tests. Slump was 2 1/4" & air was 4.0%. Subcontractor continuing to drive permanent sheet piling near Sta. 113+25. Level being used to check plumbness of shafts & template used for alignment. All personnel wearing hard hats & safety shoes.

Instructions to COC/Remarks:

None given today.

Chun H. Nguyen Proj Engr
Name Title

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

DATE: 02/01/95

REPORT NO.: 84

SKIES: Clear

RAIN: 0 IN.

TEMP.: 36 MIN 64 MAX

DUST: None

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters readied I-Wall Forms at Monolith #157 (East Bank) for 2:00 PM Concrete pour. Installed walkway brackets & walkboards, toe boards, and hand rails. Worked on other Wall Forms at the Staging Area. Laborers assisted in formwork and placement of Concrete. Poured I-Wall Monolith #157 (East) at 2:00 PM to 4:15 PM today.

ARCADIA REBAR - Rebarbers tied Reinforcing Steel at East Bank Monolith #157 (Wall Steel) and #159 (Bottom Steel only). Placed bar supports to maintain clearance at Monolith #157.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling 24' - 9" long on the East Bank from Station 113+55.70 to Station 112+69.10. (48 pieces). No other work performed by GILL'S CRANE SERVICE today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	57	B & K	I-Wall Formwork; Concrete placement; I-Wall Form assembly. (See locations above.)
4	Skilled	38	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
2	Skilled	10	ARCADIA REBR	Reinforcing Steel Placement. (See locations above.)
2	Skilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)
1	Unskilled	8	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	5	3	-
Fiat-Allis MotorGrader	-	No	0	8	-

TESTS PERFORMED

(As required by plans/specifications)

DELTA TESTING - performed Concrete Testing and Vibration Monitoring today on the East Bank. Results of the Concrete testing were furnished to Inspector Zane Bryant today. Vibration Monitoring results only furnished to the Orleans Levee Board. Results of Concrete Tests: Slump = 1 3/4" and 2 1/4"; Air Entr. = 6.25% and 4.0%; Concrete Temp. = 73° and 65°.

MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE today. This Concrete was placed at Monolith #157 on the East Bank. Test results were in compliance with contract requirements. Batch weights were written on the tickets by LAFARGE CONCRETE, however the information was incomplete. I will request a State Ticket to be sent out with each truck to supply Zane Bryant with all information needed to complete water/cement ratios.

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

Inspected the Formwork, Re-Steel, and Waterstop on the I-Wall Monolith #157 before placing Concrete today. Plumbness and alignment of Forms were correct within 1/4". Elevation of Chamfer Strip at top of Wall was also checked, and found to be at elevation 14.41. Checked clearances and spacing of Re-Steel; all okay. Waterstop was placed in center of I-Wall at each end, and stopped at 6" from the top and 3" from the bottom of the Concrete. The required form checklist was completed and signed by the contractor and the Government before placement of Concrete began.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked scaffolding and ladder at I-Wall Forms today. Steel Walkway brackets were bolted onto Steel framework of I-Wall Forms. Walkboards were No. 1 treated pine 2"x12", and nailed down to the brackets. 2x4 toe boards and handrails were in place, and the access ladder was secured at the top to prevent movement.

REMARKS
(Instructions received, miscellaneous remarks)

An initial inspection of the 1st I-Wall Monolith poured by B & K CONSTRUCTION will be conducted tomorrow.

The final revision of the East Bank Monolith Detail-Progress Chart by SLOAN ENGINEERING had Monolith numbers that were different than the previous drawings. These new Monolith numbers will be adopted by B & K and used from now on. Past reports showed Bond Cables on the East Bank for Cathodic Protection installed at Monolith Joints #155-154 through #141-140. The corrected Monolith numbers where Bond Cables have been installed to date are Monolith Joints #161-160 continuous through Monolith Joint #147-146. All future reports will refer to the new Monolith numbers per Monolith Progress Chart Revision 2, January 18, 1995.

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



Authorized Q C Representative

02/02/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

58

TO Area Engineer,
CELMN-CD-NO

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

DATE Tuesday
31 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
32°	58°

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

24 HOUR PRECIPITATION

INCHES	ENDING
0.00"	0740 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
0.80'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-19 hrs	6-52 hrs	6-54 hrs	14-125	0700 M	1730 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STRUCTURAL EXCAVATION; CONCRETE FLOODWALL; TEMPORARY FLOOD PROT.
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c. _____

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

- a.) Structural excavated between East B/L Sta's 112+10 & 113+25; Set I-Wall forms for Mono #157, East Levee; Removed existing MP-112 sheet piles between East B/L Sta's 112+10 & 114+05.
- b.) Pulled up existing RZ-10 piles approx. 3.25', then cut them off between approx. East B/L Sta's 111+92 and 112+60.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13, 23 & 27 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 7.9%

PERCENT TIME ELAPSED: 28.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

STRUCTURAL EXCAVATION: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OFF EXISTING SHEET PILES: No instructions issued.

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

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

STRUCTURAL EXCAVATION: Observed B&K using Komatsu 200 Excavator, to excavate for new I-Wall between approx. East B/L Sta's 112+10 and 113+38, down to approx. elev. +1.65' on the F/S of the existing sheet pile wall. Removed existing MP-112 piles between 112+10 and 114+05.

REINFORCED CONCRETE FLOODWALL: Observed B&K continuing to set I-Wall forms for I-Wall Mono #157, this date, between approx. East B/L Sta's 117+58 & 117+87. Noted that 3/4" chamfer strips were placed at approx. 14.40' elevation as required. Also began to install bulkheads of Mono #157 this date.

CUTTING OFF EXISTING RZ-10 SHEET PILES: Observed Gill pulling existing piles up approx. 3.25' between East B/L Sta's 111+70 and 112+25, then cutting the piles off at approx. elev. +6.75' as required for temporary flood protection, between approx. East B/L Sta's 111+92 and 112+60.

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

TEMPORARY FLOOD PROTECTION: Temporary flood protection is being provided between East B/L Sta's 111+92 and 119+05 (713 lf), by cutting off the existing RZ-10 piles at elev. +6.75' as required.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)
NONE

CONTROVERSIAL MATTERS IN DETAIL
NONE

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

NOTE: Contractor intends to place concrete for Mono #157 (1st placement) on Wed., 01 Feb 95.

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

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

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

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

Observed cutting torch operators wearing hard hats, cutting goggles, leather gloves and sleeves, and protective footwear this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

[Signature]
LANE D. BRYANT JR.

DATE

02 Feb 95

SUPERVISOR'S INITIALS

[Initials]

DATE

2/4/95

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

DATE: 01/31/95

REPORT NO.: 83

SKIES: Clear

RAIN: 0 IN.

TEMP.: 32 MIN 58 MAX

DUST: None

LEVEE CONDITION: Dry CANAL GAUGE: (0.8)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters assembling I-Wall Forms in the Staging Area; Plumbing and setting bulkheads and chamfer strip at Monolith #151 on the East Bank. Operator performed Structural Excavation on the East Bank from Station 114+05 to Station 112+10. Removed MP-112 existing Sheet Piling from the Excavated area of the Levee, and hauled these scrap Sheets to the scrap metal bin disposal.

GILL'S CRANE SERVICE - Pulled up existing Sheet Piling on the East Bank approximately 3.25' from Station 112+25 to Station 111+70. Cut these Sheet Piling off at elevation 6.75 from Station 112+60 to Station 111+92 for Temporary Flood Protection.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	54	B & K	Working on I-Wall Forms; Excavating for I-Wall placement; removing existing MP-112 Sheet Piling.
4	Skilled	36	"	
1	Supt.	10	"	
1	QC Rep.	9	"	
2	Skilled	16	GILL'S CRANE	Pulling up & cutting off existing Sheet Piling. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	4	4	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	Yes	2	6	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	3	5	-
Fiat-Allis MotorGrader	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

Received 50 bags of "Duragrout" non-shrink grout (50 pounds each) from PELICAN SUPPLY. This material is stored outside on pallets and covered with 2 layers of Visqueen. Also received 20 rolls of burlene (from PELICAN SUPPLY) 20' wide x 100' long for Concrete Floodwall curing.

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

Inspected Structural Excavation done today. Elevation at bottom of Excavation was + 1.6, controlled by a grade checker using the laser level. The width of the trench was approximately 3.5' each way from C/L of I-Wall. All concrete and other debris was grubbed out of the Excavated area. Excavated material was windrowed on the Canal Side of the trench. Most of this material is unsuitable for use as Structural backfill. We are currently considering sources of suitable backfill material for use on this job.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked for fire extinguishers on board the Kubota and Komatsu Excavators. Both machines had 5 lb. ABC extinguishers aboard, fully charged and easily accessible.
Placed flammable stickers on the diesel fuel tank today. "NO SMOKING" signs are on order as of today.

REMARKS
(Instructions received, miscellaneous remarks)

We plan to pour our first Concrete I-Wall Monolith tomorrow on the East Bank (Monolith #151) at 12:30 PM.

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


Authorized Q C Representative

02/01/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

57

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun. & Mon.
28, 29 & 30 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER Cloudy and Cool to
Clear and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
40°	58°

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

24 HOUR PRECIPITATION

INCHES	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
1.20'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-19½ hrs	6-52 hrs	5-45 hrs	13-116½	0700 M	1730 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STRUCTURAL EXCAVATION; CONCRETE FLOODWALL;
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c. _____

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

- a.) Structural excavation between East B/L Sta's 113+25 and 113+50; Set forms for I-Wall Mono #151, East Levee; and Set forms for stabilization slab between East B/L Sta's 114+05 and 114+72.
- b.) Pulled up existing RZ-10 piles between East B/L Sta's 112+25 & 112+98; and Cut-off existing piles between East B/L Sta's 112+60 and 113+38.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13, 23 & 27 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

Progressive work was not scheduled or performed during the period of 28 & 29 Jan 95. Progressive work was scheduled and performed on Mon., 30 Jan 95. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 7.9%

PERCENT TIME ELAPSED: 28.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 30 Jan 95:

STRUCTURAL EXCAVATION: No instructions issued.

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OFF EXISTING SHEET PILES: No instructions issued.

TEMPORARY FLOOD PROTECTION: See "Verbal Instructions" on back of this Report.

NOTE: No CQC Inspection Phases were attended on Sat. & Sun., 28 & 29 Jan 95. No work being performed by contractors.

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

The following Preparatory QA Inspection was performed on Mon., 30 Jan 95:
REINFORCED CONCRETE FLOODWALL: PE, C. Wagner and QAR, Z. Bryant attended the Preparatory Meeting for this phase of work this date. See attached minutes.

The following Follow-Up QA Inspections were performed on Mon., 30 Jan 95:
STRUCTURAL EXCAVATION: Checked and found B&K had structural excavated on the F/S of existing floodwall, between approx. East B/L Sta's 113+25 & 113+50, down to approx. bottom elev. +1.65'
REINFORCED CONCRETE FLOODWALL: Observed B&K setting F/S I-Wall form for East I-Wall Mono #151. B&K also set wooden forms for stab. slab, between East B/L Sta's 114+05 & 114+72, to a top elev. of +2.00' as required.
CUTTING OFF EXISTING SHEET PILES: Observed Gill pulling up existing RZ-10 piles approx. 3.25' between East B/L Sta's 112+25 & 112+98, and cutting off these piles at approx. elev. +6.75' between approx. East B/L Sta's 112+60 & 113+38.
TEMPORARY FLOOD PROTECTION: Is provided between approx. East B/L Sta's 112+60 & 119+05, by cutting off the existing RZ-10 sheet piles at approx. elev. +6.75' as required.
QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

QAR, Z. Bryant instructed CQC Rep's M. Tassin and J. Justice that in accordance with para. H-23 of the Contract Special Clauses, no work is to be performed between the hours of 6:00pm and 7:30am. Therefore no equipment shall be started before 7:30am each work day. Both Rep's agreed to concur.
 QAR, Z. Bryant also instructed CQC Rep's M. Tassin and J. Justice, not to exceed the 750 l.f. limit set for temporary flood protection, during Non-Hurricane Season. This is in accordance with para. C2H-5.1 of the Contract. Mssrs. Tassin and Justice both agreed to concur.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NONE

NOTE: Contractor's QC Report for Fri., 27 Jan 95 has been received this date, and is also hereby submitted with this report.

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


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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hr. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs. (Mon)	QAR

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

Made a visual safety inspection on Mon., 30 Jan 95, on the oxy/fuel cutting operations. Found that anti-flow back valves were properly installed, both cutters had fire extinguishers readily available, both cutters were wearing cutting goggles, leather gloves & sleeves, hard hats, and safety toed boots.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  LANE D. BRYANT JR.	DATE 31 JAN 95	SUPERVISOR'S INITIALS gw	DATE 2/1/95
--	-------------------	-----------------------------	----------------

DATE: 1-30-98

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed carpenters & laborers setting wall form (1st monolith) on east side. Also setting & forming up slab slab forms on east side near STA. 114+50. Subcontractor personnel were seen pulling up existing sheet piling & then cutting off @ el. 6.75'. This is being used as temp. flood protection.

Instructions to COC/Remarks: Attended prep on Reinforced Concrete Floodwall. Minutes to follow.

Chunf Wagner Proj Engr
Name Title

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

DATE: 01/30/95

REPORT NO.: 82

SKIES: Cloudy + Clearing RAIN: 0 IN. TEMP.: 40 MIN 58 MAX

DUST: None LEVEE CONDITION: None CANAL GAUGE: (1.2) NOISE: Moderate

WORK PERFORMED/LOCATION

01/28/95 Saturday - No work performed.

01/29/95 Sunday - No work performed.

01/30/95 Monday - B & K CONSTRUCTION - Carpenters set one wall form on the East Bank at Monolith #151. Set Stabilization Slab Forms on East Bank from Station 114+72 to Station 114+05. Operator performed Structural Excavation from Station 113+50 to Station 113+25 on the East Bank. Laborers replaced "KEEP OUT" signs on the Safety Fence & Swing Gates.

GILL'S CRANE SERVICE - Pulled up existing Sheet Piling on the East Bank approximately 3.25', and then cut them off at elevation 6.75 for Temporary Flood Protection from Station 113+38 to Station 112+60. Sheet Pile were pulled up to Station 112+25, and will be cut off at 6.75 tomorrow.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	45	B & K	I-Wall Formwork; Stabilization Slab Formwork; Structural Excavation; I-Wall Form Assembly. (See locations above.)
4	Skilled	36	"	
1	Supt.	10	"	
1	QC Rep.	9.5	"	
2	Skilled	16	GILL'S CRANE	Pulling up and cutting off existing Sheets. (See locations above.)
0	Unskilled	0		

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	Yes	2	6	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	3	5	-
MKT Vibro Hammer	-	Yes	3	5	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	3	5	-
Fiat-Allis MotorGrader	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

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

A preparatory inspection was conducted on "Reinforced Concrete Floodwall" today. Minutes of the meeting are attached to this report. Checked the Temporary Flood Protection elevation today. Existing Sheet Piling were cut off at elevation 6.75, plus or minus one inch. No gaps or breaks were noted below elevation 6.75. Gap opening at end of the day was \pm 645. The 750' gap limit (Station 111+60) is clearly marked with paint on the existing Sheet Piling.

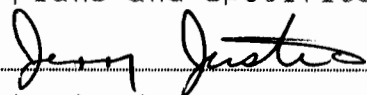
JOB SAFETY
(Note inspection, violations/actions taken)

Checked workers for Hard Hats on the Levee and at work areas. All personnel were wearing appropriate Hard Hats and Steel Toed Boots. Checked subcontractor's personnel for Eye Protection during torch burning operations. Both workers using torch rigs were wearing approved burning goggles while using the torch.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant instructed us not to start work or run equipment before 7:30 AM in accordance with spec. paragraph H-23. Mr. Tassin agreed to comply with this requirement. Inspector Bryant also instructed us not to exceed the 750' limit of Temporary Flood Protection below the height of the existing Floodwall. See "Inspections Performed" for comments on these instructions.

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


Authorized Q C Representative

01/31/95

Date

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

PREPARATORY AGENDA
REINFORCED CONCRETE FLOODWALL

1. The required 24 hour notice was given to Inspector Zane Bryant on 01/26/95.
2. Check attendance to assure that all necessary personnel are present for the meeting.
3. Determine whether all submittal requirements have been satisfied for this phase of work.
4. Discuss proposed methods that B & K CONSTRUCTION will use to accomplish this part of the work, including equipment and materials.
5. Review the Job Hazard Analysis prepared for this specific item of work. Address possible hazards and preventative measures required.
6. Establish Quality Control monitoring and reporting procedures for "Reinforced Concrete Floodwall" work.
7. Agree on the level of workmanship required for this phase of the contract.
8. Have all attendees sign the attendance register.

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

REINFORCED CONCRETE FLOODWALL
PREPARATORY INSPECTION

A preparatory inspection was held today to discuss the "Reinforced Concrete Floodwall" phase of this contract. The meeting was held in the field office of Inspector Zane Bryant at 10:00 AM. Present for the preparatory inspection were Zane Bryant and Chris Wagner representing the Government, with H.B. Kenyon, Mike Tassin, and Jerry Justice representing B & K CONSTRUCTION COMPANY, INC.. The required 24 hour notice was given to Inspector Bryant on 01/26/95.

The meeting started with a check of submittal requirements for "Reinforced Concrete Floodwall" work. All requirements were found to have been previously satisfied for this feature of work. All test reports except for LULICH STEEL COMPANY'S Certified Test Reports on Reinforcing Steel have been submitted and approved. Mr. Justice stated that he would follow up and procure the required test reports from LULICH STEEL COMPANY. He also stated that future deliveries of Re-Steel would have copies of the Certified Test Reports on board the truck as a condition of receipt.

Methods of construction were then discussed. Mr. Tassin said that he plans to pour two I-Wall Monoliths each day (Monday through Friday), after completion of the first seven (Flood Side Textured) Monoliths south of Robert E. Lee Blvd. A Crane will set one wall form on each Monolith (most likely the Flood Side Form), and then set the Reinforcing Steel in place. Next, the Protected Side I-Wall Forms will be set in place, and finally, the bulkheads and waterstop will be installed.

After alignment and grade are set, an inspection will be made to certify that the Forms are ready to receive Concrete. This inspection shall cover all Formwork and embedded items, and will be done in sufficient time prior to each scheduled Concrete pour so that the Government Inspector will have time to conduct his own inspection. The result of these inspections will be reported in writing on LMN Form #1246 to the Government Inspector.

REINFORCED CONCRETE FLOODWALL
PREPARATORY INSPECTION

Mr. Wagner stated that we must comply with Paragraph C3D - 12.2, which states that all tie rod holes and defective concrete must be repaired within 24 hours after form removal. Mr. Tassin said that he plans to have a cement finisher patching and repairing concrete as soon as the Monoliths are wrecked out. Mr. Bryant also answered Mr. Justice's question concerning where to stop the 3/4" chamfer at expansion joints. The chamfered edges should stop 6" below finish grade. Mr. Bryant also stated that each bar of Reinforcing Steel should be tied with 16 gauge tie-wire (black annealed), and the wire bent so as not to touch the face of the form. Mr. Justice asked a question about cutting expansion joint material out at chamfered edges of expansion joint. Mr. Wagner said that the Government would prefer that we wait until after the painting has been completed before cutting off the 3/4" excess of expansion filler material. This method will provide a better finished product.

Placement of concrete was then discussed. Mr. Tassin stated that he plans to place concrete using a 1 1/2 cubic yard concrete bucket, with trimmie chutes to keep the concrete drop under 5' vertically. Layers of concrete will be 1.5' maximum thickness, and concrete vibrators will be used to consolidate each layer. A spare vibrator will be kept on the site during concrete pours. Care will be taken to prevent cold joints or lift lines from developing. Hot weather and cold weather placing requirements were reviewed, as well as the time intervals allowed between concrete batch time and discharge time on the job.

Finishing requirements were then discussed, and all parties present were in agreement as to the difference between a Class "A" finish and a Class "D" finish. All exposed surfaces must receive a Class "A" finish. Any repairs made on the I-Wall will be done using approved non-shrink grout.

Curing of I-Wall concrete will be accomplished using burlene blankets kept wet for 7 days after placement. Laborers will wet the walls and burlene on Saturday and Sunday, as well as during the normal work week. Daily inspections of curing methods will be done and reported to the Inspector on site. Mr. Bryant stated that B & K CONSTRUCTION must repair tears or holes in the burlene covering immediately.

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

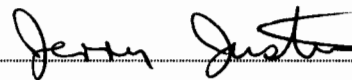
REINFORCED CONCRETE FLOODWALL
PREPARATORY INSPECTION

Mr. Tassin stated that DELTA TESTING & INSPECTION would be contacted to test concrete at the construction site. The results of their tests will be given to the Government Inspector on the same day of the tests. DELTA TESTING will have the authority to stop the concrete pour if test results indicate a problem with the concrete being tested. Typed results will be mailed to B & K CONSTRUCTION'S Mandeville Office to keep on file. DELTA TESTING has been forwarded a copy of the Specifications, and their field technicians will be aware of the specific testing requirements for this project. Mr. Bryant reminded Mr. Justice that all concrete test cylinders must be delivered to the Corps Testing Lab before 3:00 PM Monday through Friday. The test cylinders must be delivered between 24 and 48 hours after concrete placement is completed.

Safety requirements were discussed next, and the Job Hazard Analysis was reviewed. Mr. Tassin stated that only qualified operators will be allowed to operate equipment. Personnel will be required to wear hard hats and steel toed boots. All equipment will have working backup alarms. Forms will be secured in such a manner as to prevent crushing hazards. Materials will be stored or stacked neatly to keep walkways clear. Weekly Safety Meetings will be conducted to review possible hazards and accident preventative measures. Form checklists will be completed for each concrete pour, and will include a check of safety items specific to the I-Wall forming and concrete placement.

Mr. Justice and Mr. Tassin stated that they will both be responsible for Quality Control on this phase of the contract. Mr. Bryant said that the first Monolith poured will be considered a mock-up or demonstration panel, and will be inspected accordingly.

With all discussion on this phase of work concluded, the meeting was adjourned.



Jerry Justice
Quality Control Representative
B & K CONSTRUCTION

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

Reinforced Concrete Floodwall
Preparatory Inspection

ATTENDEES

1-30-95

- Jerry Justice B&K Const.
- H.B. KENYON " "
- Chris T. WAGNER
- ZANE BRYANT (COE-QAR)
- McLassie B&K Construction

**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

56

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

DATE Friday
27 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

MINIMUM 58°	MAXIMUM 68°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 1.10"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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Canal RIVER STAGE

FEET 1.00'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 2-10 hrs	SKILLED 0-0 hrs	LABORERS 1-2 hrs	TOTAL 3-12 hrs	FROM 0700 M	TO 1200 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - No Work This Date!
- b. Gill's Crane Service, Inc. - No Work This Date!
- c. _____

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

No work performed this date by Contractors, due to adverse weather conditions!

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13, 23 & 27 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

No progressive work performed this date, due to adverse weather conditions.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 7.9%

PERCENT TIME ELAPSED: 28.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended this date, due to no work being performed by Contractors, due to adverse weather conditions.

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

The following QA Inspections were performed this date:

SAFETY FENCES: Checked and found all swing gates to safety fences and staging areas, to be properly secured with chains and padlocks .

ENVIRONMENTAL PROTECTION: Checked silt fences for signs of damage and silt passing through the fabric. No damage was noted and no silt was found passing through the filter fabric this date, between approx. East B/L Sta's 103+00 and 119+05.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NOTE: Preparatory Meeting for Reinforced Concrete Floodwall that was tentatively scheduled for this date, was rescheduled for 1000 hrs. on Mon., 30 Jan 95, due to the adverse weather conditions.

NOTE: To-Date Temporary Flood Protection is provided to approx. elev. +6.75', between approx. East B/L Sta's 113+38 and 119+05 (567 l.f.). The existing floodwall remains in-place throughout all other areas of this project.
Contractor's Quality Control Report (~~submitted~~/not submitted) for this (date ~~period~~).

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

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

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

Checked and found boom lowered to the ground on the Koehring 535 Crane/Piledriver this date.
No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant Jr.
LANE D. BRYANT JR.

DATE

30 JAN 95

SUPERVISOR'S INITIALS

46 *7*

DATE

2/3/98

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

DATE: 01/27/95

REPORT NO.: 81

SKIES: Cloudy - Rain

RAIN: 1.10 IN.

TEMP.: 58 MIN 68 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (1.0)

NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to rain and wet soil conditions. 100% of today's production was lost due to early morning rain storms.

GIILL'S CRANE SERVICE - No work performed due to rain and wet soil.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
1	Unskilled	3	B & K	No work performed.
0	Skilled	0	"	
1	Supt.	5	"	
1	QC Rep.	5	"	
0	Skilled	0	GILL'S CRANE	
0	Unskilled	0		

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	No	0	8	-
Fiat-Allis MotorGrader	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

Received 125 Bolts and nuts today for new Sheet Pile connection to existing Floodwall at $\frac{1}{2}$ Station 119+05. Bolts were 7/8"x2", ASTM A325 Type 1 Bolts and Nuts.

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

The Preparatory Meeting scheduled for today at 10:30 AM was rescheduled for Monday, (1/30/95) at 10:00 AM.

JOB SAFETY
(Note inspection, violations/actions taken)

GILL'S CRANE SERVICE boomed down the Koehring 535 Crane before leaving the job site today. All equipment parked with blades or buckets lowered to the ground and parking brakes engaged, where applicable.

REMARKS
(Instructions received, miscellaneous remarks)

No work scheduled for Saturday or Sunday this week.

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


Authorized Q C Representative

01/30/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

55

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
26 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 45°	MAXIMUM 68°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730 M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 0.40'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-20 hrs	SKILLED 6-56 hrs	LABORERS 7-68 hrs	TOTAL 15-144	FROM 0730 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; CATHODIC PROTECTION
- b. Gill's Crane Service, Inc. - NEW SHEET PILES; CUTTING OFF EXISTING PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13 & 23 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 7.9%

PERCENT TIME ELAPSED: 27.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OFF EXISTING SHEET PILES: No instructions issued.

INSTALLATION OF NEW SHEET PILES: No instructions issued.

CATHODIC PROTECTION: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to build I-Wall forms in the north staging area this date. Observed laborers fine grading for 4" stabilization slab between approx. East B/L Sta's 114+70 and 115+65.

CATHODIC PROTECTION: Observed contractor cadwelding 3-cathodic protection jumpers approx. 7" below the proposed bottom elev. of I-Wall (+2.00'). Jumpers were satisfactorily bonded to the new sheet piles, between the monolith joints, between Mono's 140-141, 141-142, and 124-143. Observed contractor covering exposed jumper wires with Handycap Epoxy as required.

INSTALLATION OF NEW SHEET PILES: Observed Gill driving 44 pcs of CZ-101 X 24'-9" steel sheet piles, between approx. East B/L Sta's 113+55.70 and 114+34.90. All piles were driven plumb and on good alignment. All piles were driven to an approx. top elev. of +4.75' ($\pm 1\frac{1}{2}$ "') as required.

CUTTING OFF EXISTING STEEL SHEET PILES: Observed Gill pulling up the existing RZ-10 piles between approx. East B/L Sta's 112+98 and 113+38. Piles were pulled up approx. 3.25', but were not cut-off this date.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Contractor (B&K) requested that a Preparatory Meeting for Reinforced Concrete Floodwall be held at approx. 1000 hrs. on Fri., 27 Jan 95. This meeting was tentively scheduled and OK'd by PE C. Wagner and QAR, Z. Bryant.

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

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	6 hrs.	QAR

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

Checked and found slings being used to handle sheet piles this date, in very good shape. No safety infractions were noted this date.

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

INSPECTOR'S SIGNATURE

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

DATE

27 JAN 95

SUPERVISOR'S INITIALS

g *h*

DATE

2/2/95

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

DATE: 01/26/95

REPORT NO.: 80

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 45 MIN 68 MAX

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (0.4) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters worked on I-Wall Forms in the Staging Area. Moved two completed Forms to the East Bank to begin forming I-Wall tomorrow at Station 119+02.30. Poured Concrete Stabilization Slab from Station 115+65 to Station 114+72 on the East Bank. Installed 3 Bond Cables for Cathodic Protection (East Bank) at Monolith Joints #143 - #142 #142 - #141, #141 - #140. Operator used Komatsu 200 to assist Pile Driving operations.

GILL'S CRANE SERVICE - Drove 44 pieces of new 24' - 9" CZ-101 Sheet Piling on the East Bank from Station 114+34.90 to Station 113+55.70. Cut off elevation was 4.75 for all Piles driven today. Also pulled up existing RZ-10 Sheet Piles approximately 3.25' on the East Bank from Station 133+38 to Station 112+98 for Temporary Flood Protection. These Sheets will be cut off at elevation 6.75 tomorrow, weather permitting.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	60	B & K	Assembling I-Wall Forms; Grading pouring Concrete in Stabilization Slab; Installing Cathodic Protection Bond Cables.
4	Skilled	40	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
2	Skilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piling; Pulling up existing RZ-10 Sheets. (See locations above.)
1	Unskilled	8		

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	4	4	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	6	2	-
Kobelco LK 500 Loader	-	Yes	3	5	-
Komatsu 300 Excavator	-	Yes	5	3	-
Fiat-Allis MotorGrader	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Monitored Vibrations caused by Pile Driving operations today on the East Bank at the request of the Orleans Levee Board. Results of the tests furnished to the Levee Board.

MATERIALS RECEIVED

Received one galvanized ladder from MANUFAB, INC. today. This 12' - 4" ladder was rejected yesterday due to a broken weld. The weld was re-paired and coated with galvanizing compound. The ladder was accepted for use on this job today and stored in the Staging Area at Robert E. Lee Blvd..

Received 8 cubic yards of 2500 PSI (Mix #42) Concrete from LAFARGE today. Batch weights were written on the ticket for computing the water cement ration.

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

Inspected CZ-101 Sheet Piles driven today. Cut off elevation was within tolerance (plus or minus) one tenth of a foot. Alignment was kept within tolerance as well, using a 40'x12" H-Beam template. Offset stakes set at 2.5' from C/L I-Wall were used to line up the templates.

Cadwelds by ERICO PRODUCTS were used to weld the Bond Cables to new Sheet Piling for Cathodic Protection today. Epoxy caps were placed over exposed copper and 2" of the wire insulation.

JOB SAFETY
(Note inspection, violations/actions taken)

Held the weekly Safety Meeting at 7:00 AM today in the Field Office of B & K. The topic of discussion was Environmental Protection of Land, Water, and Air Resources.

Flagmen directed traffic while equipment and Forms were moved to the Levee. Reflective Orange Safety Vests and Flags were used by Flagmen on Robert E. Lee Blvd.

REMARKS
(Instructions received, miscellaneous remarks)

Preparatory Inspection scheduled for tomorrow at 10:30 AM on the Reinforced Concrete Floodwall phase of work. Inspector Bryant & Chris Wagner notified today.

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


Authorized Q C Representative

01/27/95

Date

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 01/26/95

TIME: 7:30 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: ENVIRONMENTAL PROTECTION

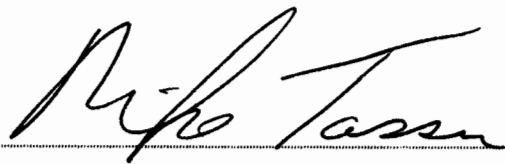
The topic discussed at today's Safety Meeting was protection of environmental resources on the jobsite. Land resources shall be protected by cleaning up all trash and debris resulting from our construction operations. Waste oils will not be allowed to contaminate the soil, but will rather be disposed of in the 55 gallon drum marked "Waste Oils Only" in the Office Compound at Pratt Drive and Robert E. Lee Blvd..

Air resources will be protected by maintaining all equipment to prevent excessive exhaust fumes and noise. Dust shall be kept to a minimum by using water on streets and access roads when necessary.

Water resources will not be polluted by B & K CONSTRUCTION or its subcontractors. Oils and fuels will be contained so as to prevent them from entering the canal water. Debris from construction will also have to be cleaned up daily to prevent the wind or high tide from causing trash to enter the water.

COMMENTS:

Also discussed traffic control on a daily basis as equipment and trucks enter and exit the Levee at Robert E. Lee Blvd.. Flagmen must be in position prior to equipment movement at this location. The operators and drivers can not see traffic in both directions when pulling out onto Robert E. Lee Blvd.. Tractor trailers and dump trucks also need both lanes stopped by flagmen to enter the Levee, as wide turns are necessary.



CONTRACTOR'S SUPERINTENDENT

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

Safety Meeting

1-26-95

ATTENDEES

Jerry Justice

Richard Bergeson

Larry L. Lee

Willie Dillon

Joseph Leonard

Raymond Howard LaFrance

Bryan Jackson

Bryan Verdun

Steve Thomas

Mike Lissin

Mike Conquest

Craig Hubbard

Brett Audibert

Cindy Ewan

**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

54

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

DATE Wednesday
25 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM 42°	MAXIMUM 68°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
-----------------	----------------	---

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 2-2 hrs.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 3-10 hrs	LABOR
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FEET 0.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-20 hrs	SKILLED 6-56 hrs	LABORERS 7-67 hrs	TOTAL 15-143	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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FEET 0.50'	TIME 0800	M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

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

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13 & 23 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 7.5%

PERCENT TIME ELAPSED: 27.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on this date:

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

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

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

REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to attach fractured fin molds to the new I-Wall forms in the north storage area this date. Checked and found top elev. of wooden forms set for stabilization slabs between East B/L Sta's 114+75 and 115+65, to be at approx. elev. +2.00' as required. Checked and found area inside of stab. slab forms sufficient enough to allow for the required 4" of concrete.

STEEL SHEET PILES: Observed Gill using 1- Koehring 535 crane with MKT V-5 vibratory hammer to drive steel sheet piles for new floodwall. Contr. drove 12 pcs of CZ-101 X 26'-9" piles between approx. East B/L Sta's 115+00 and 115+21.7, and 36 pcs. of CZ-101 X 24'-9" piles between approx. East B/L Sta's 114+34.9 and 115+00. All piles were driven down to a final top elev. of +4.75' ($\pm 1\frac{1}{2}$ "), and were driven plumb. Used 1-5' level to check pile plumbness.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor received all 8 Galvanized Ladders required for this project this date. Ladders were stored in the North Staging Area. Contractor also received 49 Stainless Steel Settlement Reference Markers and Bolts this date, and 12 pcs. of 18 gauge sheet metal embedding items which are 2'-4" long X 1-5/8" wide, for connecting new floodwalls to the existing floodwalls.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Cosnt. Insp., GS-07	7 hrs.	QAR

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

Noted one (1) broken wooden ladder on site this date. Contractor immediately removed this latter from service and destroyed it. Contractor also built three (3) new wooden ladders this date.

INSPECTOR'S SIGNATURE

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

DATE

26 JAN 95

SUPERVISOR'S INITIALS

[Handwritten initials]

DATE

2/2/95

DATE: 1-25-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel assembling
formwork in north staging area. Subcontractor
continuing to stick & drive steel sheet piling
using steel beam as template for alignment
& using level to check plumbness. No difficulty
observed when driving shafts to final grade.

Instructions to COC/Remarks: None given today.

Chas J. Wagner Proj Engr
Name Title

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

DATE: 01/25/95

REPORT NO.: 79

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 42 MIN 68 MAX

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters worked on I-Wall Form assembly, attaching Fractured Fin material, Haunch Chamfers, and Walk Boards. Laborers cut Concrete Piling pieces into sections for Deadmen Anchors. Wall Forms will be braced off to these Anchors for Concrete pours. Laborers fixed Safety Fence on East Bank where fence was damaged by Sheet Piling. Also set Stabilization Forms on the East Bank from Station 115+65 to Station 114+75. Unloaded miscellaneous Steel from MANUFAB today, and stored it in the Robert E. Lee Staging Area.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from Station 115+21.70 to Station 114+34.90. 26' - 9' long Sheet Piling were driven from Station 115+21.70 to Station 115+00 (12 pieces) and 24' - 9" long Sheet Piling were driven from Station 115+00 to Station 114+34.90 (36 pieces).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	59	B & K	I-Wall Form assembly; repairing Safety Fence; setting Stabilization Slab Forms. (See locations above.)
4	Skilled	40	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
2	Skilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)
1	Unskilled	8		

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	10	0	-
Fiat-Allis MotorGrader	ARR	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed Vibration monitoring during Pile Driving operations at the Orleans Levee Board's request today. Results not furnished to B & K CONSTRUCTION.

MATERIALS RECEIVED

Received 7 of the 8 Galvanized Ladders required for this project today from MANUFAB, INC.. The 8th Ladder was rejected until repairs are made (a weld had broken loose on this particular Ladder during transportation to the job site.) No other defects found in Ladders received today. Also received twelve 18 gauge Sheet Metal embeds for connection to existing Floodwalls. All were 2'- 4" long x 1 5/8" wide. Received the Settlement Reference Bolts and Identification Tags. Material was stainless Steel 1/2"x3" Cap Screws and Stainless Steel Plate (10 gauge) 1 3/4" x 2 1/2".

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

Inspected Stabilization Slab Formwork today. Thickness of Slab measured 4" to 4 1/2". Width of Slab equaled approximately 2'- 4" from C/L (land side) and 2'- 8" (canal side).

Also inspected the Steel Sheet Piling work done today. CZ-101 Sheets driven were new uncoated Steel Sheet Piling 26' - 9" long (up to Station 115+00), and 24' - 9" long South of Station 115+00, per plans. Plumbness was checked, and found to be out of plumb 1/8" per foot both ways. Pile Drivers are working on plumbing up Sheets now. Cut off elevation was 4.75, plus or minus 0.005'. Alignment was correct, within 0.20' plus or minus. All interlocks were fully engaged.

JOB SAFETY
(Note inspection, violations/actions taken)

Discarded broken wooden Ladder and constructed three new ladders today. These will be used only to enter and exit the Structural Excavation over existing cut off Sheet Piling.

REMARKS
(Instructions received, miscellaneous remarks)

We plan to move I-Wall Forms (one set) from the Staging Area to the work site on the East Bank. We hope to pour our first I-Wall Monolith early next week. A Preparatory Inspection is tentatively scheduled with Inspector Zane Bryant for Friday, 01/27/95, on the Re-inforced Concrete Floodwall phase of work.

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


Authorized Q C Representative

01/26/95

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

53

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

DATE Tuesday
24 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 30°	MAXIMUM 58°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET 0.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-19 hrs	SKILLED 6-55 hrs	LABORERS 7-64 hrs	TOTAL 15-138	FROM 0700 M	TO 1700M	FROM M	TO M	FROM M	TO M
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FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; CATHODIC PROTECTION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13 & 23 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 7.1%
PERCENT TIME ELAPSED: 27.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions issued.
CATHODIC PROTECTION: No instructions issued.
STEEL SHEET PILES: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed carpenters installing fractured fin molding onto new I-Wall forms this date in the north staging area. Checked and found the top elev. of wooden forms set for the stabilization slab between East B/L Sta's 115+60 and 116+44 to be at approx. elev. +2.00' as required. Checked and found area inside of forms sufficient enough to allow for the min. of 4" of concrete to be placed.

CATHODIC PROTECTION: Witnessed the Contractor cadwelding 1-62" cathodic protection jumper cable, size 1/0 (as approved), at approx. elev. +1.35' (approx. 8" below I-Wall). Cable was properly bonded, then covered with Handycap Epoxy as required. This was performed at the joint between I-Wall Monoliths #143 & 144 of the east levee.

STEEL SHEET PILES: Observed Gill's Crane Service stabbing and driving 10 pcs. of CZ-101 X 26'-9" steel sheet piles, between approx. East B/L Sta's 115+21.70 and 115+39.80. Observed contractor using a 5' level to maintain plumbness of piles this date. Checked and found all piles driven this date to have a top elev. of +4.75' ($\pm 1\frac{1}{2}$ ").

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

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

QAR, Z. Bryant instructed CQC Rep., M. Tassin to have all safety fence swing gates properly installed as soon as possible. Some of the gates are leaning over, and the lag bolt hinges are improperly installed. Mr. Tassin said he would contact Southeast Erosion Control, who installed the gates, and have them correct to deficiencies, as soon as possible.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Checked and found personnel working in the vicinity of sheet piles and vibratory hammer, to be wearing hard hats, work gloves, safety glasses, and hearing protection.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

25 Jan 95

SUPERVISOR'S INITIALS

YW

DATE

2/1/95

DATE: 1-24-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel placing
concrete for slab slab near approx Sta. 116+00
East BL. Formwork was secure & concrete
level. Flagman used to direct truck on
cast lane when placing concrete. Subcontractor
working on problems with vibratory hammer
so no shunt piling driven while I was on-site.

Instructions to COC/Remarks:

N/A

Chun f. Nguyen Proj. Engr
Name Title

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

DATE: 01/24/95

REPORT NO.: 78

SKIES: Clear

RAIN: 0 IN.

TEMP.: 30 MIN. 58 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Installed one Bond Cable at Monolith Joint #144-#143 for Cathodic Protection. Carpenters worked on installing Fractured Fin material on I-Wall Forms in the Staging Area at Robert E. Lee Blvd. Also poured Concrete Stabilization Slab from Station 116+44 to Station 115+65 on the East Bank at elevation 2.00.

GILL'S CRANE SERVICE - Drove new CZ-101 Steel Sheet Piling on the East Bank (26' - 9" long) from Station 115+39.80 to Station 115+21.70 (10 pieces). Mechanical problems with the Vibratory Hammer stopped Pile driving work early today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	56	B & K	Building I-Wall Forms; Forming & pouring Stabilization Slab; Installing Bond Cables for Cathodic Protection.
4	Skilled	39	"	
1	Supt.	9.5	"	
1	QC Rep.	9.5	"	
2	Skilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)
1	Unskilled	8		

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	Yes	4	4	Yes
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	3	5	-
Unit Crane - waiting to be removed		No	0	8	No

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Was notified yesterday of our intent to drive Sheet Piling today, however, no technician showed up.

MATERIALS RECEIVED

Received 6 cubic yards of Concrete (2500 P.S.I. - Mix #42) from LAFARGE CONCRETE for Stabilization Slab pour today.

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

Stabilization Slab poured today was checked for proper elevation, and found to be at elevation 1.96. Width of Slab was approximately 2' - 4" from C/L toward the Land Side and 2' - 8" from C/L toward the Canal Side.

Bonding Cable installed today was checked, and found to be located 8" below the bottom of I-Wall elevation. The surfaces were ground clean with a wire wheel grinder, and 1/0 gauge Insulated Bond Cable was welded securely to the CZ-101 Sheets by means of ERICO PRODUCTS Cadwelds. Epoxy coating covered all exposed copper wire.

JOB SAFETY
(Note inspection, violations/actions taken)

Inspected Pile Driving Crew for Personal Protective Gear. All workers were wearing approved Hard Hats and Steel Toed Boots. Ear Plugs were worn while Vibratory Hammer was in operation. Rigging was inspected as well. No excessive wear noted on Slings, Shackles, or Hooks.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant instructed us to have the Swing Gates leveled properly and have the lag bolt hinges turned in opposite directions so that they could not be easily removed from the hinges. S.E. EROSION CONTROL will be contacted to correct these problems tomorrow.

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


Authorized Q C Representative

01/25/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

52

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

DATE Sat., Sun. & Mon.
21, 22 & 23 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER Cloudy with Rain to
Partly Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
39°	58°

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

24 HOUR PRECIPITATION

INCHES Sun.	ENDING
1.20"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
1.90'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-20 hrs	8-58 hrs	6-58 hrs	16-136	0700 M	1730M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- c. _____

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

See the attached CQC Report for details of work performed on Mon., 23 Jan 95.

NOTE: No work scheduled or performed on 21 & 22 Jan 95.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 13 & 23 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

Minor work was performed on Mon., 23 Jan 95, by B&K and Arcadia Rebar, due to the wet ground conditions from previous day's rain. No major phases of work was performed due to the wet ground conditions.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 6.6%

PERCENT TIME ELAPSED: 27.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases attended on 21 & 22 Jan 95, due to no work being performed.

Attended the following CQC Inspection Phases on Mon., 23 Jan 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

CATHODIC PROTECTION: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Mon., 23 Jan 95:

REINFORCED CONCRETE FLOODWALL: Observed carpenters installing fractured fin molds onto the new I-Wall forms this date, in the north staging area.

RESTEEL INSTALLATION: Observed four (4) resteel setters setting and tying resteel for the bottom sections of I-Wall Monoliths #149, #151, #153, and #155 for the east levee floodwall. All resteel was properly installed in accordance with approved shop drawings from Lulich Steel. Made a visual count of all steel placed this date, and found OK.

CATHODIC PROTECTION: Observed welder welding #6 resteel to the tops of all steel sheet piles within the limits of East Levee Monoliths #149, #151, #153, and #155.

ENVIRONMENTAL PROTECTION: Made a visual inspection of the silt fencing along the L/S toe of the existing east levee, between approx. B/L Sta's 103+00 and 119+00. Found no silt material passing through fabric. Fabric is in very good condition.

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

NOTE: No QA Inspections were performed on Sat. & Sun., 21 & 22 Jan 95.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

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

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

Checked and found the back-up alarms properly working on the Kobelco 500 Loader and the Case 580 Loader/Backhoe, on Mon., 23 Jan 95.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE

[Signature]
LANE D. BRYANT JR.

DATE

24 Jan 95

SUPERVISOR'S INITIALS

[Initials]

DATE

2/1/95

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

DATE: 01/23/95

REPORT NO.: 77

SKIES: Cloudy

RAIN: 0 IN.

TEMP.: 39 MIN. 58 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (1.9)

NOISE: Moderate

WORK PERFORMED/LOCATION

01/21/95 Saturday - No work performed.

01/22/95 Sunday - No work performed - 1.2" Rainfall.

01/23/95 Monday - B & K CONSTRUCTION - Too wet for Sheet Piling work, or to haul sheets to the work area. Carpenters began attaching Fractured Fin material to I-Wall Forms in the Staging Area. Welder burned holes in new Sheet Piling at Monoliths #155, #153, #151, and #149. Laborers removed scrap sheets (MP-112's) from the Levee, and built a dike around the new Fuel Tank.

ARCADIA REBAR - Tied Re-inforcing steel (partial only) at I-Wall Monoliths #155, #153, #151, #149 on the East Bank. The remainder of the Wall Steel will be tied in place after one Wall Form is set.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	58	B & K	Building I-Wall Forms; Removing MP-112 scrap Sheets from the Levee; Building dike around the Fuel Tank. (See locations above.)
4	Skilled	38	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
4	Skilled	24	Arcadia Rebar	Tying re-steel for I-Wall Monoliths. See locations above.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	Yes	2	6	-
Komatsu 300 Excavator	-	Yes	3	5	-
Unit Crane - waiting to be removed		No	0	8	No

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

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

Inspected Cathodic Protection work done today. #6 Rebar was welded to each piece of new Steel Sheet Piling, and stopped 3" short of the Monolith joints on each side. This work was completed on Monoliths #155, #153, #151, and #149 only.

Inspected the Re-Steel work done today as well. Holes cut in Sheet Piling were 2" maximum diameter. Spaced at 9" maximum centers. Bar sizes and lengths were found to be correct according to the approved Shop Drawings from LULICH STEEL.

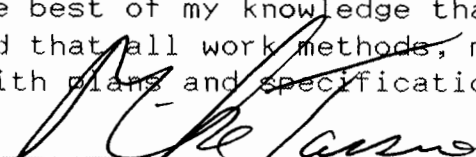
JOB SAFETY
(Note inspection, violations/actions taken)

Checked Back-Up Alarms on the Case 580 Backhoe and the Kobelco 500 Loader. Both working properly and clearly audible.

REMARKS
(Instructions received, miscellaneous remarks)

Last night's rainfall made productive work nearly impossible today. B & K CONSTRUCTION worked mostly on non-pay items today due to poor site conditions.

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



Authorized Q C Representative

01/24/95

Date

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
51

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

DATE Thursday & Friday
19 & 20 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50/50%	BORROW EXCAVATION 50/50%	EMBANKMENT 50/50%	CONCRETE 50/50%	STRUCTURE 50/50%
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TEMPERATURE	
MINIMUM 38°	MAXIMUM 62°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1-3 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-11 hrs	LABOR
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FEET 2.00' to 1.10'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-36 hrs	SKILLED 5-82 hrs	LABORERS 8-123 hrs	TOTAL 15-241
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NUMBER OF SHIFTS 1 2 3

FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STRUCTURAL EXCAVATION; REINFORCED FLOODWALL; CATHODIC PROTECTION
- b. Gill's Crane Service, Inc. - CUT-OFF EXISTING SHEET PILES; TEMPORARY FLOOD PROTECTION
- c. _____

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

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

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03 & 13 Jan 95.
50% of days lost due to adverse weather/wet ground conditions on 06, 19 & 20 Jan 95.

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

Progressive work was scheduled and performed by B&K and Gill this period. However, work was slowed due to wet ground conditions from previous rainfall. See attached CQC Reports for details of work performed this period.

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 6.6%
PERCENT TIME ELAPSED: 26.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases on Fri., 20 Jan 95:
- STRUCTURAL EXCAVATION: No instructions issued.
- CATHODIC PROTECTION: See "Verbal Instructions" on back of this report.
- TEMPORARY FLOOD PROTECTION: No instructions issued.
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- CUTTING OFF EXISTING SHEET PILES: No instructions issued.

NOTE: PE, C. Wagner performed QA Inspections on Thu., 19 Jan 95. See attached QA Supplemental Report for details.

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

The following Follow-Up QA Inspections were performed on Fri., 20 Jan 95:

STRUCTURAL EXCAVATION: Checked and found bottom elev. of excavations of the at approx. elev. +1.60', between approx. East B/L Sta's 113+50 and 114+85, and approx. 3' on either side of the new sheet piles.

CATHODIC PROTECTION: Checked and found cathodic protection jumpers properly installed and coated with epoxy as required for Monolith joints between Mono's #144, #145 and #146.

REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to build new I-Wall Forms in the North Staging Area, this date.

CUTTING OFF EXISTING SHEET PILES: Observed subcontr. continuing to cut off existing RZ-10 steel sheet piles, between East B/L Sta's 113+38 and 113+75. Checked and found all existing pile cut off at approx. elev. +6.75', between East B/L Sta's 113+38 and 114+42. Existing sheet piles which are cut off at elev. +6.75' are being used as Temporary Flood Protection.

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

NOTE: See attached Project Engineer's QA Supplement Report for details of QA Inspections performed on Thu., 19 Jan 95, by PE, Chris Wagner.

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

On Fri., 20 Jan 95, QAR, Z. Bryant instructed CQC Rep., J. Justice not to backfill over any of the cathodic protection jumpers, until they have been inspected by either the QAR or PE. Mr. Justice agreed to concur.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Temporary Flood Protection is being provided by the Existing Steel Sheet Piles (RZ-10), between approx. East B/L Sta's 113+38 and 119+05 (567 l.f.), which have been cut off at approx. elevation +6.75', as required.

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

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

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	3 hrs.	PE
Z. BRYANT	Cosnt. Insp., GS-07	7 hrs. (Fri)	QAR

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

Checked and found all equipment being used on Fri., 20 Jan 95, to have fully charged fire extinguishers.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE

Zane D. Bryant
ZANE D. BRYANT JR.

DATE

23 Jan 95

SUPERVISOR'S INITIALS

gw

DATE

1/24/95

DATE: 1-19-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed personnel setting forms on east side form for slab slab. Existing form had been excavated & graded smooth in preparation for placing concrete. Also observed personnel continuing to pull up & cut existing sheet piles. Laborer continued to install jumper cables & burn holes to re-stair

Instructions to COC/Remarks:

None today.

Chunf Wagner
Name

Proj Engr
Title

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

DATE: 01/20/95

REPORT NO.: 76

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 42 MIN. 62 MAX

DUST: None LEVEE CONDITION: Damp CANAL GAUGE: (1.1) NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Still too wet on the Levee for trucks to haul Sheet Piling to the work area. Carpenters continued working on the I-Wall assembly in the Staging Area. Operator performed Structural Excavation on the East Bank from Station 113+85 to Station 113+50. Also removed MP-112 Sheet Piles in Excavated area between Station 114+85 and 113+50. Laborers cleaned the streets and bridge, and graded Structural Excavation between Station 116+40 and Station 115+90.

GILL'S CRANE SERVICE - Cut off existing RZ-10 Sheet Piles on the East Bank from Station 113+75 to Station 113+38 at elevation 6.75 for Temporary Flood Protection. No other work performed today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	48	B & K	Unloading & handling Re - Steel; Excavating for I-Wall placement; removing MP-112 existing Sheet Pile
4	Skilled	32	"	
1	Supt.	8	"	
1	QC Rep.	8.5	"	
1	Skilled	5	GILL'S CRANE	Cutting off existing Sheet Piles for Temporary Flood Protection. (See Stations above.)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	4	4	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	Yes
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	Yes
Komatsu 300 Excavator	-	Yes	4	4	Yes
Unit Crane - waiting to be removed		No	0	8	No

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

Received the first truck load of re-inforcing Steel from LULICH STEEL COMPANY today. This load consisted of Re-bar for 18 regular length Monoliths, and was unloaded on the East Bank of the Levee. A check was made to insure proper lengths and bar sizes of the re-inforcing Steel. No discreprancies in material requirements were noted.

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

Inspected the Structural Excavation work done today. All the existing MP-112 Sheet Piling were removed from the Excavation, as well as the broken concrete debris. The Laser Level was used to control elevation of the trench, and alignment was controlled by centerline of I-Wall stakes. Pumps were used to keep the area dry.

JOB SAFETY
(Note inspection, violations/actions taken)

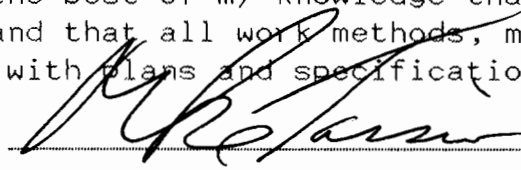
Mechanic repaired the Reverse Alarms on the Case 580 Backhoe and Kobelco Loader today. HEAD & ENGQUIST MECHANIC inspected and made minor repairs on the Komatsu 300 Excavator today.

REMARKS
(Instructions received, miscellaneous remarks)

Field Notes for B/L references and Wall Line layout were handed in to Inspector Zane Bryant today.

Inspector Bryant stated that we must not backfill over Cathodic Protection Jumper Cables until after he has inspected each one. I instructed field personnel to leave the Bonding Cables uncovered until the Inspector okays them.

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



Authorized QC Representative

01/23/95

Date

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

DATE: 01/19/95

REPORT NO.: 75

SKIES: Cloudy

RAIN: 0 IN.

TEMP.: 38 MIN. 62 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (2.0)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet to haul Sheet Piling from the Staging Area to the East Bank of the Levee today. Carpenters worked on the I-Wall Form assembly in the Staging Area. Operator used the Kubota Excavator to excavate for the I-Wall placement from Station 114+85 to Station 113+85 on the East Bank. Carpenters & Laborers set Forms for Stabilization Slab on the East Bank from Station 116+44 to Station 115+70 Cadwelded Jumper Wires for the Cathodic Protection at Monolith Joints #146-144.

GILL'S CRANE SERVICE - Pulled up existing RZ-10 Sheet Piling approximately 3.5' from Station 114+42 to Station 113+37, and then used Oxy-Fuel torch to cut Sheet Piling off at elevation 6.75 for Temporary Flood Protection on the East Bank from Station 114+42 to Station 113+75.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	57	B & K	Working on I-Wall Form assembly; Performing Structural Excavation; Forming Stabilization Slab; installing Cathodic Protection Jumper Wires. (See locations above.)
4	Skilled	36	"	
1	Supt.	10	"	
1	QC Rep.	9.5	"	
1	Skilled	9	GILL'S CRANE	Pulling up existing RZ-10 Sheets and cutting off for Temporary Flood Protection. (See locations above.)
2	Unskilled	18	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	Yes	4	4	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	Yes	0	8	-
Komatsu 300 Excavator	-	No	2	6	-

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

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

Inspected the Cathodic Protection Jumper Wires installed today. Bonding Wire was exothermicly welded to the new CZ-101 Sheet Piling on each side of the Monolith Joints, with a 12" loop in the wire. Epoxy Caps were used to coat exposed copper and 2" coverage over wire insulation.

Inspected GILL'S CRANE SERVICE as they cut off existing Sheet Piling for Temporary Flood Protection. The required elevation of 6.75 was maintained throughout, with no breaks or gaps in Flood Protection.

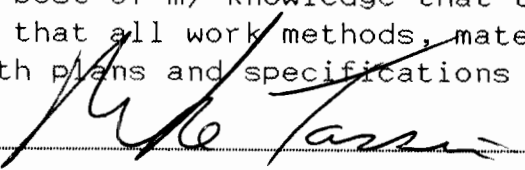
JOB SAFETY
(Note inspection, violations/actions taken)

Inspected Carpenter Crew as they lifted one partially completed I-Wall Form in the Staging area with the Komatsu 300 Excavator. The Rigging used was in good condition, however, the Spreader Beam used did not appear to be capable of lifting the Form without deflecting considerably. The 6" H-Beam will be strengthened or replaced before another attempt is made to lift these Forms.

REMARKS
(Instructions received, miscellaneous remarks)

No instructions received today.

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


Authorized QC Representative

01/20/95

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

50

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

DATE Wednesday
18 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
60°	76°

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

24 HOUR PRECIPITATION	
INCHES	ENDING
0.80"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-1 hr.			1-5½ hrs	2-6½ hrs	

FEET	TIME
1.80'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-18 hrs	5-47 hrs	7-63 hrs	14-128	0700 M	1730 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STRUCTURAL EXCAVATION; CATHODIC PROTECTION; CONCRETE FLOODWALL
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03 & 13 Jan 95.
50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 6.6%

PERCENT TIME ELAPSED: 26.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

STRUCTURAL EXCAVATION: No instructions issued.

CUTTING OFF EXISTING SHEET PILES: No instructions issued.

CATHODIC PROTECTION: No instructions issued.

REINFORCED CONCRETE FLOODWALL: No instructions issued.

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

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

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

STRUCTURAL EXCAVATION: Observed contr. excavating for new I-Wall down to approx. elev. +1.65', between approx. East B/L Sta's 114+85 and 115+25. Excavated material stockpiled on F/S of excavations.

CATHODIC PROTECTION: Checked installation of all cathodic protection jumpers this date, between Mono's #146 thru #155. Found jumpers to be properly cadwelded to sheet piles approx. 7" below bottom elev. of new I-Wall. Also observed contractor installing Roysten Handicap Insulating Resin Epoxy on all exposed wire and 2" up on rubber insulation, as required.

REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to construct new I-Wall Forms in the North Staging Area.

CUTTING OFF EXISTING SHEET PILES: Noted that Subcontr. pulled up existing RZ-10 piles, approx. 3.50', between approx. East B/L Sta's 114+42 and 114+85, then cut then off at approx. elev. +6.75' as required for temporary flood protection, between approx. East B/L Sta's 114+42 and 115+25.

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

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

PE, C. Wagner instructed CQC Rep's M. Tassin and J. Justice to spud down the sheet pile driving template to insure that template does not move during pile driving operations. CQC Rep's both agreed to concur with these instructions in the future.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NOTE: To-Date Contractor has received the following new steel sheet piles on the jobsite:

- 1.) 226 pcs. of CZ-101 X 26.75' (26'-9")
- 2.) 686 pcs. of CZ-101 X 24.75' (24'-9")

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

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


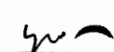
GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Cosnt. Insp., GS-07	4½ hrs.	QAR

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

Checked and found slings being used to unload steel sheet piles this date, to be in very good condition (new). Noted that at no times were loads being passed over personnel. The unloading of piles this date, were performed in a very safe manner.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 20 Jan 95	SUPERVISOR'S INITIALS 	DATE 1/23/95
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DATE: 1-14-58

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed subcontractor

personnel pulling up existing sheet piling
near Sta. 114+50. Personnel also installed
cathodic protection jumper cables to monolith
joints on east side sheet piles. All
personnel seen wearing protective head-gear
& safety shoes.

Instructions to COC/Remarks:

Informal Supt Mike Tesson &

COC rep Jerry Justice that they must anchor
the sheet pile template to insure correct
alignment of piles. Both agreed to this.

Chun Hagen
Name

Proj Engr
Title

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

DATE: 01/18/95

REPORT NO.: 74

SKIES: Cloudy

RAIN: 0.8 IN.

TEMP.: 60 MIN. 76 MAX

DUST: Minimal

LEVEE CONDITION: Dry

CANAL GAUGE: (1.8)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Installed Cathodic Protection Jumper wires at Monolith Joints #155-154, #154-153, #153-152, #152-151, #151-150, #150-149, #149-148, #148-147, and #147-146 on the East Bank. Carpenters worked on I-Wall Forms in the Staging Area at Robert E. Lee and Pratt Dr. Operator hauled scrap pieces of MP-112 Sheet Piling from the East Bank of the Levee to the scrap container in the Staging Area. Performed Structural Excavation on the East Bank from Station 115+25 to Station 114+85.

GILL'S CRANE SERVICE - Pulled up existing RZ-10 Sheet Piling on the East Bank approximately 3.5' from Station 114+85 to Station 114+42. Cut off existing RZ-10 Sheet Piling from Station 115+25 to Station 114+42 on the East Bank.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	45	B & K	Installing Cathodic Protection Jumper Wires; Working on I-Wall Form assembly; Removing MP-112 Scrap Sheets from the Levee; Structural Excavation. (See locations above.)
4	Skilled	38	"	
1	Supt.	10	"	
1	QC Rep.	8	"	
1	Skilled	9	GILL'S CRANE	Pulling up existing RZ-10 Sheets and cutting off for Temporary Flood Protection. (See locations above.)
2	Unskilled	18	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	5	3	-
Koehring 535 Crane	-	Yes	5	3	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	No	0	8	-
Komatsu 300 Excavator	-	Yes	2	6	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed vibration monitoring today on the East Bank near Sheet Pile pulling operations. Results furnished to the Orleans Levee Board.

MATERIALS RECEIVED

32 pieces of new CZ-101 Steel Sheet Piling received today from CASTEEL (24' - 9" long). The Q.C. Certificate was not on the truck. I contacted CASTEEL in Ohio and they faxed me a copy; the original will be mailed to B & K CONSTRUCTION tomorrow.

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

Inspected the Cathodic Protection Jumper Wires installed today. Workers used a wire-wheel grinder to prepare new CZ-101 Sheet Piles for Cadwelds. Materials used were Cathodic Protection Bond Cable by KALAS MFG. COMPANY, 1/0 Gauge Insulated Wire as submitted and approved by the Government; ERICO PRODUCTS CADWELDS #65; and Royston Handy Caps Epoxy Coating. Bonding Cables were securely welded to the Steel Sheet Piling at each Monolith Joint using "ERICO PRODUCTS" Cadwelds. Welded joints were completely coated with "KALAS MFG." Epoxy extending 2" over the Insulation.

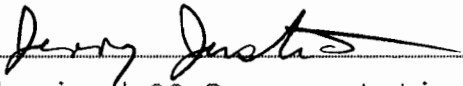
JOB SAFETY
(Note inspection, violations/actions taken)

Performed Safety Inspection on the Komatsu 300 Excavator today. No problems were noted on this machine. HEAD & ENQUIST mechanic worked on this Excavator today correcting a Hydraulic Swing Brake problem.

REMARKS
(Instructions received, miscellaneous remarks)

Chris Wagner instructed us to spud the driving template down in the future when we drive new Steel Sheet Piling. I instructed GILL'S CRANE SERVICE to do this as soon as possible. This is the second time I have given this directive. Although no significant movement of the driving template has been observed so far, this situation could be rectified easily to avoid any future alignment problems.

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


Authorized QC Representative

01/19/95

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

49

TO Area Engineer,
CELMN-CD-NO

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

DATE Saturday thru Tuesday
14 thru 17 January 1995

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

CONTRACT NUMBER

DACW29-94-C-0079

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

WEATHER

Cloudy to Partly Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100/100%	BORROW EXCAVATION 100/100 %	EMBANKMENT 100/100 %	CONCRETE 100/100 %	STRUCTURE 100/100 %
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MINIMUM 38°	MAXIMUM 70°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES Sat. 0.20"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-40 hrs	SKILLED 7-137.5 hrs	LABORERS 7-137 hrs	TOTAL 16-314.5	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STRUCT. EXCAVATION; TEMP. FLOOD PROTECTION; REINFORCED CONCRETE
- b. Gill's Crane Service, Inc. - CUT-OFF EXISTING SHEET PILES; TEMP. FLOOD PROTECTION
- c. _____

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

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

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03 & 13 Jan 95.
50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

Progressive work was scheduled and performed by B&K and Gill on 16 & 17 Jan 95. See attached CQC Reports for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 6.6%

PERCENT TIME ELAPSED: 26.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended on Mon., 16 Jan 95, due to M.L. King Holiday.

Attended the following CQC Inspection Phases on Tue., 17 Jan 95:

- STRUCTURAL EXCAVATION: No instructions issued.
- TEMPORARY FLOOD PROTECTION: No instructions issued.
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- CUTTING OFF OF EXISTING SHEET PILES: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Tue., 17 Jan 95:

STRUCTURAL EXCAVATION: Checked and found bottom elev. of structural excavation, between approx. East B/L Sta's 115+25 and 116+45 to be at approx. elev. +1.65', which is as required. Noted that excavations were performed approx. 3' on each side of the new wall line.

TEMPORARY FLOOD PROTECTION: Checked and found top elev. of existing sheet piles between East B/L Sta's 115+25 and 119+05, to be at approx. elev. +6.75' as required.

CUTTING OFF OF EXISTING SHEET PILES: Observed subcontractor using a V-5 vibratory hammer to pull existing piles up approx. 3.25' to 3.50', between approx. East B/L Sta's 114+85 and 115+25. These piles will be cut off at elev. +6.75' on Wed., 18 Jan 95.

NEW SHEET PILES: Observed subcontr. stabbing and driving new CZ-101 X 26.75' steel sheet piles, between approx. East B/L Sta's 115+39.80 and 116+26.20' (approx. 48 pcs). Piles were driven to a top elev. of 4.75', except at monolith joints the piles were driven to a top elev. of +4.00'. Checked and found top elev. of piles driven on Mon., 16 Jan 95, to be at elev. +4.75' as required.

CONCRETE FLOODWALL: Observed carpenters working of new I-Wall Forms in the North Staging Area.

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

PE, C. Wagner informed CQC Rep., J. Justice on 17 Jan 95, verbally, that they have an approval to use to 1/0 Cathodic Protection Jumper Cables they submitted for approval.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: No QA Inspections were performed on Mon., 16 Jan 95, due to the observance of the Martin Luther King holiday.

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

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

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

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

Checked and found all personnel working in the vicinity of pile driving operations, to be wearing hearing protection, hard hats, steel-toed boots, safety glasses, and work gloves.

No safety infractions were noted this date.

Contr. held Weekly Safety Meeting on site at 0730 hrs. on Tue., 17 Jan 95. See attached minutes for topics discussed.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant Jr.</i> ZANE D. BRYANT JR.	DATE 20 Jan 95	SUPERVISOR'S INITIALS <i>[Signature]</i>	DATE 1/23/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/17/95

REPORT NO.: 73

SKIES: Pt. Cloudy

RAIN: 0 IN.

TEMP.: 52 MIN. 70 MAX

DUST: None

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters worked on I-Wall Forms in the Staging Area. Laborers graded Structural Excavation and helped Carpenter Form and pour Stabilization Slab from Station 117+58 to Station 116+44 on the East Bank. Mobilized the Komatsu 300 Excavator and hauled the J.S.W. Excavator off the job. Also worked on Curing Water supply connections on the East Bank.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling (26' - 9" long) East Bank from Station 116+26.20 to Station 115+39.80 (48 pieces). Pulled existing Sheets up approximately 3.25' from Station 115+25 to Station 114+85. These will be cut off at elevation 6.75 tomorrow for Temporary Flood Protection.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	57	B & K	I-Wall Form assembly; Form & pour Stabilization Slab. (See locations above.)
5	Skilled	47.5	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
2	Skilled	20	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)
1	Unskilled	10	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	DEP	Yes	3	5	-
Unit Crane	-	No	0	8	-
Komatsu 300 Excavator	ARR	No	0	3	No

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Performed Vibration monitoring today for the Orleans Levee Board. The technician performing the tests stated that at no time did our Pile Driving operations exceed safe levels of vibration.

MATERIALS RECEIVED

Received 144 pieces of new CZ-101 Steel Sheet Piling 24' - 9" long from CASTEEL. These were stored in the Staging Area at Pratt Drive and Robert E. Lee Blvd.. The Quality Control Certificates from CASTEEL accompanied all truck loads but one - SP #3989. I will contact CASTEEL and have them send the Q.C. Certificates.

Received 8 cubic yards of Concrete (Mix Design #42) from Lafarge Concrete for Stabilization Slab today.

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

Sheet Pile Driving was kept in proper alignment by using a 40' x 10" H-Beam template, set to offset stakes (by surveyor). Cut off elevation set on each Pile using the new Laser Level. All interlocks fully engaged. Plumbness was checked both ways, and found to be within 1/8" per foot on all Piles driven today. Pile Drivers having some difficulty with underground obstructions; the hard driving caused them to miss their interlock station (Monolith Joint Station) by approximately 2" on Joints #145 - #144 and #144 - #143.

JOB SAFETY
(Note inspection, violations/actions taken)

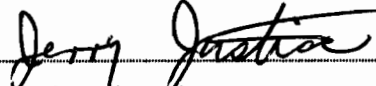
Inspected MKT V-5 Vibratory Hammer. Found one hydraulic hose leaking slightly. A new hose was ordered today, and should be installed tomorrow.

Held the weekly Safety Meeting this morning in the job trailer. The minutes of the meeting were furnished to Inspector Zane Bryant.

REMARKS
(Instructions received, miscellaneous remarks)

Verbal approval was received today from Mr. Chris Wagner on the Cathodic Protection methods and materials submitted by B & K CONSTRUCTION.

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


Authorized QC Representative

01/18/95

Date

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

DATE: 01/16/95

REPORT NO.: 72

SKIES: Clear

RAIN: 0 IN.

TEMP.: 38 MIN. 62 MAX

DUST: None

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

WORK PERFORMED/LOCATION

01/14/95 Saturday - No work performed. - 0.10" Rainfall

01/15/95 Sunday - No work performed. - 0.10" Rainfall

01/16/95 Monday - Carpenters worked on I-Wall Forms in the Staging Area at Robert E. Lee & Pratt Drive. Operator used Komatsu 200 to excavate for I-Wall construction from East B/L Station 116+45 to Station 115+25. Laborers worked on Curing Water connections from Robert E. Lee Blvd. to the new Floodwall location.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from Station 117+27.20 to Station 116+26.20. Moved Crane mats ahead to prepare for driving sheets tomorrow.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	60	B & K	Excavating for I-Wall construction, working on I-Wall Form assembly and Curing Water supply connections.
5	Skilled	50	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
2	Skilled	20	GILL'S CRANE	Driving new CZ-101 Sheet Piles. (See locations above.)
1	Unskilled	10	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	2	6	-
Koehring 535 Crane	-	Yes	10	0	-
MKT Vibro Hammer	-	Yes	8	2	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	-	Yes	4	4	-
Unit Crane	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - was contacted today to monitor vibrations caused by Sheet Pile Driving operations tomorrow.

MATERIALS RECEIVED

288 pieces of new CZ-101 Steel Sheet Piling 24' - 9" long delivered to the jobsite from CASTEEL today. All of these were stored in the Staging Area at Pratt Drive and Robert E. Lee Blvd. CASTEEL Quality Control Certificates accompanied all truck loads except one. I contacted CASTEEL in Ohio, and they mailed the missing Certificates on 01/13/95.

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

Inspected the new CZ-101 Sheet Piling installed today. All interlocks were fully engaged. Piles were checked for plumbness. None exceeded the allowable tolerances. Alignment was controlled by offset stakes set with a transit. Cut-off elevation was shot on each Piling pair; all Piling were cut off at elevation +4.75 plus or minus one inch.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked the Rigging used to lift Sheet Piling. No excessive wear noted.

Checked workers for Steel Toed Boots. All personnel on the jobsite were wearing Steel Toed Boots and Hard Hats.

REMARKS
(Instructions received, miscellaneous remarks)

No instructions received today.

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


Authorized QC Representative

01/17/95

Date

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 01/17/95

TIME: 7:30 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING: SEE ATTACHED

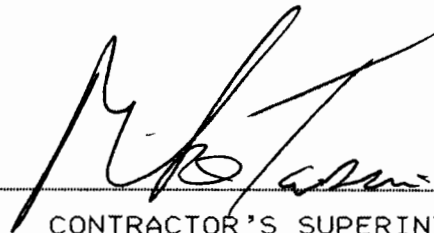
TOPICS DISCUSSED: HOISTING LOADS; OVERHEAD SUSPENDED LOAD HAZARDS

Employees were instructed to check rigging twice before letting the operator hoist a load. Sorting Hooks used to lift Sheet Piling should be checked for full engagement into interlocks, with Hook and Sling lined up towards the lifting point. All Hooks and Slings should be checked each day and taken out of service if any defects or excessive wear is found.

Personnel should never try to walk or stand between the counterweight of a Crane or Backhoe and the existing Sheet Piles. The equipment operator can not see the rear of the machine while watching the work in front of him. No one is allowed to ride on a suspended load of any kind ever.

COMMENTS:

New Four Way Spreaders and Sorting Hooks were ordered and will be here today for Sheet Pile handling. Ladders will be ordered today for access to the work area.



CONTRACTOR'S SUPERINTENDENT

Safety Meeting
ATTENDEES

1-17-95

Jimmy Justice

Mike Tassin

Mike Concamp

Craig Thibodeaux

Butt Andrews

Willie Dillon

Alfred Brown

Bryan Verdun

Cindy Evans

Gregory Jackson

Harry F. Lee

Steve James

Jeff Leonard

Anthony Rock Sr.

**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

48

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

DATE Friday
13 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
56°	68°

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

24 HOUR PRECIPITATION

INCHES	ENDING
0.80"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
			1-8 hrs	1-8 hrs		1.40'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-12 hrs	0-0 hrs	0-0 hrs	2-12 hrs	0730 M	1400 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - No work this date.
- b. Gill's Crane Service, Inc. - No work this date.
- c. _____

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

No work performed this date, due to adverse weather conditions. See attached CQC Report.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03 & 13 Jan 95.
50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

No progressive work was performed this date, by any of the contractors due to adverse weather conditions.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 6.0%
PERCENT TIME ELAPSED: 25.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended this date, due to no work being performed by any of the contractors, due to rain.

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

The following QA Inspections were performed this date:

ENVIRONMENTAL PROTECTION: Made a visual inspection of the silt fences along the protected sides of the east and west levees, between Mirabeau Ave. and Robert E. Lee Blvd. It was noted that no silt was passing through the silt fence fabric and that fabric was securely fastened to the safety fence.

SAFETY FENCES: Checked and found that Contractor (B&K) had installed chains and padlocks on all safety fence swing gates throughout the jobsite area. All gates were secured before leaving jobsite this date.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: QAR, Z. Bryant discussed with CQC Rep's M. Tassin and J. Justice the possibility of installing a new Canal Staff Gauge in the vicinity of Robert E. Lee Blvd., in order for us to be able to keep an accurate reading on the canal water elevations. The installation of this staff gauge will be a joint effort between B&K and the COE.

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



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

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

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

Checked and found all safety fence swing gates securely fastened at end of work day, this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 17 JAN 95	SUPERVISOR'S INITIALS 	DATE 1/20/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 01/13/95

REPORT NO.: 71

SKIES: Cloudy - Rain

RAIN: 0.80IN.

TEMP.: 56 MIN. 68 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE:(1.4) NOISE: None

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to rain & wet soil on the Levee. No work scheduled for tomorrow - soil conditions won't be any better than today.

GILL'S CRANE SERVICE - No work performed due to rain & wet soil. No work scheduled until Monday.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
0	Unskilled	0	B & K	No work - RAIN OUT
0	Skilled	0	"	
1	Supt.	6	"	
1	QC Rep.	6	"	
0	Skilled	0	GILL'S CRANE	No work - RAIN OUT
0	Unskilled	0	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	-	No	0	8	-
Unit Crane	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

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

Checked Silt Fence at East Bank - Station 119+00 to Station 115+00.
No gaps or breaks were found.

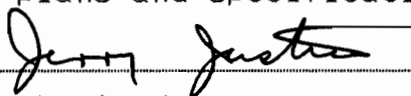
JOB SAFETY
(Note inspection, violations/actions taken)

Installed locks & chains on all Swing Gates today. Inspector Zane Bryant was furnished with a key to fit all locks. The Orleans Levee Board will be furnished with a key on Monday.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant asked me to have a new Canal Gauge installed at Robert E. Lee Blvd. The old Gauge is not legible below elevation 2.0 feet. We will install one next week.

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


Authorized QC Representative

01/16/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

47

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
12 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy to Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 60°	MAXIMUM 75°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-9 hrs	LABOR
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FEET 1.30'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-20 hrs	SKILLED 6-56 hrs	LABORERS 6-58 hrs	TOTAL 14-134 hrs	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STRUCT. EXCAVATION; SHEET PILES; I-WALL FORMS
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

- 100% of day lost due to adverse weather/wet ground conditions on 03 Jan 95.
- 50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 6.0%
PERCENT TIME ELAPSED: 25.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- NEW FLOODWALL SHEET PILES: No instructions issued. (Initial & Follow-Up)
- PEDESTRIAN BRIDGE DEMOLITION: No instructions issued. (Initial)
- STRUCTURAL EXCAVATION: No instructions issued. (Initial & Follow-Up)
- CUTTING OFF EXISTING SHEET PILES: No instructions issued. (Follow-Up)
- REINFORCED CONCRETE FLOODWALLS: No instructions issued. (Follow-Up)

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

The following Initial QA Inspections were performed this date:

- STRUCTURAL EXCAVATION: See attached minutes.
- PEDESTRIAN BRIDGE DEMOLITION: See attached minutes.
- NEW STEEL SHEET PILES: See attached minutes.

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

- STRUCTURAL EXCAVATION: Observed B&K using the Kubota Hoe to excavate for new floodwall to a bottom elev. of approx. +1.65', between approx. East B/L Sta's 116+45 and 117+15.
- REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to construct I-Wall forms in the North Staging Area this date.
- CUTTING OFF EXISTING SHEET PILES: Observed Subcontr. cutting existing RZ-10 sheet piles at approx. elev. +6.75', using an oxy-fuel cutting torch. Piles were first pulled up approx. 3.25' to 3.50' and then cut off.
- TEMPORARY FLOOD PROTECTION: Contr. using existing sheet piles which were cut off at elev. +6.75' for temporary flood protection, between approx. East B/L Sta's 115+25 and 119+00.
- QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

NOTE: QAR, Z. Bryant informed CQC Rep's J. Justice and M. Tassin that the Unit Crane (Model #1020) has been rejected for use on this project by Mr. L. Plaisance of NOD Safety Office, until all safety requirements have been met in accordance with EM 385-1-1 (see "Verbal Instructions" on QAR #45, dated 10 Jan 95 for safety violations). Mr. Tassin informed QAR that they intend to remove this crane from the jobsite, and use a different crane.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Contractor received 126 pcs of CZ-101 X 24.75' and 50 pcs of CZ-101 X 26.75' on this date. Checked and found all Heat Numbers to match those numbers provided by the Sheet Pile Supplier's Quality Control Certificates (The Casteel Group, Inc.).

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

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

GOVERNMENT PERSONNEL ON SITE


<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

VISITOR: Mr. L. Plaisance, CELMN-SO

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

Mr. L. Plaisance of the Safety Office rejected the use of the Unit Crane, Model #1020, on this project, until all safety requirements have been met. See "Verbal Instructions" above.

Mr. Plaisance also performed and Complete Jobsite Safety Inspection this date. No deficiencies were noted this date.

INSPECTOR'S SIGNATURE  LANE D. BRYANT JR.	DATE 13 JAN 95	SUPERVISOR'S INITIALS gn	DATE 1/14/95
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DATE: 1-12-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel burning
holes in sheet piling for re-steel. Continuing
to assemble forms in staging area in
addition to cutting off existing sheet
piling for temp flood protection.

Instructions to COC/Remarks: Supt. Mike Tassin informed
me that due to safety instructions on
the Unit Crane that they would remove
it from site.

Chunf Wagner Proj Engr
Name Title

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

DATE: 01/12/95

REPORT NO.: 70

SKIES: Pt. Cloudy

RAIN: 0 IN.

TEMP.: 60 MIN. 75 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE:(1.3)

NOISE: Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Worked on I-Wall Form assembly; cutting material for haunch chamfer. Excavated for I-Wall construction from Station 117+15 to Station 116+45 on the East Bank. Unloaded 4 truck loads of new CZ-101 Sheet Piles today. Two truck loads were stored on the Levee, and two were stored in the Pratt Drive Staging Area at Robert E. Lee Blvd.

GILL'S CRANE SERVICE - Cut off existing Sheet Pile at elevation 6.75 on the East Bank from Station 115+65 to Station 115+25. Hauled cut off sheets away from the jobsite today. Also burned holes in new CZ-101 Sheet Piles for re-inforcing Steel at Monolith #155.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	50	B & K	Assembling I-Wall Forms; Excavating for I-Wall construction; handling new CZ-101 Sheet Piling. (See locations above)
4	Skilled	40	"	
1	Supt.	10	"	
1	QC Rep.	10	"	
2	Skilled	16	GILL'S CRANE	Cutting off existing RZ-10 Sheet Piling. Burning holes in new CZ-101 Sheet Piling for re-inforcing Steel. (See locations above)
1	Unskilled	8	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	Yes	5	3	-
Case 580 Backhoe	-	Yes	1	7	-
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	Yes	3	5	-
Kobelco LK 500 Loader	-	No	0	8	Yes
J.S.W. Excavator	-	Yes	2	6	-
Unit Crane	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Picked up cylinders to be delivered to the Corps Lab today.

MATERIALS RECEIVED

Received 50 pieces of CZ-101 at 26' - 9" long, and 126 pieces of CZ-101 at 24' - 9" long today from CASTEEL. Inspection of these new Sheet Piles revealed no defects in material or workmanship. Heat numbers corresponded to those heat numbers shown on CASTEEL Quality Control Certificates. This shipment of 26' - 9" long Piles is the last of this length required for the reach of I-Wall to be built first.

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

Initial Inspections were performed today on the following phases of work: PZ-22 Steel Sheet Piling (or substitute), Pedestrian Bridge Demolition, and Structural Excavation.

Also inspected new CZ-101 Steel Sheet Piling delivered today. (See comments at "Materials Received" section.)

SOUTHEAST EROSION CONTROL - Installed Swing Gates at Filmore West Side and Mirabeau East Side, on Wednesday 01/01/95. All gates are now in place except one at Mirabeau - West Side.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked for Fire Extinguishers on all working equipment. Found 5 lb. ABC type Extinguishers on each machine in use, fully charged.

Purchased 2 Ground Release Sheet Shackles for Pile driving crew. These will be used at all times when stabbing and driving Steel Sheet Piling.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant instructed B & K CONSTRUCTION & GILL'S CRANE SERVICE not to use the Unit Crane unless all safety requirements have been met beforehand. This machine will not be used and will be removed from the B & K yard on Pratt Drive.

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


Authorized QC Representative

01/13/95

Date

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

STRUCTURAL EXCAVATION INITIAL INSPECTION
01/12/95

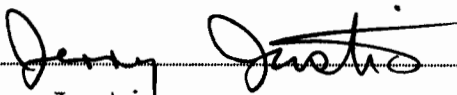
An initial inspection of the Structural Excavation phase of work was conducted today on the portion of work already completed. The area inspected was on the East Bank between Station 119+06 and Station 117+15. Present for the inspection were Inspector Zane Bryant, representing the Government, and Mr. Jerry Justice, representing B & K CONSTRUCTION. The required 24 hour notice was given to Mr. Bryant on 01/11/95.

The excavated area was inspected, and found to be approximately 6' wide (3' from C/L each way), and excavated to an elevation of +1.5. (The I-Wall trench was excavated an extra 2" deep to allow for upheaval during Sheet Pile driving.) Excavated materials were windrowed on the Flood Side of the I-Wall trench. All obstructions on or near the ground surface of the excavation were removed (mainly broken concrete) to allow driving of new Sheet Piling. Pumps were being used to de-water the Excavation, and were found to be sufficient to keep the I-Wall work area dry.

The equipment being used to accomplish the work were the Kubota 151 Excavator and the Komatsu 200 Backhoe. The existing MP-112 Sheet Piling were removed by the Excavators as the work progressed. These corrugated Sheets were breaking off at \pm 5' from the top, along a line of weakness caused by rust. The MP-112 Sheets pulled up were placed in a scrap container for future removal from the site of work.

Safety requirements set forth in the Contractor's Accident Prevention Plan were reviewed, as well as the Job Hazard Analysis for this feature of work. All equipment had been inspected and only qualified operators were allowed to run the machinery. Follow up inspections of Safety Procedures and the quality of workmanship will be conducted by Mr. Justice and Mr. Tassin, the Project Superintendent.

Inspector Bryant stated that he was satisfied with the completed portion of the work as seen today. With all matters adequately discussed, the inspection was completed.



Jerry Justice
QUALITY CONTROL REPRESENTATIVE
B & K CONSTRUCTION

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

PEDESTRIAN BRIDGE DEMOLITION
INITIAL INSPECTION
01/12/95

An inspection was conducted on the completed portion of the "Pedestrian Bridge Demolition" work on this project. Present for this inspection were Inspector Zane Bryant representing the Government, and Mr. Jerry Justice representing B & K CONSTRUCTION. The areas inspected were the Pedestrian Bridges at Robert E. Lee Blvd. and Filmore Avenue.

The chain link, hand rails, and hand rail posts had been removed from both bridges. The concrete steps had been removed from both ends of the Robert E. Lee Pedestrian Bridge, but not from the bridge at Filmore Ave. None of the plank boards or other support members had been removed from either bridge yet. Superintendent Mike Tassin stated that he planned to complete the Pedestrian Bridge Demolition in the future as personnel come available for this work.

The Safety requirements for this phase of the contract were then discussed. Mr. Justice stated that the Safety Fence and Swing Gates were installed and kept locked as of this week. Barricades, warning signs, and fencing were in place to keep citizens off of the partially demolished bridges.

"KEEP OUT" signs were posted at the job entrances as well as along the fences. Employees working in the demolition of these two bridges wore Hard Hats, Steel Toed Boots, and Gloves for their protection.

Inspector Zane Bryant said that he was satisfied with the work completed so far. Mr. Justice stated that he would follow up with daily inspections to insure that the public was kept out of the work area and away from the Pedestrian Bridges. Demolition methods will be reviewed and agreed upon before the contractor begins removing the supports & piling from these two structures.

With all matters adequately discussed, the inspection was concluded.


Jerry Justice

Q.C. REPRESENTATIVE
B & K CONSTRUCTION

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

INITIAL INSPECTION OF
DRIVING NEW STEEL SHEET PILING
01/12/95

An inspection was conducted today on the completed portion of the new Steel Sheet Piling work for this project. Present for this initial inspection were Mr. Jerry Justice representing B & K CONSTRUCTION, and Mr. Zane Bryant representing the U.S. ARMY CORPS OF ENGINEERS. The required 24 hour notice was given to Mr. Bryant on 01/11/95. The portion of work inspected was on the East Bank between Station 119+04 and Station 117+25.

The material incorporated into the work was found to be CZ-101 new Steel Sheet Piling, 26' - 9" in length, supplied by the CASTEEL GROUP, INC.. Each delivery of Sheet Piling was accompanied by Quality Control Certificates, showing heat numbers, and laboratory test results. Corresponding heat numbers were painted on each Sheet Piling. No defects were found in materials or workmanship of Sheet Piling delivered to the job so far. Handling holes were cut in each piece of the CZ-101 Sheets, at 4" from each end of the Piling to the center of the hole.

Some of the new CZ-101 Sheet Piling were stacked along the East Bank of the canal on the Protected Side slope of the Levee, and the remainder of the Piling received to date were stacked in the Staging Area at Pratt Drive and Robert E. Lee. Blvd.

Driving of new CZ-101 Sheet Piling was accomplished using the Koehring 535 Crane and MKT V-5 Vibratory Hammer. A 40' by 10" H-Beam was used as a template to keep the alignment correct. Cut-off elevation was controlled using a surveyor's level and level rod. A Rotating Laser Level will be available for the Pile Driving Crew to use in the near future. The plumbness of each new Piling was checked before driving to final grade. No Sheet Piling exceeded the tolerances allowed in the contract specifications. Mr. Justice stated that he was responsible for providing Centerline stakes and Pile cut-off elevations to the Pile Driving Crew.

Daily inspections of the Piling work have been conducted by Mr. Justice and Superintendent Mike Tassin. Records of these inspections are on the Q.C. Daily Reports. All interlocks of new Sheet Piling are fully engaged for the entire length of the Piling. Cut-off elevation at this section of I-Wall is +4.75, plus or minus one inch.

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

INITIAL INSPECTION OF
DRIVING NEW STEEL SHEET PILING
01/12/95

Tip elevation of new Piling at this section is -22.00, plus or minus one inch. No damage to Piling Heads was observed, due to the use of the Vibratory Hammer. All Piles were driven without the aid of a water jet. All Piling stabbed were driven down to grade on the same day. A layer of roots and stumps at approximately 8' of penetration is slowing progress of Sheet Pile driving somewhat. However, no obstructions have been encountered that could not be penetrated after a few extra minutes of driving effort.

Safety requirements, and the Job Hazard Analysis were then reviewed for this feature of work. Mr. Justice said that B & K CONSTRUCTION had purchased two Ground Release Sheet Shackles for the sub-contractor(GILL'S CRANE SERVICE) to use throughout the contract. Four Way Spreaders with Sorting Hooks were purchased to handle Sheet Piling safely. Slings and Shackles, Hooks, and all Rigging were inspected daily for signs of excessive wear. Back-up sets of Spreaders were on order at the time of this inspection. Only qualified operators were allowed to operate equipment. Hearing protection warning signs were posted on all diesel equipment. Ear Plugs were made available to all personnel. Hard Hats and Steel Toed Boots were mandatory for all employees on the jobsite. Equipment used by Pile Drivers was inspected each morning before starting work by the operator.

Inspector Bryant stated that he was satisfied with the work inspected today. Mr. Justice and Mr. Tassin said that they would be responsible for follow up inspections, as well as correcting any items found to be deficient. With all matters adequately covered, the inspection was concluded.

For Jerry Justice



Q.C. Representative
B & K CONSTRUCTION

**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

46

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

DATE Wednesday
11 January '1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100 %	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100 %
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MINIMUM 58°	MAXIMUM 76°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.30'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 6-48 hrs	LABORERS 7-46 hrs	TOTAL 15-110 hrs	FROM 0730 M	TO 1600 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CONCRETE FLOODWALL; TEMP. FLOOD PROTECTION; SHEET PILES
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING PILES
- c. Southeast Erosion Control - SAFETY FENCE

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 03 Jan 95.
50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 5.9%
PERCENT TIME ELAPSED: 25.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- CUTTING OFF OF EXISTING SHEET PILES: No instructions issued.
 - TEMPORARY FLOOD PROTECTION: No instructions issued.
 - REINFORCED CONCRETE FLOODWALL: No instructions issued.
 - SAFETY FENCE: No instructions issued.

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

The following Initial QA Inspections were performed this date:

- CLEARING & GRUBBING: See attached minutes.
- TEMPORARY FLOOD PROTECTION: See attached minutes.
- CUTTING OFF OF EXISTING SHEET PILES: See attached minutes.

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

- REINFORCED CONCRETE FLOODWALL: Checked and found subgrade for stab. slab to be at approx. elev. +1.65' and the top of wooden forms set for the stab. slab between approx. East B/L Sta's 117+58 and 118+46 to be set at approx. elev. +2.00' as required. Observed carpenters constructing forms in Staging Area this date. Noted that Contr. placed stab. slab between East B/L Sta's 117+58 and 118+46 this date. Delta Testing Rep. sampled and tested concrete used this date.
- CUTTING OFF EXISTING SHEET PILES: Checked and found that the existing RZ-10 piles were being cut off at approx. elev. +6.75' as required for temporary flood protection, between approx. East B/L Sta's 115+65 and 116+30.
- QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Delta Testing, Inc. performed the following CQC Testing on concrete used this date: Slump = 4.50"; Air Entr. = 5.0%; Air Temp = 72°; Conc Temp = 73°; Molded 3 Cylinders (LA-02)

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

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

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

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

Checked and found that Gill's Crane Service has replaced defective gauges and installed anti-flow back valves on all oxygen, acetylene, and propane bottles this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

LANE D. BRYANT JR

DATE

13 JAN 95

SUPERVISOR'S INITIALS

DATE

1/18/95

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

DATE: 01/11/95

REPORT NO.: 69

SKIES: Cloudy

RAIN: 0 IN.

TEMP.: 58 MIN. 76 MAX

DUST: Minima;

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Assembling I-Wall Forms in the Pratt Drive Staging Area; ripping Chamfer material for I-Wall haunches. Graded Structural Excavation between 118+05 and 117+35 on the East Bank. Formed and poured Stabilization Slab on East Bank from Station 118+46 to Station 117+58. Used Dozer to level the Crown of the Levee at the end of the day. 580 Backhoe was used to remove existing MP-112 Sheet Piling in Excavated area.

GILL'S CRANE SERVICE - Cutting off existing RZ-10 Sheet Piles at elevation 6.75 for Temporary Flood Protection from Station 116+30 to Station 115+65, East Baseline.

S.E. EROSION CONTROL - Closing Safety Fence off to new Swing Gates at Robert E. Lee Blvd.- East & West.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Skilled	32	B & K	Assembling I-Wall Forms; Grading Excavation; Forming & pouring Stabilization Slab. (See Locations Above)
4	Unskilled	32	"	
1	Supt.	8	"	
1	QC Rep.	8	"	
2	Skilled	16	GILL'S CRANE	Cutting off existing RZ-10 Sheet Piling.
1	Unskilled	8	"	
2	Unskilled	6	S.E. EROSION	Safety Fence work.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	2	6	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	Yes
Koehring 535 Crane	-	Yes	4	4	-
MKT Vibro Hammer	-	Yes	4	4	-
Kobelco LK 500 Loader	-	No	0	8	Yes
J.S.W. Excavator	-	Yes	2	6	-
Unit Crane	-	No	0	8	-

TESTS PERFORMED

(As required by plans/specifications)

DELTA TESTING - Performed Concrete Slump and Air Entrainment Tests today, and made test cylinders on the 2500 PSI (Mix #42) Concrete used in Stabilization Slab.

MATERIALS RECEIVED

Received 6 *Cubic Yards of* Concrete (Mix #42) from Lafarge Concrete for Stabilization Slab today.

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

Inspected Structural Excavation and Stabilization Slab work done today. Water was pumped out of Excavation and soil was graded out to provide a 4" minimum thickness for Seal Slab Concrete. Width of Slab was 5' (2' from C/L to the Protected Side and 3' from C/L to the Flood Side.)

Initial Inspection was performed today on the following phases of work: Temporary Flood Protection, Clearing & Grubbing, and cutting off existing Sheet Pile. Minutes of these inspections are to follow as soon as possible.

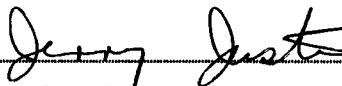
JOB SAFETY
(Note inspection, violations/actions taken)

Inspected the Oxy-Fuel torch burning operations today. Regulators and Gauges were in good working condition, with Check Valve (Back-Flow Preventors) installed in each line. Personal Protective gear was worn by torch operator as follows: Burning Goggles, Hard Hats, Steel Toed Boots, and Leather Gloves.

REMARKS
(Instructions received, miscellaneous remarks)

Instructed GILL'S CRANE SERVICE to comply with all Safety requirements for their equipment and burning operations. Both Cranes on site need deficient items corrected.

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


Authorized QC Representative

01/12/95

Date

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

TEMPORARY FLOOD PROTECTION
INITIAL INSPECTION
01/11/95

The Temporary Flood Protection work already completed on this project was inspected today to assure compliance with all contract requirements. Present for this initial inspection were Mr. Jerry Justice of B & K CONSTRUCTION and Inspector Zane Bryant, representing the U.S. ARMY CORPS OF ENGINEERS. The advance notice of this inspection was given to Inspector Bryant on 01/10/95.

The work inspected today was on the East Bank between Station 119+05 and Station 116+30. The method used by B & K CONSTRUCTION to accomplish Temporary Flood Protection was as follows: The existing RZ-10 Steel Sheet Piling were pulled up with the V-5 Vibro-Hammer approximately 3.25' to 3.50'; next the Sheets were cut with a torch rig at elevation +6.75; finally, when the new I-Wall is completed, the V-5 Vibro-Hammer will be used to drive the existing Steel Sheet Piles down approximately 3.5' so that their final cut-off elevation will be 6" to 9" below finish grade of the new Levee soil.

Mr. Justice stated that he was responsible for controlling the elevation of the Temporary Flood Protection, and also the final elevation of the existing Sheets to be driven down below finish grade when the new I-Wall is completed. He stated that the existing Sheet Piles were marked at elevation 6.75 ahead of the work, and this line was used by the Pile Driving Crew when they pull up the Sheets and cut them off. The cut-off scraps were being hauled off by GILL'S CRANE SERVICE to dispose of as they see fit.

The Job Hazard Analysis was then reviewed for this item of work. Personnel using torches were required to wear Burning Goggles and Gloves. All personnel were required to wear Hard Hats and Safety Boots (Steel Toes). All rigging and the V-5 Vibro-Hammer were inspected at least once daily for signs of wear or loose parts.

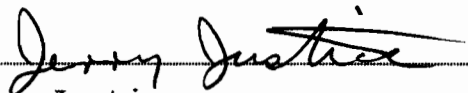
B & K CONSTRUCTION
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL

TEMPORARY FLOOD PROTECTION
INITIAL INSPECTION
01/11/95

Proper regulators and gauges were used on all torches. Only qualified personnel were allowed to use the Oxy-Fuel and Acetylene torch rigs.

Inspector Bryant stated that he was satisfied with the work completed to date. He instructed Mr. Justice to be sure that the existing Sheet Piles were not pulled up more than 3.25' so that no voids would be left after these Piling are driven back down to 6' below finish grade.

With all matters adequately covered, the inspection was adjourned.



Jerry Justice
QUALITY CONTROL REPRESENTATIVE
B & K CONSTRUCTION

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

INITIAL INSPECTION OF
"CUTTING OFF EXISTING SHEET PILING"
01/11/95

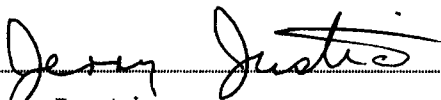
An initial inspection was performed today on the completed portion of the "Cutting Off Existing Sheet Piling" work on this project. Present for this inspection were Inspector Zane Bryant representing the Government, and Mr. Jerry Justice, representing B & K CONSTRUCTION. The required advance notice was given to Inspector Zane Bryant on 01/10/95.

The area inspected was on the East Bank between Station 119+05 and 116+30. The existing RZ-10 Sheets were pulled up approximately 6.75 (for Temporary Flood Protection). These Sheet Piling will be driven back down approximately 3.25' to 3.50' after completion of the new I-Wall. The top elevation of these Sheets in this reach of the Levee will be +3.50 or lower, to give a minimum of 6" clearance between the top of the Sheets and the required finish grade of elevation +4.00. The V-5 Vibro Hammer and Koehring 535 Crane were used to accomplish this work. An Oxy-Fuel torch set up the existing Sheet Piles. The cut off pieces (approximately 8.5' in length) were then hauled off the job site and scrapped by GILL'S CRANE SERVICE.

The Job Hazard Analysis for this feature of the contract was then reviewed. Employees were found to be wearing proper protective gear as follows: Hard Hats, and Steel Toed Boots worn by all; Burning Goggles and Leather Gloves also worn by burners; Ear Protection worn while V-5 Vibro Hammer was in use. Slings, Chokers, Shackles, & Chains were checked daily for excessive wear. The Vibratory Hammer also checked once a day for loose parts or bolts & nuts.

Mr. Justice said that he was responsible for controlling elevations of the Sheet Pile cut off operations. Inspector Bryant asked that the Sheets not be pulled up more than 3.25' to eliminate any voids at the Pile tip elevation. Inspector Bryant stated that he was satisfied with the work performed so far. Follow up inspections will be performed by Mr. Justice daily as the project continues.

With all matters covered, the meeting was adjourned.



Jerry Justice
QUALITY CONTROL REPRESENTATIVE
B & K CONSTRUCTION

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

CLEARING & GRUBBING INITIAL INSPECTION
01/11/95

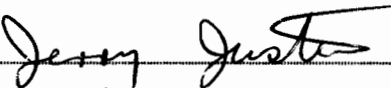
An Inspection was performed today on the completed portion of the Clearing & Grubbing phase of this contract. Present for this initial Inspection were Inspector Zane Bryant, representing the Government, and Mr. Jerry Justice of B & K Construction Company, Inc.. Advance notice of this Inspection was given on 01/10/95 to Mr. Bryant.

The cleared area inspected included East & West Banks of the Canal, from Mirabeau to Robert E. Lee Blvd. The grass had been stripped off of Levee Crown by the Komatsu D37P Dozer in advance of the Temporary Access Road work. All trees within 5' of the new I-Wall were felled on both the Protected and the Land Side. Close growing vegetation on the Flood Side of the existing Sheets was removed as the Excavation work advanced using the Kubota 151 Excavator. Only the trees within the clearing limits were cut down, and the cleared materials were piled up to dry before being hauled off the jobsite.

Grubbing work was performed in advance of Structural Excavation and Sheet Piling work. All Concrete debris, tree stumps, and other projectiles were grubbed out of the ground for 5' on each side of the new I-Wall limits. The grubbing work inspected today was on the East Bank between Station 119+00 and 117+00. All foreign matter larger than $1\frac{1}{4}$ " in diameter was removed to a depth of 3' below the I-Wall sub-grade.]

Methods of accomplishing this part of the work were agreed to be satisfactory, as was the completed portion of the work inspected today. Safety requirements were reviewed for this phase of the contract. Mr. Justice stated that all personnel wore the necessary protective equipment while operating chain saws. Heavy equipment was inspected prior to use and then daily by the operator.

Mr. Justice stated that follow-up inspections would be performed on a daily basis, or as needed, as the work progresses. Mr. Justice also said that he would be the main point of contact for this feature of work. With all matters adequately discussed, the initial inspection was adjourned.



Jerry Justice
QUALITY CONTROL REPRESENTATIVE
B & K CONSTRUCTION

**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

45

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

DATE Tuesday
10 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 58°	MAXIMUM 75°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 2-2 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 3-10 hrs	LABOR
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FEET 1.30'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-18 hrs	SKILLED 5-40 hrs	LABORERS 7-52 hrs	TOTAL 14-110 hrs	FROM 0730M	TO 1700 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. - STRUCT. EXCAVATION; I-WALL FORMS
- b. Gill's Crane Service, Inc. - CUT OFF EXISTING PILES; TEMPORARY FLOOD PROTECTION
- c. Southeast Erosion Control - SAFETY FENCE

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 03 Jan 95.
50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 5.9%
PERCENT TIME ELAPSED: 25.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
STRUCTURAL EXCAVATION: No instructions issued.
CUTTING OF EXISTING SHEET PILES: No instructions issued.
TEMPORARY FLOOD PROTECTION: No instructions issued.
I-WALL FORMS: No instructions issued.

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

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

STRUCTURAL EXCAVATION: Observed B&K personnel using the Kubota Hoe and shovels to level ground in structural excavation between approx. East B/L Sta's 118+05 and 118+46 in preparation for stab. slab .

REINFORCED CONCRETE FLOODWALL: Observed carpenters continuing to construct new I-Wall forms in the Pratt Drive Staging Area. Also observed B&K personnel grading for stabilization slabs between approx. East B/L Sta's 118+05 and 118+46, at approx. elev. +1.65'.

CUTTING OFF OF EXISTING RZ-10 SHEET PILES: Observed Gill's personnel pulling up the existing RZ-10 piles approx. 3.25' to 3.50' and cutting them off at approx. elev. +6.75' for the temporary flood protection, between approx. East B/L Sta's 116+30 and 116+60.

SAFETY FENCE: Noted that SEC personnel has installed 1-16' gate at the Pratt Drive Staging Area (South), installed 2-8' gates at approx. West B/L Sta. 119+75, and 2-8' gates at approx. East B/L Sta. 119+50, as required.

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

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

QAR, Z. Bryant instructed CQC Rep's J. Justice and M. Tassin not to operate the Unit Crane (Model #1020), until all safety violations have been corrected. It was noted during a visual inspection that this crane had the following safety violations: 1) No anti-two block device; 2) No Log Book; 3) No Load Rating Chart; 4) No Boom Angle Indicator; 5) No Seat Belts; and 5) Fire Extinguisher needed recharging.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

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

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

See "Verbal Instructions" above for safety infractions noted this date.

INSPECTOR'S SIGNATURE

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

DATE

12 JAN 95

SUPERVISOR'S INITIALS

[Handwritten initials]

DATE

11/18/95

DATE: 1-10-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel assembling Trench forms in the staging area. Also observed personnel continuing to pull up & cast existing sheet piling @ el. 6.75 to be used for temp. flood protection. Observed personnel unloading sheet piling on the east lane between STA. 119200 to 112+00.

Instructions to COC/Remarks: A safety inspection was made on a Unit Crane by Safety office personnel. Informal Supt. Mike Tassin that all deficient items must be corrected prior to using crane. He agreed with these instructions.

Chunf Wagner Proj Engr
Name Title

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

DATE: 01/10/95

REPORT NO.: 68

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 58 MIN. 75 MAX

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

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Grading Structural Excavation for Stabilization Slab from Station 118+46 to Station 118+05, East Bank. Unloaded 1 truck-load of new CZ-101 Sheet Piles and strung them out on the Levee. Worked on I-Wall Form assembly in Pratt Drive Staging Area.

GILL'S CRANE SERVICE - Cutting off existing RZ-10 Sheet Piles from East B/L Station 116+60 to Station 116+30. Also handling new Steel Sheet Piles from SKYLINE STEEL.

SOUTHEAST EROSION CONTROL - Installing new Swing Gates at Pratt Drive Staging Area (near Prentiss Ave.) at Robert E. Lee Blvd. (Southeast and Southwest Access Roads).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Grading Excavation; Handling new Sheet Piles; Removing MP-112 existing Sheets; Assembling I-Wall Forms (See Locations Above)
4	Skilled	32	"	
1	Supt.	9	"	
1	QC Rep.	9	"	
1	Skilled	8	GILL'S CRANE	Cutting off existing RZ-10 Sheets. Handling new CZ-101 Sheet Piling. (See Locations Above)
1	Unskilled	8	"	
2	Unskilled	12	S.E. EROSION	Installing Swing Gates. (See Locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	3	5	-
Komatsu D37P Dozer	-	Yes	1	7	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	4	4	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	Yes	3	5	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	-	Yes	2	6	-
Unit Crane		No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None today. (Contacted DELTA TESTING to pick up Concrete Cylinders tomorrow.)

MATERIALS RECEIVED

Received 22 pairs of new CZ-101 Sheet Piling, 26' - 9" long. Also received one piece of new CZ-101 Sheet Piling with bolted on fabricated corner for Station 119+03.06 tie-in. One tie-in piece will be made up in the field.

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

Inspected Temporary Flood Protection work performed today. The existing RZ-10 Sheet Piling were pulled up approximately 3.5' with the V-5 Hammer, then cut off at elevation 6.75 with Oxy-Fuel torch. Elevation marks were set on Sheets to control Temporary Flood Protection height. No gaps or breaks were found in Flood Protection.

JOB SAFETY
(Note inspection, violations/actions taken)

Inspected the J.S.W. Excavator and the Kobelco 500 Loader today. Both of these machines need a seat belt, and the Kobelco Loader needs a working Reverse Alarm installed. These machines won't be used until these items are corrected.

The Unit Crane (Model #1020) was inspected also. A list of deficient items was handed to GILL'S CRANE SERVICE for correction prior to use of this Crane.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant instructed us to correct deficient Safety items on the Unit Crane as soon as possible. A list of these items was handed to GILL'S CRANE SERVICE today.

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



Authorized QC Representative

01/11/95

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

44

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

DATE Monday
09 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 55°	MAXIMUM 72°
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24 HOUR PRECIPITATION

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

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-2 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-10 hrs	LABOR
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FEET 1.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-19 hrs	SKILLED 6-48 hrs	LABORERS 6-38 hrs	TOTAL 14-105	FROM 0700 M	TO 1530M	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. - STABILIZATION SLABS; FLOOD PROTECTION; I-WALL FORMS
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES; FLOOD PROTECTION
- c. Southeast Erosion Control - Safety Fence Gates

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 03 Jan 95.
50% of day lost due to adverse weather/wet ground conditions on 06 Jan 95.

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

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

DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 5.9%
PERCENT TIME ELAPSED: 25.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL - See "Verbal Instructions" on back of this report.

TEMPORARY FLOOD PROTECTION: No instructions issued.

CUTTING OFF EXISTING RZ-10SHEET PILES: See "Verbal Instructions" on back of this report.

SAFETY FENCE GATES: No instructions issued.

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

The following QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed carpenters constructing I-Wall forms in the Pratt Drive Staging Area this date. Checked top elev. of wooden forms set for stabilization slabs this date, between approx. East B/L Sta's 118+46 and 119+00, and found it to be at approx. elev. +2.00' as required, and the top elev. of embankment to be at approx. elev. +1.65'.

TEMPORARY FLOOD PROTECTION: Contractor is using the existing sheet piles (RZ-10), which have been cut off at approx. elev. +6.75' as temporary flood protection, in the area between approx. East B/L Sta's 116+60 and 119+00.

CUTTING OFF OF EXISTING STEEL SHEET PILES: Observed Gill's Crane Service personnel pulling the existing RZ-10 piles up approx. 3.25' and then cutting them off at approx. elev. +6.75' as required for the temporary flood protection. Sections of piles that were cut-off were then removed from site this date.

SAFETY FENCE: Noted that SEC had installed 1-16' gate at Filmore Ave. at approx. West B/L Sta. 85+95, and 1- 12' gate at the East Pratt Drive Staging Area.

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

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

QAR, Z. Bryant informed CQC Rep., J. Justice that LaFarge Concrete needs to include on their concrete delivery tickets the following items for a cubic yard of concrete mixed: Weight of Course Aggregate; Weight of Fine Aggregate; Amt. of Air Entrainment Additives; Amt. of Water Reducing Additives; % Moisture in Fine and Course Aggregates; Weight of Cement; Weight of Pozzolan; and Amt of Batch Water. Mr. Justice contacted LaFarge and they agreed to concur.

QAR, Z. Bryant also instructed Mr. Justice to have install properly working gauges on the Propane Tank, along with proper anti-flow back check valves on both the oxygen & propane cutting hoses. Mr. Justice agreed to have Gill concur.

CONTRORSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Delta Testing performed test on concrete used this date for the stabilization slabs, the results were as follows: Slumps = 3.25" and 3.50"; Air Entr.= 5.6% and 4.8%; both Air Temps were 70°; and both Concrete Temps were 70°. Delta Testing Rep. also molded three concrete test cylinders (LA-01-A,B,C) as required.

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



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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Checked and found gauges on the Propane Tank (oxy-fuel cutting operation) to be broken, and no anti-flow back check valves installed on cutting hoses. Instructed CQC Rep., J. Justice to have these deficiencies (violations) corrected ASAP. Mr. Justice agreed to concur. Also informed Mr. Justice that a fire extinguisher needs to be in the vicinity of the sheet pile cutting operation.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 11 JAN 95	SUPERVISOR'S INITIALS 	DATE 1/17/95
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DATE: 1-9-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel form
& place slab slab near sta. 119400.
Bottom for slab was graded & no water
present when placement was made. Also observed
subcontractor cutting off existing sheet piling
to 6.75' for temp. flood protection. Witnessed
air & slump tests for slab. See
attached COC report for results.

Instructions to COC/Remarks:

None today.

Chunf Wagner
Name

Proj Engr
Title

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

DATE:01/09/95

REPORT NO.:67

SKIES:Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 55 MIN. 72 MAX.

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

WORK PERFORMED/LOCATION

1/7/95 Saturday - NO WORK PERFORMED

1/8/95 Sunday - NO WORK PERFORMED

1/9/95 Monday - B & K CONSTRUCTION - Continued assembly of I-Wall Forms in Staging Area. Graded excavation, formed, and poured Stabilization Slab on the East Bank from Station 119+00 to Station 118+46. Survey crew marked Pile cut off grades and Temporary Flood Protection grades ahead of the work.

GILL'S CRANE SERVICE - Cutting off existing Sheet Piling on the East Bank at elevation 6.75 for Temporary Flood Protection from Station 117+11 to Station 116+60.

SOUTHEAST EROSION CONTROL - Installed Swing Gate posts at Filmore and Robert E. Lee. Hung one 16' Swing Gate at Filmore Avenue - West side.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
3	Unskilled	24	B & K	Assembling I-Wall Forms; Forming & pouring Stabilization Slab; Dewatering & grading Structural Excavation.
5	Skilled	40	"	" " " "
1	Supt.	9	"	" " " "
1	QC Rep./ Surveyor	10	"	" " " "
1	Unskilled	8	GILL'S CRANE	Cutting off existing RZ-10 Sheet
1	Skilled	8	"	Piling for Temp. Flood Protection.
2	Unskilled	6	S.E. EROSION	Installing Swing Gates.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	5	3	-
Koehring 535 Crane	-	Yes	5	3	-
MKT Vibro Hammer	-	Yes	3	5	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	-	Yes	2	6	-
Unit Crane	ARR	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Tested Concrete for Stabilization Slab poured today. Results of the tests were furnished to the Government Inspector.

MATERIALS RECEIVED

Received 5 c.y. of Concrete (Mix #42) from LaFARGE CONCRETE today. (See test results from DELTA TESTING. Inspector Zane Bryant was furnished with the results of these tests today. Inspector Bryant requested Batch amounts for Aggregates, % of moisture in Aggregates, Air Entrainment Additives, Water Reducer Additives Cement, Pozzolan, and Batch Water, to be furnished upon each delivery of Ready Mix Concrete. I contacted LaFARGE CONCRETE, and instructed them to send this information for today's Concrete, and all future Concrete.

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

Inspected Stabilization Slab work done today. Excavation was de-watered and graded smooth prior to placing Forms. Concrete was blocked out at Monolith Joint #155 + #154 for installation of Cathodic Protection Jumper. Slab elevation was controlled by Survey crew - Top of Concrete Stabilization Slab = elevation 2.00. Finish work was adequate enough to provide a smooth surface for I-Wall Forms. Width of Slab equalled + 5' - 0" (3' on Flood side and 2' on Protected side of Centerline.)

JOB SAFETY
(Note inspection, violations/actions taken)

Inspected Oxy-Fuel torch rig and burning operations today. Informed GILL'S CRANE SERVICE that they have to comply with the following Safety requirements:

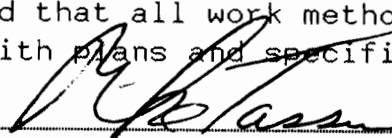
1. Fuel Tank Regulator & Gauges need repair or replacement.
2. A Fire Extinguisher must be kept on hand close to the work area.
3. Backflow Preventors (Check Valves) must be installed on the Oxygen and Fuel lines.

These items must be corrected as soon as possible.

REMARKS
(Instructions received, miscellaneous remarks)

See "MATERIALS RECEIVED" and "JOB SAFETY" for instructions and remarks for today.

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


Authorized QC Representative

01/09/95

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
43

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

DATE 23 December 1994
thru 08 January 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
See attached CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

24 HOUR PRECIPITATION
INCHES 2.45" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-15 hrs	OFFICE	LAYOUT	INSPECTION	TOTAL 1-15 hrs	LABOR
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FEET See QCR	TIME 0800
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-113 hrs	SKILLED 7-249 hrs	LABORERS 5-212 hrs	TOTAL 14-574
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FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - BRIDGE DEMOLITION; FLOOD PROTECTION; SHEET PILES
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES; NEW SHEET PILES
- c. _____

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

See attached CQC Reports for details of work scheduled and performed this period by B&K Const. Co., Inc., and Gill's Crane Service, Inc.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05, 06, 16 & 19 Dec 94.
100% of day lost due to adverse weather/wet ground conditions on 03 Jan 95.
50% of day lost due adverse weather/wet ground conditions on 06 Jan 95.

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

Progressive work was scheduled and performed by B&K and Gill on 27, 28 & 29 Dec 94, and on 04, 05 & 06 Jan 95. All operations were shut-down during the periods of 23 thru 26 Dec 94 and 30 Dec 94 thru 02 Jan 95, in observance of Christmas and New Year's holidays.

PERCENT PROJECT COMPLETE: 5.90%

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT TIME ELAPSED: 24.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

See attached Project Engineer's Quality Assurance Supplement Report for CQC Inspection Phases attended and instructions issued this period.

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

See attached Project Engineer's QA Supplemental Report for details of QA Inspections performed throughout this period.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	15 hrs.	PE

NOTE: QAR, Z. Bryant on annual leave throughout this period.

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

No safety infractions were noted throughout this period.

INSPECTOR'S SIGNATURE

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

DATE

11 JAN 95

SUPERVISOR'S INITIALS

ZW

DATE

1/17/95

DATE 1-4-95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed contractor personnel
struck & drove approx. 30' of sheet piling.
Template used to align piles & 4' foot
level used to maintain plumbness. Contractor
was driving sheet piling - 10 pairs. All
personnel wearing hard hats on-site.

Instructions to COC/Remarks: Mr. Brian Kenyon called regarding
difficult driving that they were encountering.
However when I arrived at the site no
difficulty was observed. Some resistance was
noted approximately 10' down but was
quickly broken thru. It took approx. 3-5
minutes to drive piling to final grade.

Chunf Hagren Proj Engr
Name Title

DATE 1-2 95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: No work performed
due to wet conditions of lower. Observed
personnel survey layout of new sheet piling

Instructions to COC/Remarks: None today

Chris Wagner Proj Engr
Name Title

DATE: 12-29-84

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel
continuing to assemble forms in staging
area. No other work performed due to
wet conditions other than some miscellaneous
items around the yard.

Instructions to COC/Remarks: n/a

Chas Hagner Proj Engr
Name Title

DATE 12-21-84

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Continuing to cut off
existing sheet piles @ elevation 6.75'. Also
observed personnel start assembling forms
that were delivered to staging area.

Instructions to CQC/Remarks: Informed CQC Jerry Justice
that the waterstop has been tested & approved
for this contract.

Chunf Wagner Proj Engr
Name Title

DATE 12-27-94

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel pulling up existing sheet piling & then cut off sheets @ el. 6.75'. This is necessary in order to maintain temp flood protection. Also observed personnel starting to layout excavation cut w/ stakes being set to establish alignment.

Instructions to COC/Remarks:

None today

Chunf Wagner
Name

Proj Engr
Title

Berry



DEPARTMENT OF THE ARMY
WATERWAYS EXPERIMENT STATION, CORPS OF ENGINEERS
3909 HALLS FERRY ROAD
VICKSBURG, MISSISSIPPI 39180-6199

REPLY TO
ATTENTION OF

CEWES-SC-EM (1110-2-1403b)

06 JAN 1995

MEMORANDUM FOR Commander, U. S. Army Engineer District, New Orleans,
ATTN: CELMN-CD, P. O. Box 60267, New Orleans, LA 70160-0267

SUBJECT: Results of Tests of Polyvinyl Chloride Waterstop Proposed for Lake Pontchartrain, London Ave. Outlet Canal, Mirabeau to Leon C. Simon, DACW-29-94-C-0079

1. In accordance with DD Form 448, MIPR No. W42-HEM-2-CD-94-C-0079, dated 6 Oct 94, and amendment No. A, dated 17 Nov 94, one sample of polyvinyl chloride (PVC) waterstop was tested and evaluated for compliance with CRD-C 572.
2. One 4-ft piece of 9-in. 3-bulb with 1-in. center bulb PVC waterstop, lot number 94209, was received on 1 Oct 94 and assigned Concrete Technology Division serial number 950003. The PVC waterstop was manufactured by Greenstreak, Inc., St. Louis, MO.
3. The PVC waterstop sample met the requirements of Specification CRD-C 572; results are given in encl 1.

FOR THE DIRECTOR:

BRYAN MATHER
Director, Structures Laboratory

Encl

CF (w/encl):
CELMN-CD-CC (James Berry)
CELMV-ED-G

JAN 11 1995

JAN 11 1995

**REPORT OF
POLYVINYL CHLORIDE WATERSTOP
CRD-C 572**

CTD SERIAL NO.: 950003	TESTED BY: CEWES-SC-EM	DATE: 23 Dec 94
MATERIAL TYPE: Type DB, 9-in., 3-bulb	MANUFACTURER: GREENSTREAK	LOT NO.: 94209
PROJECT: L PONTCHARTRAIN, LONDON	CONTRACT NO.: DACW-29-94-C-0079	DISTRICT: NEW ORLEANS

<u>PROPERTY</u>	<u>PROCEDURE</u>	<u>REQUIREMENT</u>	<u>RESULTS</u>
TENSILE STRENGTH	CRD-C 573 (ASTM D 412)	MIN. 12.07 MPa (1750 psi)	15.72 MPa (2280 psi)
ULTIMATE ELONGATION	CRD-C 573 (ASTM D 412)	MIN. 300%	330 %
LOW TEMPERATURE BRITTLENESS -37.2°C (-35°F)	CRD-C 570 (ASTM D 746)	NO FAILURE	NO FAILURE
STIFFNESS IN FLEXURE	CRD-C 571 (ASTM D 747)	MIN. 4.14 MPa (600 psi)	8.48 MPa (1230 psi)
ACCELERATED EXTRACTION: ULTIMATE ELONGATION	CRD-C 572	MIN. 280 %	310 %
TENSILE STRENGTH		MIN. 10.34 MPa (1500 psi)	15.24 MPa (2210 psi)
EFFECTS OF ALKALIES: CHANGE IN WEIGHT AFTER 7 DAYS	CRD-C 572	-0.10% to +0.25%	+0.12 %
CHANGE IN HARDNESS AFTER 7 DAYS		MAX. ± 5 pts.	0 pt.

REMARKS

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

DATE:01/06/95

REPORT NO.:66

SKIES:Cloudy/Rain

RAIN:0.20IN.

TEMP.: 58 MIN. 70 MAX.

DUST:None

LEVEE CONDITION:Wet

CANAL GAUGE:(2.0)

NOISE:Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Assembling I-Wall forms in the Pratt Drive Staging Area. Removing existing MP-112 Sheet Piling from Station 119+05 to Station 117+00. Grading bottom of I-Wall excavation for 4" stabilization slab at Monolith #155. Assisted GILL'S CRANE SERVICE in driving of new CZ-101 Sheet Piling. Heavy rain storm after 3:00 PM shut down all work on the Levee.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from Station 117+63.60 to Station 117+27.20. Boomed Crane down on the Levee at 1:00 PM and went home early due to high winds.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	16	B & K	Assembling I-Wall forms; Driving new CZ-101 Sheet Piles; Removing existing MP-112 corrugated Sheet Piles. (See Locations Above)
5	Skilled	40	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
2	Unskilled	10	GILL'S CRANE	Driving new CZ-101 Sheet Piles.
1	Skilled	5	"	(See Locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	3	5	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	3	5	-
Koehring 535 Crane	-	Yes	5	3	-
MKT Vibro Hammer	-	Yes	5	3	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	-	Yes	2	6	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Monitored vibrations, caused by Pile driving, for the Orleans Levee Board today.

MATERIALS RECEIVED

None received today.

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

Inspected CZ-101 Sheet Pile work done today. Cut off elevation was controlled using a surveyors level and did not exceed allowable tolerances. Alignment was achieved using a 10" H - Beam set to proper location with off set stakes. Plumbness of new Sheet Piles was also found to be within tolerance both ways. Pile length was 26' - 9" on all sheets driven today. No defects were found in the material or workmanship of the CZ-101 Piles. Interlocks were engaged for the entire length of the Piling.

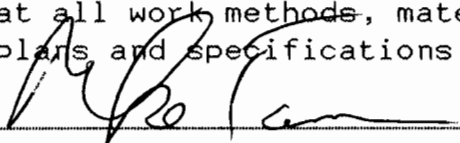
JOB SAFETY
(Note inspection, violations/actions taken)

MKT V-5 Hammer was inspected by a representative of MISSISSIPPI VALLEY EQUIPMENT COMPANY at the request of B & K Construction. His evaluation of the equipment condition was as follows: Some of the Hydraulic hoses need replacing; a bolt was broken off of the driving hammer jaw assembly. No other defects were found according to MISSISSIPPI VALLEY EQUIPMENT. But, should be repaired soon.

REMARKS
(Instructions received, miscellaneous remarks)

No instructions received today.
Still encountering obstructions during Sheet Pile driving approx. 10' of penetration. We are able to drive through these obstructions with a few minutes of extra effort on each pair of CZ-101 Sheets.

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


Authorized QC Representative

01/07/95

Date

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

DATE:01/05/95

REPORT NO.:65

SKIES:Cloudy

RAIN: 0 IN.

TEMP.: 33 MIN. 48 MAX.

DUST:None

LEVEE CONDITION:Wet

CANAL GAUGE:(1.7)

NOISE:Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters assembling I-Wall forms in the Pratt Drive Staging Area. Operator assisted GILL'S CRANE SERVICE in driving of CZ-101 Sheet Piling. Used Komatsu 200 to bring Sheets closer to the to the 535 Crane. Also excavated for I-Wall placement from Station 117+60 to Station 117+15.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piles on the East Bank from Station 118+68.00 to Station 117+63.60.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	16	B & K	Assembling I-Wall forms; Excavating for I-Wall placement; driving new CZ-101 Sheet Piles (See Locations Above)
5	Skilled	40	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
2	Unskilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piles on the East Bank (See Location Above)
1	Skilled	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	5	3	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	4	4	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	-	Yes	3	5	-

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - performed Vibration monitoring tests for the Orleans Levee Board today while New Sheet Piling were being driven. The technician for Delta Testing stated that vibrations recorded today were well within acceptable limits.

MATERIALS RECEIVED

None received today.

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

Inspected Sheet Pile driving work. The new CZ-101 Sheets had begun to get out of plumb in the plane of the Wall (approximately 1/8 of an inch per foot) near Station 118+00. The Pile driving crew was instructed to bring the sheets gradually back to plumb again and did so by the time the work had reached Station 117+85 +. Pile cut off elevation was kept within acceptable limits as well. All interlocks were fully engaged for the entire length of the piling.

New Sheet Piling are difficult to drive after approximately 10' of penetration, but we are able to drive through this layer of obstructions with a few extra minutes of effort.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked V-5 Hammer for loose bolts and signs of wear. Hydraulic hoses were found to be in need of repair or replacement. MISSISSIPPI VALLEY EQUIPMENT will inspect Hammer, hoses, and power pack tomorrow on the job site.

Checked & repaired Safety Fencing at Fiilmore Avenue. Pedestrians had stomped fencing down to walk the Levee in spite of "KEEP OUT" signs.

REMARKS
(Instructions received, miscellaneous remarks)

CZ-101 Steel Sheet Pile delivery is scheduled for Monday of next week. The remainder of the Sheets 26' - 9" long are coming then, as well as more of the 24' - 9".

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


Authorized QC Representative

01/05/95

Date

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

DATE:01/04/95

REPORT NO.:64

SKIES:Cloudy

RAIN: 0 IN.

TEMP.: 35 MIN. 48 MAX.

DUST:None

LEVEE CONDITION:Wet

CANAL GAUGE:(2.0)

NOISE:Moderate

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Assisted in driving of new CZ-101 Sheet Piling; operated MKT V-5 Hammer, stabbed sheets, moved sheets into position with Komatsu 200 Excavator, pumped water out of structural excavation. Carpenter crew worked on I-Wall Form assembly in the Pratt Drive staging area. Laborer cut weeds & tall grass on the West Bank from Robert E. Lee to Filmore today.

GILL'S CRANE SERVICE - Drove new CZ-101 Steel Sheet Piling on the East Bank from Station 119+04.15 to Station 118+68.00. No work performed on cutting off of existing Sheet Piles.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
3	Unskilled	24	B & K	Driving new CZ-101 Sheet Piles; Assembling I-Wall forms; Trimming weeds. (See Locations Above)
5	Skilled	40	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
2	Unskilled	16	GILL'S CRANE	Driving new CZ-101 Sheet Piles
1	Skilled	8	"	(See Locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	4	4	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota 151 Excavator	-	No	4	4	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	Yes	8	0	-
MKT Vibro Hammer	-	Yes	8	0	-
Kobelco LK 500 Loader	-	No	0	8	-
J.S.W. Excavator	ARR 12/29/94	Yes	3	5	-

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

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

Inspected Sheet Pile material incorporated in the job today. New CZ-101 Sheet Piles were 26'-9" in length, marked with appropriate heat numbers with no defects in workmanship noted.

Checked alignment of sheets driven, plumbness, and status of interlocks were all fully engaged, + alignment and plumbness were correct within allowable tolerances. The first Monolith joint (#155 + #154) interlock Station was only off by 0.07' from the Plan Station. Pile cut off elevations were set to correct grade using a surveyors level & rod. Pile cut off elevations for Piles driven today was +4.75, plus or minus.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked workers for Hard Hats on the job site. All employees of B & K wore proper protective head gear at all times.

The 535 Crane was boomed down at end of today's work, Safety Fencing was closed off at Robert E. Lee Blvd. also.

REMARKS
(Instructions received, miscellaneous remarks)

Mr. Chris Wagner came out to look at Pile driving operations today, due to obstructions encountered underground. The CZ-101 Sheets were finally driven to grade after a few extra minutes of effort was put forth with the V-5 Vibratory Hammer. (Between approximate Station 119+04 and 118+85.)

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


Authorized QC Representative

01/04/95

Date

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

DATE:01/03/95

REPORT NO.:63

SKIES:Cloudy

RAIN:0.25IN.

TEMP.: 36 MIN. 48 MAX.

DUST:None

LEVEE CONDITION:Wet CANAL GAUGE:(1.9) NOISE:Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - 12/30/94 through 01/02/95 - No work performed.
 Rainfall total = 2.0 for this period. Drying condition poor.

01/03/95 - No work performed on the Levee today due to wet soil and more rain falling. Carpenters putting I-Wall forms together in the Pratt Drive staging area. Surveyor working on Steel Sheet Pile tie-in.

GILL'S CRANE SERVICE - No work performed - soil too wet for any work on the Levee.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	10	B & K	I-Wall Form assembly
4	Skilled	24	"	" " "
1	Supt.	8	"	" " "
1	QC Rep.	8	"	" " "

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

Received miscellaneous hardware for I-Wall form assembly.

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

Checked stationing of RZ-10 Sheet Piling on the East Bank near Station 119+06 to verify tie-in location with new CZ-101 Sheets. Sheet Pile Shop drawings from CASTEEL showed C/L of last RZ-10 interlock at the required tie-in point was 119+05.50. Mr. Chris Wagner agreed that we should start Monolith #155 at the approved Sheet Pile plan Station of 119+02.30, and make up the difference (approximately 0.85') in the tie-in work.

JOB SAFETY
(Note inspection, violations/actions taken)

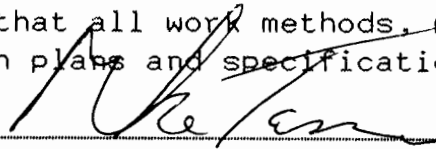
Form carpenters using impact tools wore Safety Glasses while assembling I-Wall forms.

Purchased new extension cords to replace worn cord found in tool trailer. Defective cord will not be used until repaired properly.

REMARKS
(Instructions received, miscellaneous remarks)

None today.

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


Authorized QC Representative

01/03/95

Date

B & K CONSTRUCTION
MINUTES OF SAFETY MEETING

DATE: 01/03/95

TIME: 7:30 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING: SEE ATTACHED

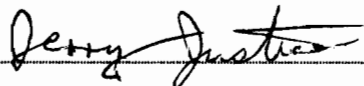
TOPICS DISCUSSED:

Warned all employees about the dangers of walking or standing on the blind side of the operator of heavy equipment. Instructed all employees not to get in the way of the swing radius of hydraulic excavators and cranes, and never to allow a suspended load to swing over personnel.

The carpenter crew said they needed some 1/2" shackles for moving metal forms around during assembly. These were ordered today. Also picked up new gauges, strikers, and burning goggles for use with the acetylene oxygen torch.

COMMENTS:

A hazard is present on this job where swinging equipment is working close to existing Sheet Pile or Concrete Floodwall. Employees should never allow themselves to come between working equipment and those structures, due to the obvious crushing hazard.



CONTRACTOR'S SUPERINTENDENT

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

Safety Meeting

ATTENDEES

1-3-95

Jerry Justice

Mike Concamp

Gregory Brown

Larry J. Lee

Anthony Leonard

Steve Thome

Bryan Verdun

Mike Tassini

Gregory Jackson

Cindy Evans

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

DATE: 12/29/94

REPORT NO.: 62

SKIES: Cloudy

RAIN: 0 IN.

TEMP.: 60 MIN. 68 MAX.

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (2.0)

NOISE: Minimal

WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed on the Levee due to wet soil conditions. Carpenters built a work platform in the Pratt Drive staging area to accomodate I-Wall Form construction. Began assembly of first I-Wall Steel Forms. Laborers cut weeds and tall grass on the East Bank between the fences, and worked on curing water supply connections at Robert E. Lee Blvd.

GILL'S CRANE SERVICE - No work performed today due to wet soil on the Levee.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	I-Wall Form assembly; curing water connections; grass cutting (See locations above.)
4	Skilled	32	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	9	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

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

None performed today.

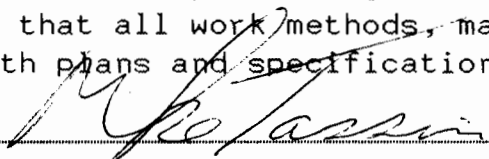
JOB SAFETY
(Note inspection, violations/actions taken)

Inspected the Safety Fencing at Robert E. Lee Blvd., Filmore Avenue, and Mirabeau Avenue. Laborers repaired the fencing at all the locations above before leaving for the holiday weekend.

REMARKS
(Instructions received, miscellaneous remarks)

Completed the I-Wall layout and corresponding Field Notes today for the East Bank Station 119+03.06 to Station 114+82.71. The starting Station for I-Wall Monolith #155 (East Bank, South of Robert E. Lee Blvd) given on the contract drawings does not match the Station given on the Steel Sheet Pile approved Shop drawings. A difference of 0.76' was noted between the original location and the location on the approved Shop drawings.

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


Authorized QC Representative

12/29/94

Date

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

DATE: 12/28/94

REPORT NO: 61

SKIES: Pt. Cloudy

RAIN: 0 IN. TEMP: 44 MIN 68 MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.5)

WORK PERFORMED/LOCATION

B & K Construction - Laborers continued demolition work on Pedestrian Bridge at Filmore Avenue, removing remaining handrails and posts. Operator used Kubota 151 Excavator to excavate for new I-Wall placement from East B/L Station 118+00 to 117+60. Started work on I-Wall Forms - inventorying and sorting hardware, and reading & studying Blueprints and Assembly instructions.

Gill's Crane Service - Cut off existing RZ-10 Sheet Piling at elevation 6.75 for Temporary Flood Protection from East B/L Station 117+29 to Station 117+11. Used the Koehring Crane to load cut off pieces into a dump trailer and hauled them off of the job site. Walked the Crane back to † Station 119+00 to begin driving new CZ-101 Sheet Piling tomorrow.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	40	B & K	Pedestrian Bridge Demolition - Filmore Avenue; began building I-Wall Forms in Pratt Drive Staging area; Structural Excavation. (See Stations Above.)
2	Skilled	16	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
2	Skilled	12	Gill's Crne	Cutting off existing RZ-10 Sheet Piling and hauling them off the job site. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

Received another driving Template for Steel Sheet Piling today, and lumber to build a work platform for construction I-Wall forms.

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

Inspected the excavated area - Grade was controlled by measuring from cut stakes set approximately every 40'. Excavated materials were windrowed on the Flood side of the excavation. Some of the material is not suitable for backfill, unless all concrete debris can be separated from the soil. The Kubota 151 Excavator was used to grade out the excavation bottom.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked Slings & Rigging used to load Steel Piling cut off pieces. No broken wires or signs of damage either.

Flagmen were used to stop traffic and allow truck to be unloaded at Robert E. Lee Blvd. Flagmen wore orange vests and used orange flags to stop traffic.

REMARKS
(Instructions received, miscellaneous remarks)

Mr. Chris Wagner gave us the verbal approval on the Waterstop for this project. Formal approval is forthcoming tomorrow from the Corps of Engineers.

Gill's Crane Service left early today.

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


Authorized QC Representative

12/28/94

Date

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

DATE:12/27/94

REPORT NO.:60

SKIES:Clear

RAIN: 0 IN.

TEMP.: 35 MIN. 65 MAX.

DUST:Minimal

LEVEE CONDITION:Dry

CANAL GAUGE:(1.3)

NOISE:Moderate

WORK PERFORMED/LOCATION

CHRISTMAS HOLIDAYS

12/23/94 through 12/26/94 - No Work Performed.

12/27/94 Tuesday - B & K Construction - Continued demolition of Pedestrian Bridge at Filmore Avenue today. Removed Chain Link Fencing and Handrails. Barricaded both ends off after work was over. Used the Kubota 151 Excavator to excavate for I-Wall construction from Station 118+50 to Station 118+00, East B/L. Grade stakes were set every 40' † to control depth of the excavation. Centerline stakes were set to insure proper alignment of trench.

Gill's Crane Service - Pulled existing RZ-10 Sheet Piling up approximately 4.0' from Station 117+52 to Station 117+11, and cut existing Sheet Piling off at elevation 6.75 from Station 117+97 to Station 117+29 (East Baseline). Cut off pieces will be hauled off tomorrow.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Pedestrian Bridge Demolition - Filmore Avenue, Temporary Flood Protection - East Bank Structural Excavation. (See Stations Above.)
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
2	Skilled	16	Gill's Crane	Pulling up existing RZ-10 Sheet Piling and cutting off at elevation 6.75. (See Stations Above.)

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

Received one Aligning Beam (or Template) for Sheet Pile Driving,
and two Concrete Buckets.

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

Inspected the "Cutting off of Existing Steel Sheet Piling" work done today. The torch cut was made using a chalk line to work by. I instructed GILL'S CRANE SERVICE, however, that the cuts must be made straighter in the future.

JOB SAFETY
(Note inspection, violations/actions taken)

Held the weekly Safety Meeting today on the jobsite at 7:30 AM. The topic of today's meeting was "Environmental Protection of Land, Air, and Water.

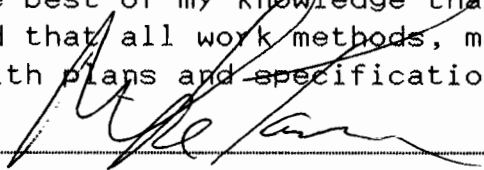
Checked for any pollution of water resources on the jobsite. No sign of water pollution noted anywhere on the job.

REMARKS
(Instructions received, miscellaneous remarks)

No instructions received today.

I did contact Mrs. Ida Daniel today to inform her of the demolition work on the Pedestrian Bridges at Robert E. Lee Blvd. and Filmore Avenue. She had no instructions or remarks of note.

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


Authorized QC Representative

12/27/94

Date

MINUTES OF SAFETY MEETING

DATE: 12/27/94

TIME: 7:30 AM

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

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED:

Environmental Protection of Land, Air, and Water Resources on the jobsite. Employees were asked to make an effort to pick up lunch trash and other debris at the work site and in the office compound area. Waste oils and fuels must be contained (in buckets or drums) and disposed of properly. B & K Construction usually contracts INTERNATIONAL OIL SERVICE to pick up our waste oils for recycling. Any equipment on the job that has faulty or defective exhaust components must be repaired in a timely manner to keep the noise level down to a minimum. Water will be used on the Levee when conditions are so dry that dust is a problem for nearby residents. Erosion Control (Silt Fencing) will be checked periodically, and maintained in good condition, to prevent Silt runoff onto adjacent properties.

COMMENTS:

Reviewed the Quality Control Plan (Environmental Protection Work) to familiarize the crew with the requirements of this definable feature of the contract.



CONTRACTOR'S SUPERINTENDENT

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

ATTENDEES
12-27-94

John Justus
Steve Thorne
Gregory Jackson
Larry V. Lee
Richard Brown
Mike Combs
Mike Lamm
Cindy Evans

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
42

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

DATE Thursday
22 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 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 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
2.70'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-10 hrs	2-10 hrs	5-25 hrs	9-45 hrs	0700 M	1200M	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. - PEDESTRIAN BRIDGE DEMOLITION; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING RZ-10 SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

NOTE: All Contractors shut-down at approx. 1200 hrs. this date, to begin their Christmas Holiday Vacation. All Contractors are expected to return to work on Tuesday, 27 Dec 94.

Days of no work and reasons for same:

50% of days lost due adverse weather/wet ground conditions on 01, 05, 06, 16 & 19 Dec 94.

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

Progressive work was scheduled and performed by B&K Const. and Gill's Crane Service, this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 21.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

CUTTING OFF OF EXISTING RZ-10 SHEET PILES: No instructions issued.

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

The following Preparatory Inspections were performed this date:

PEDESTRIAN BRIDGE DEMOLITION: See attached minutes for topics discussed and personnel attending this meeting.

Attended the following Follow-Up QA Inspections were performed this date:

PEDESTRIAN BRIDGE DEMOLITION: Observed B&K personnel removing handrail supports 4"X4" from the pedestrian bridge located near Robert E. Lee Blvd.

CUTTING OFF OF RZ-10 STEEL SHEET PILES: Observed Gill's Crane Service and B&K personnel, pulling up the existing RZ-10 piles approx. 3.25', and then cutting them off with an oxy-fuel cutting torch at approx. elev. +6.75' as required for the temporary flood protection, between approx. East B/L Sta's 117+52 and 117+97.

TEMPORARY FLOOD PROTECTION: Checked and found contractor using the existing RZ-10 sheet piles, which were cut-off at approx. elev. +6.75', as temporary flood protection, as approved.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

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

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

Checked and found all personnel working in the vicinity of the vibratory hammer this date, to be wearing hard hats, hearing protection, safety glasses, and steel-toed boots.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE


ZANE D. BRYANT, J

DATE

10 Jan 95

SUPERVISOR'S INITIALS



DATE

1/12/95

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

DATE: 12/22/94

REPORT NO: 59

SKIES: Pt. Cloudy - Cloudy RAIN: 0 IN. TEMP: 50 MIN 65 MAX

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

WORK PERFORMED/LOCATION

B & K Construction - Assisted in pulling of existing Sheet Piling; moving mats and Koehring Crane down the Levee. Continued demolition of Pedestrian Bridge at Robert E. Lee Blvd., as far as demolition can proceed. The remainder of the work will require assistance from a Crane. The Pedestrian Bridge at Robert E. Lee was barricaded off again after the end of the work today.

Gill's Crane Service - Pulled up existing RZ-10 Sheet Piling approximately 3.25', from East B/L Station 117+97 to Station 117+52. These Sheets will be cut off at elevation 6.75 when work resumes next Tuesday. Koehring 535 Crane was boomed down and secured for the long weekend.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	25	B & K	Pedestrian Bridge Demolition - Pulling up and cutting off existing RZ-10 Sheet Piling, for Temporary Flood Protection.(See Above Sta.'s)
1	Skilled	5	"	" " " "
1	Supt.	5	"	" " " "
1	QC Rep.	5	"	" " " "
1	Skilled	5	Gill's Crne	Pulling up & cutting off existing RZ-10 Sheet Piling for Temporary Flood Protection. (See locations above.)

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

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

Inspected Temporary Flood Protection work done on the East Bank today. The required elevation of 6.75 was maintained, using existing RZ-10 Sheet Piling cut off to correct elevation. No gaps or breaks were found below elevation 6.75.

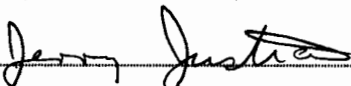
JOB SAFETY
(Note inspection, violations/actions taken)

Inspected Sheet Pile pulling operation and equipment. The Koehring Crane worked off of wooden mats for stability on the Levee. Slings, Chokers, Shackles, and Hoist Cables were in good condition. Only qualified operators ran the Crane and Vibratory Hammer. All workers wore Hard Hats and Steel Toed Boots.

REMARKS
(Instructions received, miscellaneous remarks)

Attempted to contact the New Orleans Department of Streets again today. (Mrs. Ida Daniel) I could not reach Mrs. Daniel today, but I will try again on Tuesday. This call is to bring the Department of Streets up to date on the work being done on Pedestrian Bridges at Robert E. Lee and Filmore Avenue.

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



Authorized QC Representative

12/22/94

Date

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

PREPARATORY AGENDA
PEDESTRIAN BRIDGE DEMOLITION
12/21/94

1. The required 24 hour notice was given on 12/20/94.
2. Assure that all necessary Personnel are present for the meeting.
3. Check Submittal status for this part of the contract.
4. Discuss proposed methods of work planned by B & K Construction to accomplish this part of the work, including the equipment to be used and the disposal of materials from demolition.
5. Review the Job Hazard Analysis prepared for this specific item of work. Address hazards involved and possible preventive measures.
6. Establish Quality Control monitoring and reporting procedures for this phase of work.
7. Agree on the level of workmanship required for this item of work.
8. Have all parties present sign the attendance register.

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

PREPARATORY MEETING MINUTES
PEDESTRIAN BRIDGE DEMOLITION
12/21/94

A Preparatory Inspection Meeting was held today in the field office of Inspector Zane Bryant to discuss the Pedestrian Bridge Demolition work for this project. Mr. Zane Bryant and Mr. Chris Wagner represented the Government, while Mr. Mike Tassin and Mr. Jerry Justice represented B & K Construction. Prior notification was given to the Government on 12/20/94. All necessary parties were present to participate in the discussion.

The submittal requirements were found to be satisfied for this phase of work. The demolition plan prepared by B & K Construction was reviewed as well as the Contract Plans & Specifications, to determine the scope of work and requirements found in these documents. Mr. Bryant stated that drawings #44 and #45 showed limits of sidewalk & step removal at Pedestrian Bridges as well as existing Floodwall gap closure details.

Mr. Tassin stated that B & K Construction may elect not to pull all the support Piling at one time. While the Crane is working on the East Bank we will pull those Piles that can be reached. When the Crane is moved to the West Bank, we will pull what can be reached from that side. A Truck Crane will be rented to pull the center Piles if necessary, as stated in our Demolition Plan. The Piling holes on land will be filled with Cement-Sand-Bentonite slurry as stated in the Specifications. It was agreed that filling of Piling holes in the water was not required.

Mr. Wagner stated that the New Orleans Department of Streets should be contacted and kept informed of the status of these Pedestrian Bridges. A letter was sent to Mr. Jim Webb of the Streets Department 2 - 3 weeks ago. Mr. Tassin has not been able to reach Mr. Webb by phone. Mr. Justice stated that he would follow up on this matter immediately.

The Job Hazard Analysis prepared for this phase of the work was reviewed. Mr. Tassin provided Life Vests for working over the water to employees today. Steel Toed Boots will be worn at all times by demolition crews, as well as Hard Hats and Gloves (as needed). Flagmen and/or Policemen will direct traffic if lane closures are necessary. Warning signs are already in place preceding the work area.

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

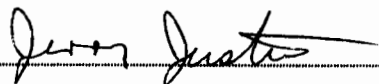
PREPARATORY MEETING MINUTES
PEDESTRIAN BRIDGE DEMOLITION
12/21/94

Mr. Tassin stated that at Mirabeau Avenue, the existing concrete walk & steps will have to be covered over with Soil and Crushed Concrete to facilitate truck and equipment access on the East & West Banks. The existing Steel handrails will be removed, then replaced after work is completed here. All soil and surfacing materials will be removed, and the walkway & steps will be repaired if any damage occurs due to our construction activities. No objection was made to this proposal, but Mr. Wagner said that B & K Construction would be responsible for fencing or barricading off any area unsafe for foot traffic, and for providing safe temporary access to the Mirabeau Bridge over London Avenue Canal for Pedestrians.

Mr. Wagner then stated that we must store all materials (from demolition and otherwise) inside the Safety Fencing at construction servitude limits. Mr. Bryant asked when the Swing Gates would be installed at Robert E. Lee, East and West Bank. Mr. Tassin stated that SOUTHEAST EROSION CONTROL would be here next week to install Swing Gates and additional Safety Fencing required at Robert E. Lee Blvd.

Quality Control monitoring and reporting will be the responsibility of Mr. Justice, who will document work performed, results of inspections, and the disposition of materials from demolition on the Quality Control Daily Report.

With all matters adequately discussed, the meeting was adjourned.



Authorized QC Representative

12/21/94

Date

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

PEDESTRIAN BRIDGE DEMOLITION
ATTENDEES
12/21/94

Jerry Justis
Chris J. WAGNER
Mike Tamm
LANE BRYANT

B & K
COE
B&K
COE

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

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

41

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

DATE Wednesday
 21 December 1994

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

CONTRACT NUMBER
 DACW29-94-C-0079

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

WEATHER
 Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM 48°	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 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET 3.00'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 2-16 hrs	SKILLED 3-18 hrs	LABORERS 6-44 hrs	TOTAL 11-78 hrs	FROM 0700 M	TO 1530M	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. - PEDESTRIAN BRIDGE DEMOLITION; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - CUTTING OF EXISTING SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05, 06, 16, 19, and 20 Dec 94.

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

Progressive work was scheduled and performed by B&K Const. and Gill's Crane Service this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%
 PERCENT TIME ELAPSED: 21.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.
TEMPORARY FLOOD PROTECTION: No instructions issued.
CUTTING OF EXISTING SHEET PILES: No instructions issued.

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

The following Preparatory Meeting was held this date:

PEDESTRIAN BRIDGE DEMOLITION: Contractor held the Preparatory Meeting for the Demolition of the pedestrian bridges at Robert E. Lee Blvd. and Filmore Ave. Attended this meeting were Mssrs. J. Justice and M. Tassin of B&K Const. and Mssrs. C. Wagner (PE) and Z. Bryant (QAR) of COE. Minutes of this meeting will follow at a later date.

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

PEDESTRIAN BRIDGE DEMOLITION: Observed B&K removing the handrails from the bridge located near Robert E. Lee Blvd. Also noted that contractor re-installed the Bridge Closed signs and also installed sections of fencing at bridge openings to keep out pedestrians.
CUTTING OFF EXISTING SHEET PILES: Observed Gills Crane Service using and MKT V-5 vibratory hammer/extractor to pull the existing sheet piles up approx. 3.25' and cutting off these piles at approx. elev. +6.75' as required for flood protection. Contractor using an oxyfuel (oxygen & propane) to cutting off existing sheet piles. Sheet piles (RZ-10) were cut off between approx. East B/L Sta's 117+97 and 118+17 (20'). This work was performed to provide temporary flood protection in the area.

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

QAR, Z. Bryant instructed CQC Rep's J. Justice and M. Tassin to have the following safety requirements corrected by 0730 hrs. on Thu., 22 Dec 94 or the cutting off of the existing steel sheet piles would not be allowed to continue until they were corrected: 1) Install properly functioning gauges and regulators on the oxygen and propane tanks; 2) Provide anti-backflow check valves on all cutting torch sets; and 3) Provide an adequate Fire Extinguisher at all sheet pile cutting operations. Mssrs. Justice and Tassin stated that these deficiencies would be corrected by 0730 hrs. on Thu., 22 Dec 94 as required.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

See "Verbal Instructions" above for safety infractions noted this date.

INSPECTOR'S SIGNATURE

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

DATE

22 Dec 94

SUPERVISOR'S INITIALS

[Signature]

DATE

12/28/94

DATE: 12-21-94

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel removing
walk boards & handrail posts from
pedestrian bridge near R. E. Ln. Debris
being removed from site. Also observed
personnel re-install chain-link fence at
bridge openings until permanent fencing is
completed.

Instructions to COC/Remarks:

N/A

Chris Wagner
Name

Proj Engr
Title

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

DATE: 12/21/94

REPORT NO: 58

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP: 48 MIN 70 MAX

DUST: Minimal LEVEE CONDITION: Dry NOISE: Moderate
 (CANAL GAUGE) (3.0)

WORK PERFORMED/LOCATION

B & K Construction - Continued demolition of Pedestrian Bridge at Robert E. Lee Blvd; removed handrail posts, and walk boards at locations where unbolting of channel iron was required. Worked with Gill's Crane Service, running Vibratroy Hammer for Sheet Pile pulling. Marked cut-off elevation on existing Sheet Piling ahead of work. Unloaded 5 Crane mats for use on the Levee with Cranes and Backhoes.

Gill's Crane Service - Using Koehring 535 Crane and MKT Vibratory Hammer to pull existing RZ-10 Sheet Piling up to elevation 15.25 from East B/L Station 118+17 to Station 117+97. Used Oxyfuel torch to cut these Sheet Piles off at elevation 6.75 for Temporary Flood Protection at same Station.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	40	B & K	Pulling existing RZ-10 Sheet Piling up to elevation 15.25 and cutting off to elevation 6.75 (for Temp. Flood Protection); Demolishing Pedestrian Bridge at Robert E. Lee.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
2	Skilled	10	Gill's Crne	Pulling up & cutting off existing RZ-10 Sheet Piling for Temporary Flood Protection. (See Stations Above)
1	Unskilled	4	"	

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Monitored vibrations today caused by Sheet Pile work on the East Bank near B/L Station 118+00. This work was done at the request of the Orleans Levee Board, and the results of these tests are sent out to the Levee Board only.

MATERIALS RECEIVED

Received 5 more Crane Mats today to support equipment working on the Levee.

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

Preparatory Inspection was performed today on the "Pedestrian Bridge Demolition" phase of work. Minutes of this meeting are to follow with tomorrow's Daily Report.

Inspected Sheet Pile cut-off and Temporary Flood Protection work done on East Bank at † Station 118+00. Required elevation of 6.75 was maintained, and verified by Jerry Justice. Existing RZ-10 Sheet Piling were pulled up approximately 3.25' before being cut off at elevation 6.75, yeilding an eight foot cut off piece, plus or minus three inches.

JOB SAFETY
(Note inspection, violations/actions taken)

Inspector Zane Bryant instructed us to comply with Safety requirements for torch work by tomorrow. Items of non-compliance are: inadequate Fire Extinguisher on hand and broken guages on oxygen and fuel tank regulators. These items will be corrected before any further cutting is allowed using oxy-fuel torch set. The sub-contractor was given these instructions by B & K Constructions Quality Control Personnel today.

Pedestrian Bridge was barricaded and fenced off to keep people off of this structure overnight.

REMARKS
(Instructions received, miscellaneous remarks)

Lee Wilczynski came by the job today to drop off original CASTEEL Quality Control Certificates for Heat Numbers not submitted previously. These Certificates were forwarded to B & K Construction's Mandeville Office to be formally submitted to the Corps of Enginners. Inspector Zane Bryant was furnished with copies today.

Mr. Wilczynski stated that from now on, he will forward CASTEEL Quality Control Certificates for all new Steel Sheet Piling already rolled at one time instead of sending them with the delivery trucks.

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


Authorized QC Representative

12/21/94

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

40

TO Area Engineer,
CELMN-CD-NO

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

DATE Tuesday
20 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 45°	MAXIMUM 64°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET 2.60'	TIME 0800	M
---------------	--------------	---

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 2-16 hrs	LABORERS 5-40 hrs	TOTAL 9-72 hrs
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FROM 0700M	TO 1530M	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. - PEDESTRIAN BRIDGE DEMOLITION; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05, 06, 16, 19, and 20 Dec 94.

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

Progressive work scheduled and performed by B&K Const. Co. and Gill's Crane Service this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%
PERCENT TIME ELAPSED: 21.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.
- TEMPORARY FLOOD PROTECTION: No instructions issued.
- CUTTING OFF EXISTING SHEET PILES: No instructions issued.

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

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

- PEDESTRIAN BRIDGE DEMOLITION: Observed B&K personnel continuing to remove wooden handrails from the pedestrian bridge located near Robert E. Lee Blvd.
- CUTTING OFF EXISTING STEEL SHEET PILES: Observed contractors using the vibratory hammer to pull existing RZ-10 steel sheet piles up approx. 3.25' and cutting off these piles at approx. elev. +6.75'. Contractors are using oxyfuel (oxygen/propane) cutting torches.
- TEMPORARY FLOOD PROTECTION: Observed contractors cutting off the existing steel sheet piles at approx. elev. of +6.75, between approx. East B/L Sta's 118+17 and 118+39. These existing piles will be used for the temporary flood protection in this area.
- ENVIRONMENTAL PROTECTION: Noted that no debris from the demolition of the pedestrian bridge at Robert E. Lee Blvd. was being allowed to fall into the adjacent London Ave. Canal.
- QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

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

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

Checked and found personnel using cutting torches to cut existing steel sheet piles, to be wearing leather gloves, cutting goggles, hard hats, at steel-toed boots.
No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

21 Dec 94

SUPERVISOR'S INITIALS

lp

DATE

12/27/94

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

DATE: 12/20/94

REPORT NO: 57

SKIES: Pt. Cloudy/Cloudy

RAIN: 0 IN.

TEMP: 45 MIN 64 MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Moderate

(CANAL GAUGE)
(2.6)

WORK PERFORMED/LOCATION

B & K Construction - Continued Pedestrian Bridge Demolition at Robert E. Lee Blvd. - Assisted Gil's Crane Service in pulling up existing Sheet Piles to elevation 14.75 and cutting them off to elevation 6.75 from Station 118+39 to Station 118+17 on the East Bank. Repaired Safety Fence at several locations.

Gil's Crane Service - Pulling up existing Sheet Piling with B & K Construction at Stations shown above. Used the Koehring Crane and MKT Vibratory Hammer to pull Sheets up approximately 3.25. Then, used Acetylene torch to cut off Sheets at elevation 6.75 for Temporary Flood Protection. Length of Cut off pieces was ± 8.5'.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	40	B & K	Demolition of Pedestrian Bridge - Pulling up existing Sheet Piling.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
1	Skilled	8	Gil's Crane	Pulling up existing Sheet Piling & cutting them off at elevation 6.75 for Temporary Flood Protection.

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

DELTA TESTING - Monitored Sheet Pile Pulling Vibration today on the East Bank near B/L Station 118+50. Monitoring equipment was set up on the West side of Warrington Drive in front of houses. Not enough space in rear of houses to set up equipment without being on Private Property.

Ken Meyn of DELTA TESTING said that the vibration caused by Sheet Piling work was minimal today.

MATERIALS RECEIVED

Received 1 drum of Wall Tie Iner-Rods from PELICAN SUPPLY.

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

Inspected work done on Existing RZ-10 Sheet Piling today. Elevations were shot and lines were chalked to assure proper cut off elevation. Cut off pieces were left on site for now, but will be hauled off by Gil's Crane Service within a week.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked Pedestrian Bridge for barricades and "Bridge Closed" signs at the end of work today. 2 x 4 Barricades were nailed into place at each end of the Pedestrian Bridge at Robert E. Lee, with signs attached.

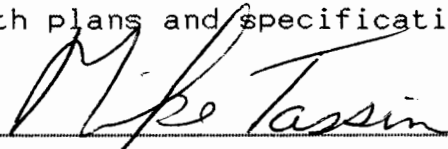
Workers will be required to wear Life Vests starting tomorrow when working on the bridge. (Handrails were removed today.)

REMARKS
(Instructions received, miscellaneous remarks)

Mike Tassin met with Lee Wilczynski today to order special fabricated connections needed for tie-in to existing Sheet Pile Floodwall at 119+03.06 East B/L.

Mr. Tassin also requested another delivery of CZ-101 Sheets 26'-9" long for the first week of January. The remainder of the Steel Sheet Piling for this project are to be rolled in January and possibly delivered to the site in February.

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



Authorized QC Representative

12/20/94

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

39

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

DATE Sat., Sun. & Mon.
17, 18 & 19 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER Cloudy with Rain
to Clear and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
40°	62°

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

24 HOUR PRECIPITATION

INCHES Sat.	ENDING	
0.20"	0730	M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE

FEET	TIME	
2.10'	0800	M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-16 hrs	1-8 hrs	5-40 hrs	8-64 hrs	0700 M	1530 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - PEDESTRIAN BRIDGE DEMOLITION; SHEET PILES
- b. _____
- c. _____

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

See the attached CQC Report for details of work performed this period. No work scheduled or performed on Sat. and Sun., 17 and 18 Dec 94.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05, 06, 16 & 19 Dec 94.

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

No work scheduled or performed on 17 and 18 Dec 94 (Sat. & Sun.). Minor work performed on Mon., 19 Dec 94. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 21.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 19 Dec 94:

PEDESTRIAN BRIDGE DEMOLITION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

SAFETY FENCE: See "Verbal Instructions" on back of this report.

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

The following Follow-Up QA Inspections were performed on Mon., 19 Dec 94:

PEDESTRIAN BRIDGE DEMOLITION: Observed B&K begin to remove the handrails and chain-link fencing from the pedestrian bridge located near Robert E. Lee Blvd. Noted that "Bridge Closed" signs were installed at each end of this bridge.

STEEL SHEET PILES: Observed B&K relocating steel sheet piles along the protected side of the existing east levee, between approx. East B/L Sta's 112+00 and 114+50.

SAFETY FENCE: Visually inspected all safety fencing installed on this project to-date. Noticed that pedestrians had knocked down the fence closures on the west levee, at approx. West B/L Sta's 70+45, 85+95, and 119+25. Instructed contractor to repair these closures.

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

NOTE: No QA Inspections were performed on Sat. & Sun., 17 & 18 Dec 94, due to no work being scheduled or performed by contractors.

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

QAR, Z. Bryant, as per PE, C. Wagner, instructed CQC Rep's, M. Tassin and J. Justice to complete the installation of the safety fencing and gates, to the Construction Servitude Limits indicated on drawings nos. 08 thru 11 of 73. Mr. Tassin agreed to concur with these instructions and stated that he would contact Southeast Erosion Control and have them complete the installation of the safety fences and gates as soon as possible.

Note: These instructions were issued on Mon., 19 Dec 94.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: CQC Rep., M. Tassin informed QAR, Z. Bryant on Mon., 19 Dec 94, that B&K Const. and all subcontractors would not be on-site during the period of 23 thru 26 Dec 94, in observance of the Christmas Holidays. B&K is scheduled to return to work on Tue., 27 Dec 94.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs. (Mon)	QAR

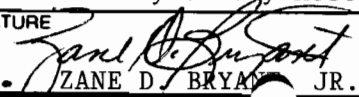
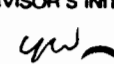
VISITORS: L. Plaisance, NOD-SO
W. Clendenon, NOD-SO

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

Noticed that flagmen with orange flags and vest were used to flag traffic, while contractor was unloading vibratory hammer and power pack from a truck located on Robert E. Lee Blvd. at approx. East B/L Sta. 119+75.

No safety infractions were noted this date.

Contractor held Weekly Safety Meeting on Mon., 19 Dec 94. See attached minutes.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 20 Dec 94	SUPERVISOR'S INITIALS 	DATE 12/22/94
--	-------------------	---	------------------

DATE: 12-19-84

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel start
removing pedestrian bridge near Robert E. Lee.
Hand rails were removed with cross boards
to follow. Warning signs were placed on
bridge for safety purposes.

Instructions to COC/Remarks: Instructed Supt. Mike Tasson
& COC rep Jerry Justice that they must
extend limits of safety fence to the
construction area as shown on the drawings.
Both agreed to do so. Also instructed
them to install temp chain link fence
across bridge openings until bridge is
completely demolished.

Chas Wagner Proj Engr
Name Title

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

DATE: 12/19/94

REPORT NO: 56

SKIES: Clear

RAIN: 0 IN. TEMP: 40 MIN 62 MAX

DUST: None

LEVEE CONDITION: Wet NOISE: Moderate

(CANAL GAUGE)
(2.1)

WORK PERFORMED/LOCATION

12/17/94 - Saturday - 0.2" Rainfall - No Work Performed.

12/18/94 - Sunday - No Work Performed.

12/19/94 - Monday - B & K Construction crew stacked new CZ -101 Sheet Piling on top of previous stacks on protected side of the Levee on the East Bank from Station 114+50 to Station 112+00. Began Pedestrian Bridge Demolition at Robert E. Lee Blvd. Began removing handrails and fence material from the sides of the Bridge. Unloaded the MKT V-5 Vibratory Hammer at Robert E. Lee Blvd. to begin work there on the East Bank. Repaired downed Safety Fencing at Mirabeau, Filmore, & Robert E. Lee Blvds. at the end of the day.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5	Unskilled	40	B & K	Beginning demolition of Pedestrian Bridge and Moving CZ-101 Sheet Piling to work area. (See Locations Above)
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

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

Checked Heat Numbers painted on CZ-101 Steel Sheet Piling. CASTEEL still needs to submit Quality Control Certificates for Heat Numbers 92664, 92667, 92671, and 92673. WEIRTON STEEL has already submitted their Laboratory Test Reports for all Heat Numbers shown on the CASTEEL to WEIRTON STEEL crossover key. Steel Sheet Piling already received to this date have WEIRTON STEEL Test Reports submitted with corresponding Heat Numbers.


JOB SAFETY
(Note inspection, violations/actions taken)

Safety Fencing was repaired at locations where Pedestrians have trampled or pulled it down. SOUTHEAST EROSION CONTROL was contacted today to install Swing Gates at Robert E. Lee Blvd., East and West Bank. Barricades and Warning Signs were nailed in place on each end of the Pedestrian Bridge at the end of the day at Robert E. Lee.

REMARKS
(Instructions received, miscellaneous remarks)

Inspector Zane Bryant instructed us to extend Safety Fencing at Robert E. Lee Blvd. to the Construction Servitude Limit shown on the Contract drawings, and install Swing Gates there. Jerry Justice and Mike Tassin will be responsible for following up on these instructions. Mr. Tassin stated that he would begin demolishing the Pedestrian Bridge today if there were no objections from the Government.

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



Authorized QC Representative

12/19/94

Date

MINUTES OF SAFETY MEETING

DATE: 12/19/94

TIME: 7:30 AM

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

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: Jerry Justice

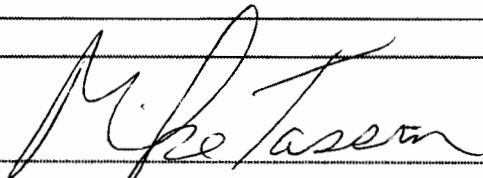
PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED:

Proper lifting techniques to prevent back injuries were discussed. Employees were instructed to get more help if any object seems too heavy to lift. Keeping the back straight while lifting was recommended, using the leg muscles to pick up the load. All heavy lifts will be made by equipment, using proper Rigging techniques. Slings and Chains will be inspected daily by the operator and crew, checking for any damage or defects. Defective or worn Slings, Chokers, or Chains will be discarded immediately, and replaced with good ones.

COMMENTS:

Never work or walk under any suspended load.



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

38

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

DATE Friday
16 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER Partly Cloudy & Cool
to Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
55°	74°

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

24 HOUR PRECIPITATION

INCHES	ENDING
0.40"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-2 hrs			1-6 hrs	2-8 hrs	

Canal RIVER STAGE

FEET	TIME
2.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-16 hrs	2-13 hrs	4-32 hrs	8-61 hrs	0700 M	1530 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05, 06 & 16 Dec 94.

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

Progressive work was scheduled and performed this date by B&K Const. and Gill's Crane Service. See attached CQC Report for details.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 20.9%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Preparatory Inspection Phases this date:

CUTTING OFF OF EXISTING STEEL SHEET PILES: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

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

The following Preparatory QA Inspections were attended this date:
CUTTING OFF OF EXISTING STEEL SHEET PILES: See attached minutes of meeting.
TEMPORARY FLOOD PROTECTION: See attached minutes of meeting.

The following Follow-Up QA Inspections were performed this date:
CUTTING OFF OF EXISTING STEEL SHEET PILES: Observed subcontractor (Gill) using oxygen and acetylene torch to cut off the existing PZ-27 steel sheet piles at approx. elev. +6.75', between approx. East B/L Sta's 118+39 and 118+80 (41'). Pieces of sheet piles that were cut off were removed from site this date.
TEMPORARY FLOOD PROTECTION: Checked and found that Contractor is using the existing steel sheet piles between approx. East B/L Sta's 118+39 and 119+03, which were cut off at elev. +6.75' as the temporary flood protection in this area, which is within the contract requirements
QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

PE, C. Wagner instructed Contractor's Supt., M. Tassin to go ahead and order and install the Privacy Slats for the chain-link fence in front of and on both side of the Staging Area, along Pratt Drive. Privacy Slats are to gray in color. Mr. Tassin agreed to concur. Mr. Tassin immediately called Ace Fence Co. and ordered privacy slats, and they informed him that the slats would take 7 to 10 days to arrive, and would be installed within one day after receiving slats at their office.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Heavy rainfall at approx. 1330 hrs. shut-down all phases of work being performed this date on job site.

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

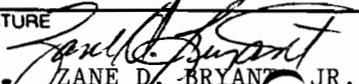
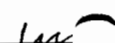
REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	5 hrs.	QAR

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

Checked and found oxygen/acetylene torch set being used this date, was equipped with the required anti-flow back valves.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 19 DEC 94	SUPERVISOR'S INITIALS 	DATE 12/22/94
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DATE 12-16-84

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Attended preparatory meetings
on "structural excavation + backfill" "temporary
flood protection" + "steel sheet piling"
phases of work. Minutes to follow ASAP.
Observed personnel cut off a few
of the existing sheet piling to ab. 6.75'.
This elevation must be maintained for
temporary flood protection.

Instructions to COC/Remarks: Informed CQC Supt. Mike
Tasson to go ahead with the
installation of the "slats" around the storage
yard fence since the mod has been
settled. He said they would but it
would take approx 10 days to order
+ receive the material.

Chunf Wagner Proj Engr
Name Title

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

DATE: 12/16/94

REPORT NO: 55

SKIES: Pt. Cloudy/Cloudy

RAIN: 0.4 IN.

TEMP: 55 MIN 74 MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(2.0)

WORK PERFORMED/LOCATION

B & K Construction - Used the Komatsu 200 to string out new CZ101 Steel Sheet Piling along the protected side of the Levee between Station 114+50 and Station 112+00 East B/L.

Removed bucket from Kobelco Front End Loader and installed the new set of forks received for this machine yesterday.

Rain stopped all work at 1:30 today.

Gil's Crane Service - Cut off existing Sheet Piling at elevation +6.75 from East B/L Station 118+80 to Station 118+39. Removed cut off scraps of existing Sheet Piling and hauled to scrap yard for recycling.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Moving new CZ101 Sheet Piling into position adjacent to work area. (See locations above)
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
1	Skilled	5	Gil's Crane	Cutting off existing Sheet Pile (SEE STATIONS ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	8	0	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	Departed	-	-	-	-
Kobelco LK 500 Loader	-	Yes	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

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

Preparatory Inspection Meetings were held today for three phases of work - TEMPORARY FLOOD PROTECTION AND COFFERDAMS, CUTTING OFF EXISTING AZ-18, RZ-10, AND PZ-27 SHEET PILING, AND PILING, STEEL SHEET, TYPE PZ-22.

The minutes of these meetings are to follow as soon as possible.

JOB SAFETY
(Note inspection, violations/actions taken)

Fire extinguishers were kept on hand at the site of Acetylene torch work, and on board equipment while in use.

Personnel cutting Steel Sheet Piling with torch wore Protective Eye Wear and Gloves.

REMARKS
(Instructions received, miscellaneous remarks)

Privacy Slats for fence surrounding the B & K office compound were ordered today at the request of the Government. They should be installed within 10-12 days from today.

Heavy Rain Shower at 1:30 PM today soaked the Levee soil.

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


Authorized QC Representative

12/16/94

Date

DACW29-94-C-0079

LONDON AVENUE OUTFALL CANAL

PREPARATORY AGENDA
FOR
STRUCTURAL EXCAVATION & BACKFILL
12/16/94

1. The 24 hour prior notification was given on 12/12/94.
2. Check submittals to determine whether all requirements have been satisfied.
3. Review the contract drawings and specifications to determine the scope of work and requirements for this phase of work.
4. Discuss methods that B & K Construction proposes to use to accomplish this part of the work, including types of equipment to be used.
5. Review the Job Hazard Analysis prepared for this specific item of work; address Safety related matters, as well as possible preventive measures.
6. Establish Quality Control monitoring and reporting procedures for "Structural Excavation and Backfill".
7. Come to an agreement on the level of workmanship expected on this feature of work.
8. Have all attendees sign the attendance register.

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

PREPARATORY MEETING MINUTES
STRUCTURAL EXCAVATION & BACKFILL
12/16/94

A Preparatory Meeting was held today in the field office of Inspector Zane Bryant, to discuss the Structural Excavation and Backfill phase of work for this project. Present for this meeting were Mr. Zane Bryant and Mr. Chris Wagner representing the Corps of Engineers, and Mr. Mike Tassin and Mr. Jerry Justice representing B & K Construction. An agenda was prepared for this meeting and used by Jerry Justice to conduct the meeting. The required 24 hour notice was given to Mr. Bryant on Monday, 12/12/94.

The submittals for this phase of work were reviewed. The equipment data for Compaction Equipment has not yet been submitted. Mr. Justice stated that he would follow up on this matter. The plans and specifications were reviewed for this specific item of the contract. Mr. Wagner said that B & K Construction should be sure to adhere to the Degraded Levee Elevation Chart added to the Specifications (Addendum #0001 page C2C-1a) for hurricane and non-hurricane season degrading work. The reach we plan to start work on first (East B/L 119+03 to 102+67) can be degraded to an elevation of 3.00. However, Temporary Flood Protection must be constructed to a minimum elevation of 6.75 for all reaches during non-hurricane season. The maximum length of protection below the height of existing Floodwall is 750 linear feet.

"STRUCTURAL EXCAVATION" and excavation in other areas was discussed. Removal of obstructions on or near the surface which prevent the driving of Sheet Piles is required. New Floodwall will be performed by the contractor. The excavation shall be pumped or drained to keep the work area dry. Suitable material from excavation will be used in structural backfill. Unsuitable materials shall be wasted.

Structural Fill along the new I-Wall was then discussed. Suitable materials will be placed in layers not to exceed 8" thick, and compacted successively for all fill within 2 feet of the I-Wall (each side). The Lifts will be compacted using hand tampers to a density of 90% of maximum dry density, with a moisture content of plus 5 to minus 3 percent from optimum. Material will come from suitable excavated soils. No backfill will be placed against concrete structures until 14 days after the concrete is placed. Mr. Tassin said that he plans to backfill

PREPARATORY MEETING MINUTES
STRUCTURAL EXCAVATION & BACKFILL
12/16/94

sooner, by satisfying the requirements set forth in Specification Paragraph C2C-4.2.

Soil Testing was then discussed, and Mr. Tassin stated that Delta Testing would be doing all soil tests required for this job as well as concrete tests. Their qualifications will be submitted to the Government for approval in accordance with ASTM-D-3740. Tests will be performed in such a manner as to furnish results to the Government within 24 hours. Frequency of tests shall be as follows: two in-place density tests per lift per 500 linear feet for Structural Backfill; one Atterburg Test for each control compaction curve; two control compaction curves for each type of random material; one moisture content test for each in-place density test; one sand cone density test for verification every ten nuclear in-place density tests. All testing shall be done by Delta Testing in the presence of the project inspector, if he so desires.

Quality Control monitoring & reporting will be done on a daily basis, and documented on the Quality Control Daily Reports.

Mr. Justice stated that he would be the main point of contact for this feature. Mr. Tassin stated that he plans to use the Kubota 151 Excavator to excavate for the new I-Wall construction. The Case 580 Backhoe/Loader will be used to place backfill along the completed I-Wall. Hand Tampers will be used to compact the fill material.

The Job Hazard Analysis prepared for this phase of work was then reviewed. Any excavation deeper than 5' will be shored and braced off. Equipment & trucks will be equipped with Reverse Alarms and Fire Extinguishers. No one will be allowed to work under suspended loads. Safety Boots are required, as well as Hard Hats. All operators will be physically qualified as per USACOE Manual EM385-1-1. Weekly Safety Meetings will address specific hazards, and correction of unsafe situations.

With all matters adequately covered, the meeting was adjourned.



Authorized QC Representative

12/16/94

Date

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

PREPARATORY AGENDA
TEMPORARY FLOOD PROTECTION

12/16/94

1. The required 24 hour notice was given on 12/12/94.
2. Check to see that all necessary personnel are present for the Safety Meeting.
3. Check submittals to determine whether all requirements have been satisfied for this phase of work.
4. Discuss proposed methods of work that will be used by B & K Construction to accomplish this part of the work, including, equipment and materials required.
5. Review the Job Hazard Analysis prepared for this specific item of work. Address possible hazards and preventative measures planned.
6. Establish Quality Control monitoring and reporting procedures for "Temporary Flood Protection".
7. Agree on the level of workmanship required for this phase of workmanship.
8. Have all attendees sign the attendance register.

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

PREPARATORY MEETING MINUTES
12/16/94

A Preparatory Meeting was held today in the office of Inspector Zane Bryant at 10:00 AM. The purpose of this meeting was to discuss all aspects of the "TEMPORARY FLOOD PROTECTION" work to be performed for this contract. Present for the meeting were Zane Bryant, and Chris Wagner representing the U.S. Army Corps of Engineers, and Mike Tassin and Jerry Justice representing the contractor (B & K Construction).

It was agreed that this Preparatory Meeting would only cover the work between Station 119+03 and Station 102+67 on the East Bank. Any new methods of Flood Protection must be submitted and approved prior to making any changes in methods or materials used to accomplish this part of the work. Another Preparatory Meeting must be held each time the Temporary Flood Protection methods are to be altered.

The section of specifications were then reviewed pertaining to the above mentioned feature of work. Temporary Flood Protection will be maintained during non-hurricane season to a minimum elevation of +6.75.

The area left below the height of the existing Floodwall will not exceed 300 linear feet at any time. During Hurricane season, the maximum gap left below elevation +11.50 will not exceed 300 linear feet. Temporary protection in this 300' breach will be maintained at a minimum elevation of +6.75 at all times.

The contractor's approved Hurricane Plan was reviewed. Emergency gap closure will be facilitated using two cranes, two pile driving hammers, two pile driving crews, and 600 linear feet of stockpiled Steel Sheet Piling. Sheet Piling stockpile will be near enough to the work area so that equipment and trucks can easily hand them to the breached area of the Levee.

The method submitted by B & K Construction and approved by the Government to accomplish this part of the work is as follows: Existing PZ-27 and RZ-10 Sheet Piling will be cut to an elevation of +6.75. After completion of the new I-Wall, the existing Steel Sheet Piling will be cut down to the plan elevation of +3.50 (or 6" below finished grade of the new Levee Crown.) The maximum gap of 750' will not be exceeded.

An alternate method of construction the required "TEMPORARY FLOOD PROTECTION" is being drafted at the B & K Mandeville Office, and will be submitted next week.

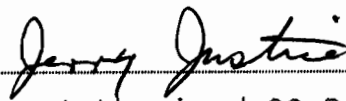
B & K CONSTRUCTION
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL

PREPARATORY MEETING MINUTES
12/16/94

The Job Hazard Analysis was reviewed as it pertains to this specific phase of work. No drowning hazards are present using the proposed method of construction. The Safety requirements for cutting off existing Steel Sheet Piling will be reviewed at our next Preparatory Meeting later today.

Quality Control monitoring and reporting will be done on a daily basis by Jerry Justice and Mike Tassin. The elevation of Temporary Protection will be established and verified by Jerry Justice. This information will be reported on the Quality Control Daily Report. Mr. Justice will be the main point of contact for this phase of work.

With all parties present in agreement on the scope, requirements, and level of workmanship for this feature of the contract, the meeting was adjourned.



Authorized QC Representative

12/16/94

Date

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

PREPARATORY MEETING
TEMPORARY FLOOD PROTECTION
ATTENDEES
12/16/94

Alpo Jann

Zone Supnt

Chris J. Wagner

James Justice

B&K SUPERINTENDENT

COE

COE

B&K - Quality Control

DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL

PREPARATORY AGENDA
FOR
STEEL SHEET PILING
12/16/94

1. The required 24 hour notice was given to Inspector Bryant on 12/12/94.
2. Only two features of this phase of work will be discussed: Bid Item #0008 (Cutting off Existing AZ-18, RZ-10, and PZ-27 Sheet Piling), and Item #0011 (Piling, Steel Sheet, Type PZ-22).
3. Check to see that all necessary personnel are present.
4. Check the Submittals to determine whether all requirements have been satisfied.
5. Review the contract documents; determine the scope of work, and all requirements thereof.
6. Discuss proposed methods of accomplishing this part of the work by B & K Construction.
7. Address Safety and Accident Prevention for these specific areas of work.
8. Establish Quality Control monitoring and reporting procedures for Sheet Piling work.
9. Agree on the level of workmanship required for this phase.
10. Have all parties sign the attendance register.

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

PREPARATORY MEETING MINUTES
12/16/94

A Preparatory Meeting was held today at 10:30 AM in the field office of Inspector Zane Bryant, to discuss the "STEEL SHEET PILING" item of work for this contract. An agenda was prepared, and used to conduct the meeting. Present were Zane Bryant and Chris Wagner (USACOE), and Mike Tassin and Jerry Justice (B & K Construction Company, Inc.).

It was agreed that only the bid items #0008 and #0011 would be covered at this time. These two Sheet Piling items will be incorporated into the work between East B/L Station 119+03.06 and 102+67.72, where we plan to start construction first. Additional Preparatory Meetings will be held before starting work on any other Sheet Pile Items.

Submittals were checked to see if all requirements were satisfied, and they were found to be up to date for the reach mentioned above. Notations made at the time of approval were reviewed and all present were in agreement as to what had to be done to satisfy contract requirements.

Mr. Wagner stated that material Test Reports, Quality Control Certification and Heat Number crossover keys must accompany each shipment of CZ101 Sheet Piling (unless previously provided).

B & K Construction's methods of placing and driving Steel Sheet Piling were then discussed. Mr. Tassin stated that Structural Excavation would be completed prior to driving any Steel Sheets. Mr. Justice said that he would be responsible for Piling alignment and cut off elevations. A Driving Template will be used approximately 50' in length. The template will be secured by driving spuds against the template at each end. Piling will be driven plumb within allowable tolerances, and with interlocks properly engaged to form a continuous diaphragm throughout.

The equipment to be used will be the Koehring 535 Crane and the MKT V-5 Vibratory Hammer. Any Piles damaged or driven out of the interlocks will be removed and replaced. Only the number of Piles that can be driven in a day will be stabbed. No Piling will be driven within 100' of new Concrete I-Wall less than 7 days old, or within 30' of Concrete less than 28 days old. Any voids created by Pile driving operators, or caused by removal of existing Piling will be backfilled with a cement - sand - bentonite slurry as described in spec. Section C2G Paragraph 9.5. B & K Construction may cut holes in the Piles for Rods, Bolts, Drains, or Utility Crossings at locations shown on drawings or as directed.

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

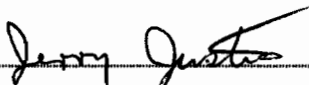
PREPARATORY MEETING MINUTES
12/16/94

Quality Control monitoring shall be done daily, and any deficient workmanship or materials will be reported, and corrected immediately. The reporting on this phase of work will be done on the Quality Control Daily Report. Records shall include identification of approved Piling incorporated into the work, driving equipment, Piling dimensions, and top & bottom elevations of installed Piling.

Mr. Justice asked about cutting handling holes in existing Steel Sheet Piling to be cut off below Finish Grade. Mr. Wagner stated that no handling holes were required for the existing RZ-10 or PZ-27 Sheet Piling between Station 119+03 and 102+67 East Baseline. Mr. Justice also stated that he would be responsible for cut-off elevations for existing Steel Sheet Piling. All cut-offs will become the property of B & K Construction and will be disposed of, scrapped, or sold at our discretion. Disposition of cut-offs will be reported to the Government on the Q.C. Daily Reports.

Safety was the last topic of discussion on this work item. Mr. Justice stated that he had contacted the distributor for the MKT Vibratory Hammers, and was told that the V-5 Hammer owned by B & K Construction is equipped with an emergency locking system in the event of power failure or hydraulic pressure loss. Pile drivers will wear Hard Hats, Steel Toed Boots, Eye Protection as well as Burning Goggles, as a minimum. Leather Gloves are recommended, and Welder's Gloves are required when doing any torch work. Slings & Chokers will be inspected each day before starting work, along with the Crane and Vibratory Hammer. No suspended loads will be swung over personnel. Piles will be driven to grade each day and not left in an unsafe position. Only qualified operators will be allowed to operate Crane and Vibratory Hammer. Weekly Safety Meetings will be held, addressing specific Safety Hazards for Pile drivers and driving operations. Carpenters and other workers will be warned of the dangers involved in Pile driving, and to stay clear of the Crane and Pile work area.

With all matters adequately discussed and agreed on, the meeting was adjourned.



Authorized QC Representative

12/16/94

Date

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

PREPARATORY MEETING
STEEL SHEET PILING
ATTENDEES
12/16/94

M. J. [Signature]
Zape Support
Chris Wagner
Jerry Justice

Bell Superintendent
COE
COE
Quality Control - B & K

**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

37

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
15 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 50°	MAXIMUM 72°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-5 hrs	TOTAL 2-6 hrs	LABOR
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FEET 1.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 2-14 hrs	LABORERS 4-32 hrs	TOTAL 8-62 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a B & K Const. Co., Inc. - STEEL SHEET PILES; TEMPORARY FLOOD PROTECTION
- b Gill's Crane Service, Inc. - CUTTING OFF EXISTING SHEET PILES
- c _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Progressive work scheduled and performed by B&K Const. and Gill's Crane Service this date.
See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%
PERCENT TIME ELAPSED: 20.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- TEMPORARY FLOOD PROTECTION: No instructions issued.
 - CUTTING OFF EXISTING SHEET PILES: No instructions issued.
 - STEEL SHEET PILES: No instructions issued.

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

The following QA Inspections were performed this date:

TEMPORARY FLOOD PROTECTION & CUTTING OFF EXISTING SHEET PILES: 'Observed Subcontractor (Gill) using oxygen/acetylene torch to cut-off the existing PZ-27 steel sheet piles between approx. East B/L Sta's 118+80 and 119+03, at approx. elev. +6.75' for use as a temporary flood protection in this area. No other work this date.

STEEL SHEET PILES: Observed contractor relocating new sheet piles along the P/S slope of the existing east levee, between the safety/silt fence and the east levee crown. Also observed the unloading of 2 truck loads (96 pcs) of new CZ-101 X 24'-9" steel sheet piles on the jobsite this date.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor also received 2 truck loads of steel I-Wall Forms this date. I-Wall Forms were unloads and stored in the Staging Area on the east side of Pratt Drive, between Leon C. Simon Blvd. and Robert E. Lee Blvd..

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

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


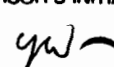
GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	4 hrs.	QAR

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

Spot checked the unloading of sheet piles this date, and found that at no time were loads being passed over personnel or pedestrians. Noted that as soon as contractor noticed that pedestrians needed to pass by the unloading site, contractor immediately stopped work and cleared passage way and let pedestrians pass the unloading area safely.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 16 Dec 94	SUPERVISOR'S INITIALS 	DATE 12/22/94
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DATE: 12-15-94

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed personnel cutting existing sheet piling to ab. 6.75' in order to maintain temp. flood protection. Only a few sheet piles were cut south of Robert E. Lee Blvd. Also observed the unloading of formwork that was stored in the storage area. All personnel wearing hard hats + safety shoes - while on-site

Instructions to COC/Remarks:

None given.

Chunf Nagren
Name

Proj Engr
Title

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

DATE: 12/15/94

REPORT NO: 54

SKIES: Pt. Cloudy

RAIN: 0 IN. TEMP: 50 MIN 72 MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Moderate

(CANAL GAUGE)
(1.7)

WORK PERFORMED/LOCATION

B & K Construction - Used the Koehring Crane to unload new Steel Sheet Piling. (2 truck loads, 96 Pcs. of CZ101 Sheet Piling, 24'-9" long) at Robert E. Lee Blvd., East Bank. New Sheet Piling were then moved down the Levee with Komatsu 200, and stockpiled adjacent to the work area where they will be used.

Gil's Crane Service - Cut off existing Sheet Piling (Frodingham PZ-27's) from East B/L Station 119+03 to Station 118+80 at elevation 6.75 (for Temporary Flood Protection). Cut off pieces will be removed from the job tomorrow & scrapped.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Unloading CZ-101 Sheet Piling and Steel Forms; Stringing out Sheet Piling along the Levee.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	QC Rep.	8	"	" " " "
1	Burner	6	Gil's Crane	Cutting off existing Sheet Pile (SEE STATIONS ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

96 pieces of new Steel Sheet Piling (CZ101) received today from SKYLINE STEEL CORPORATION.

I-Wall Form materials also received from FORMWORK SERVICES AND SUPPLY COMPANY.

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

Inspected the CZ-101 Steel Sheet Piling delivered to the jobsite today. All sheets were new; all were 24'-9" long, delivered in pairs. All were marked with paint to show heat numbers. No damaged or defective sheets were found.

New Steel Sheet Piling were strung out along the Levee Slope (Protected Side) end to end, in stacks of 6 pairs each. Material stacks were neat, and out of the way of Temporary Access Road.

Inspected Temporary Flood Protection work. Existing Sheets were cut off to ele. +6.75. They will have to be cut again to elev. 3.50 after new I-Wall is completed in this area. No gaps found lower than elev. +6.75.

JOB SAFETY
(Note inspection, violations/actions taken)

Workers burning off existing Sheets with Acetylene torch wore Eye Protection while burning.

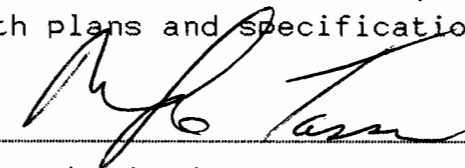
Workers handling Steel Sheet Piling and Form materials wore Steel Toe Boots.

Flagmen stopped traffic on Robert E. Lee Blvd. while trucks were unloaded. Flagmen wore orange Safety Vests and used Traffic Flags to direct traffic.

REMARKS
(Instructions received, miscellaneous remarks)

Lee Wilczynski was contacted about shipping the remainder of CZ-101 Sheets that are 26'-9" long, along with the fabricated corners, and tie-in pieces for Station 119+03.06 connection to existing Floodwall.

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



Authorized QC Representative

12/15/94

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

36

TO Area Engineer,
CELMN-CD-NO

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

DATE Wednesday
14 December '1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 42°	MAXIMUM 64°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 2-3 hrs	OFFICE	LAYOUT	INSPECTION 1-4 hrs	TOTAL 3-7 hrs	LABOR	FEET 1.70'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 3-24 hrs	TOTAL 6-48 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - STEEL SHEET PILES; TEMPORARY FLOOD PROTECTION
- b. _____
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Minor work performed by B&K this date. See attached CQC Report.

DATE SET FOR COMPLETION: 22 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 20.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

STEEL SHEET PILES: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

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

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

STEEL SHEET PILES: Observed contractor using 1-Komatsu 200 Excavator to move new sheet piles along the protected side slope of the existing levee. No other work on this item.

TEMPORARY FLOOD PROTECTION: Observed B&K using the Kubota Excavator to excavate a small trench on the floodside of the existing sheet pile wall, and use this material to build a small earthen levee along the F/S edge of levee crown, between approx. East W/L Sta's 118+60 and 119+03. This was performed by the contractor as a trial effort to see if it was feasible to build an earthen levee as flood protection. It was determined that this type of flood protection would not be feasible in this particular area.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: As of this date, Contractor (B&K) is planning to go ahead with previously approved Temporary Flood Protection Plan, which is cutting off of the existing steel sheet piles to a top elevation of +6.75'.

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

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

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	4 hrs.	QAR

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

Checked and found the Komatsu 200 Excavator and the Kubota LH-151 Excavator to have fully charged fire extinguishers.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

15 Dec 94

SUPERVISOR'S INITIALS

GW

DATE

TY 12/20/94

DATE: 12/14/94

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Inspected contractor's proposed temporary flood protection plan that was constructed using excavated material to build a small potato ridge levee. This plan appears to be insufficient since they are unable to control the seepage nor they are able to compact the material to required density as proposed. They (Supt. Mike Tasson & Jerry Justice) said they will now cut the existing shafts to 6.75' until another plan is designed & submitted for our review.

Instructions to COC/Remarks: See above statements

Chunf Wagner Proj Engr
Name Title

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

DATE: 12/14/94

REPORT NO: 53

SKIES: Pt. Cloudy - Cloudy RAIN: 0 IN. TEMP: 42 MIN 64 MAX

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

WORK PERFORMED/LOCATION

B & K Construction - Operator continued moving CZ101 Sheet Piling to protected side slope of the levee. Also used the Kubota Excavator to dig test trench and Temporary Flood Protection Levee on the East Bank at Sta. 119+03 to 118+60. This was done for the Government Inspectors to look at and make a determination on the feasibility of this method.

Worked on Field Notes for East Baseline Traverse and References. I-Wall layout for Sheet Pile and Concrete work has not been done yet. The existing Sheet Pile will have to be cut down to facilitate the layout of I-Wall centerline.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
3	Unskilled	24	B & K	Moving Steel Sheet Piling into place along the Levee; and Temp. Flood Protection
1	Skilled	8	"	" " "
1	Supt.	8	"	" " "
1	QC Rep.	8	"	" " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	4	4	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	Yes	4	4	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

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

The trial section of Temporary Flood Protection built today was inspected by Chris Wagner, Dennis Duhon, and Zane Bryant. The determination was made that the Earthen Dam built of existing material was not sufficient for Flood Protection. This was due to the large amount of concrete debris present in the Levee and buried under the surface. We are planning to go ahead with the original plan of cutting the existing Sheet Piling off at an elevation of +6.75 to provide Temporary Flood Protection for now. Other methods are being considered for the future work, and will be submitted for approval prior to any changes being made.

JOB SAFETY
(Note inspection, violations/actions taken)

Workers wore Steel Toed Boots while handling Steel Sheet Piling, as well as Hard Hats and Gloves.

Operator inspected the Komatsu 200 Excavator and Kubota Excavator before using this equipment. Fire Extinguishers were on board and fully charged. Reverse Alarms working, and no mechanical defects were found.

REMARKS
(Instructions received, miscellaneous remarks)

We are expecting more Sheet Piling to be delivered tomorrow, along with Concrete I-Wall forms. Extra Personnel will be brought on site to help unload materials tomorrow.

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



Authorized QC Representative

12/14/94

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

35

TO Area Engineer,
CELMN-CD-NO

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

DATE Tuesday
13 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

MINIMUM 42°	MAXIMUM 64°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-3 hrs	TOTAL 1-3 hrs	LABOR
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Canal RIVER STAGE

FEET 1.30'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 4-32 hrs	TOTAL 7-56 hrs
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3			
FROM 0700 M	TO 1530 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. - STEEL SHEET PILES
- b. _____
- c. _____

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

See attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 DEC 94.

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

Minor work performed by B&K this date. See attached CQC Report.

* Corrected to reflect the 3 day time extension granted by Mod #P00003, TE-001.

PERCENT PROJECT COMPLETE: 5.0%

DATE SET FOR COMPLETION: *22 MAR 96

PERCENT TIME ELAPSED: *20.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase this date:

STEEL SHEET PILES: No instructions issued.

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

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

STEEL SHEET PILES: Observed B&K using a Komatsu 200 Backhoe/Excavator to relocate steel sheet piles, between approx. East B/L Sta's 110+00 and 119+00 this date. No other work was performed this date.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: CQC Rep., J. Justice informed QAR, Z. Bryant this date, that B&K would like to hold a Preparatory Meetings on Steel Sheet Piles and Structural Excavation and Backfill, on Wed., 14 Dec 94. However, no time was set because PE, C. Wagner and SCE, D. Duhon were unavailable to attend at this time. Meeting would be rescheduled as soon as possible.

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



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

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	3 hrs.	QAR

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

Checked slings being used this date for handling steel sheet piles. Noted all slings were new and in excellent condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 15 DEC 94	SUPERVISOR'S INITIALS 	DATE 12/20/94
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/13/94

REPORT NO: 52

SKIES: Clear/Pt. Cloudy

RAIN: 0 IN.

TEMP: 42 MIN 64 MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.3)

WORK PERFORMED/LOCATION

B & K Construction - Operator used Komatsu 200 Excavator to place new CZ101 Steel Sheet Piling along the protected side of the Levee. Stacks of three pairs each were placed end to end on the protected side slope of the Levee. Worked on Preparatory Agenda, and went over the plans and specifications preparing for tomorrow's meetings.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Moving Steel Sheet Piling down the Levee.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	Yes	7	1	-
Kubota Excavator	-	No	1	7	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-
Kobelco LK 500 Loader	Arr.12/12/94	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

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

Steel Sheet Piling material was strung out along the protected side of the Levee, between East B/L Station 119+00 to Station 114+50. Material was stacked in pairs, three pairs to a stack. Sheet Piling was not stacked against Safety Fencing, and kept clear of Temporary Access Road.

JOB SAFETY
(Note inspection, violations/actions taken)

Workers handling Steel Sheet Piling wore protective gear; Steel Toed Boots, Hard Hats, and Gloves.

Inspected Slings before using them to lift Sheet Piling. No broken strands were found; no signs of wear or defects found either. A longer set of cables with Pelican Hooks was purchased today, to handle Sheet pairs more easily.

REMARKS
(Instructions received, miscellaneous remarks)

Notice was given to Inspector Zane Bryant that we plan to hold a Preparatory Meeting tomorrow on Steel Sheet Piling and Structural Excavation and Backfill. The time has not been set for the meeting yet, as we could not reach Mr. Chris Wagner today. Mr. Dennis Duhon said that he would come to the job tomorrow to look at the trial section of Temporary Flood Protection.

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



Authorized QC Representative

12/13/94

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

34

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun. & Mon.
10, 11 & 12 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER Cloudy with Rain
to Clear and Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 38°	MAXIMUM 58°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

72 HOUR PRECIPITATION
INCHES Sat. 0.30" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-3 hrs	TOTAL 2-4 hrs	LABOR
------------------------	--------	--------	-----------------------	------------------	-------

FEET 1.50'	TIME 0800 M
---------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 4-32 hrs	TOTAL 7-56 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - TEMPORARY ACCESS ROADS

b. _____

c. _____

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

See the attached CQC Report for details of work performed this period. No work was scheduled or performed on Sat. and Sun., 10 and 11 Dec 94.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Minor work was performed by B&K on Mon., 12 Dec 94. No work was scheduled or performed on 10 & 11 Dec 94. See attached CQC Report.

DATE SET FOR COMPLETION: 19 MAR 96 PERCENT PROJECT COMPLETE: 5.0%
PERCENT TIME ELAPSED: 20.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase on Mon., 12 Dec 94:

TEMPORARY ACCESS ROADS: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Mon., 12 Dec 94:

TEMPORARY ACCESS ROADS: Observed contractor placing crushed concrete on existing levee crown, between approx. East B/L Sta's 92+00 and 96+00, this date, for the temporary access road in this area. Crushed concrete was tailgated by dump trucks and dressed with the Komatsu D37P dozer this date. No other work performed this date.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	1 hr. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	3 hrs. (Mon)	QAR

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

Checked and found all personnel on-site wearing hard hats and steel-toed work boots on Mon., 12 Dec 94.

No safety infractions were noted this date.

Contractor held Weekly Safety Meeting on Mon., 12 Dec 94. See attached minutes.

INSPECTOR'S SIGNATURE


ZANE D. BRYANT JR.

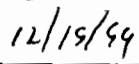
DATE

14 Dec 94

SUPERVISOR'S INITIALS



DATE



DATE: 12/12/94

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:

Observed personnel spreading
crushed concrete using dozer to compact material.
No other work performed today

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: 12/12/94

REPORT NO: 51

SKIES: Clear

RAIN: 0 IN. TEMP: 38 MIN 58 MAX

DUST: Minimal

LEEVE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.5)

WORK PERFORMED/LOCATION

12/10/94 (Saturday) - No Work Performed. Rainfall = 0.30"

12/11/94 (Sunday) - No Work Performed.

12/12/94 (Monday) - Placed Crushed Concrete Surfacing material on Temporary Access Road on the East Bank from B/L Station 92+00 to Station 96+00. Operator attempted to move new CZ101 Sheet Piling down the levee with the Kobelco LK 500 Loader, but discovered that there is not enough room for this articulating Loader to turn on the Levee Crown with existing Sheets in place.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Temporary Access Road; I - Wall Layout. (See Locations Above)
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

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

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received approximately 19 TONS of Crushed Concrete Surfacing material for Temporary Access Road.

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

Inspected Temporary Access Road work done today. Crushed Concrete material was spread in a layer approximately 2" thick. No Geotextile fabric was used under Surfacing material. Crushed Concrete was confined to the Levee Crown only. All Surfacing material will be removed from the Levee prior to any embankment work.

JOB SAFETY
(Note inspection, violations/actions taken)

Employees were told to report to work tomorrow with Steel Toed Boots. Handling of Steel Sheet Piling is planned tomorrow, which will require protection from crushing hazards.

REMARKS
(Instructions received, miscellaneous remarks)

The B & K Mandeville Office is drafting a letter proposing an alternate method of Temporary Flood Protection, using an Earthen Dam constructed from existing material. If approved, we plan to use this method to begin work on the East Bank at Robert E. Lee Blvd.

The trial section built last Tuesday near Station 119+20, East B/L, was successful in holding Canal water back. The Earthen Dam was built to an elevation of +6.75, using existing soil from Structural Excavation area. Some seepage under the Temporary Levee was noted, but was minimal enough to be kept pumped out daily.

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



Authorized QC Representative

12/12/94

Date

MINUTES OF SAFETY MEETING

DATE: 12/12/94

TIME: 7:30 AM

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

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Steve Thorne
Jerry Justice
Mike Commins
Harry T. Lee

Murray Jackson

TOPICS DISCUSSED:

Steel Toe Boots or shoes are required whenever employees are exposed to potential hazards to the feet, such as crushing or puncturing hazards. The job hazard analysis for this project states that Steel Toe Boots shall be worn for the following work items: Selective Demolition; Pedestrian Bridge Demolition; Embankment work; Structural Excavation and Backfill; and Handling Miscellaneous Metals.

COMMENTS:

All employees working in the field will have Steel Toe Boots by tomorrow.

M. P. Tassin

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

33

TO Area Engineer,
CELMN-CD-NO

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

DATE Friday
09 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 65°	MAXIMUM 78°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-9 hrs	LABOR
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FEET 1.60'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 3-24 hrs	TOTAL 6-48 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - TEMPORARY ACCESS ROADS

b. _____

c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Minor work performed by B&K this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 19 MAR 96 PERCENT PROJECT COMPLETE: 5.0%
PERCENT TIME ELAPSED: 19.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase this date:

TEMPORARY ACCESS ROADS: No instructions issued.

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

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

TEMPORARY ACCESS ROADS: Observed B&K placing crushed concrete on existing levee crown for access roads, between approx. West B/L Sta's 102+00 and 119+00. Crushed concrete was spread by dump trucks, then dressed with the D37P dozer. This material is being spread approx. 2" thick.

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

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

SCE, D. Duhon informed B&K's Supt., M. Tassin this date, via phone conversation, that the proposed CZ-101 steel sheet piles have been approved for use on this project, and that a formal letter regarding this matter will be forthcoming.

PE, C. Wagner, reminded CQC Rep., J. Justice, and Contr's Supt. M. Tassin that Original Field Notes for the B/L Traversing and Referencing must be submitted to COE, prior to beginning any phase of work on any location on the project. Mssrs. Justice and Tassin agreed to concur with this requirement, and stated that the field notes would be turned in as soon as possible.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NONE



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

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

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Checked and found all personnel on-site to be wearing hard hats as required.
No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 13 Dec 94	SUPERVISOR'S INITIALS 	DATE 12/19/94
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DATE: 12/9/94

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Contractor continuing to
work on access road by placing crushed
concrete on existing lava crown. All ^{crushed concrete} material
will be removed at end of job

Instructions to COC/Remarks: Informed Supt. M.K. Tassiri
& CQC Rep Jerry Justice that sheet piling
submittal requirements have been approved.
Also informed them that a temporary flood
protection plan must be submitted for
our review & approval. Both agreed to
do so. Finally I stated to them
that all layout notes must be submitted
prior to any work being performed.

Chunf Hagren Proj Engr
Name Title

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

DATE: 12/09/94

REPORT NO: 50

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP: 65 MIN 78 MAX

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

WORK PERFORMED/LOCATION

B & K Construction - Placed Crushed Concrete material on Temporary Access Road on the West Bank from B/L Station 102+00 to Station 119+00. Used the Komatsu D37P Dozer to spread & level this material. Thickness of surfacing material was \pm 2" thick.

Also placed same material on the East Bank from B/L Station 85+75 to Station 92+00.

Worked on Field Notes for East B/L traverse and references. Studied plans for I- Wall layout next week.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
3	Unskilled	24	B & K	Temporary Access Road; Survey Control Work.
1	Skilled	8	"	" " "
1	Supt.	8	"	" " "
1	Q.C. Rep.	8	"	" " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	Yes	8	0	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received approximately 94 TONS of Crushed Concrete Surfacing material for Temporary Access Road.

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

Inspected the Temporary Access Road work completed today. Crushed Concrete material was spread over Levee Crown approximately 10' wide in a 2" layer. No Geotextile material was used here due to the large amount of Concrete debris found in the existing soil. All Concrete Surfacing material will be removed from the Levee Crown before any Embankment or Backfill work is done.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked workers for Hard Hats while working on the Levee. All Employees were wearing Hard Hats when inspection was made.

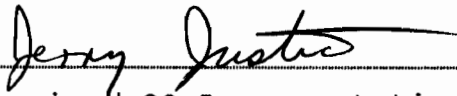
Operator inspected the D37P Dozer before starting work. No mechanical defects were noted. Reverse Alarm and Fire Extinguishers were working properly.

REMARKS
(Instructions received, miscellaneous remarks)

We received verbal approval from Mr. Dennis Duhon today on the new Steel Sheet Piling material (CZ101) supplied by SKYLINE STEEL CORP. This approval allows us to start cutting off existing Sheet Piling on the East Bank at Robert E. Lee as previously planned.

Mr. Chris Wagner stated that the Field Notes for B/L Referencing and I - Wall Layout must be turned in to the Government prior to driving any new Sheet Piling or placing I - Wall Forms.

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


Authorized QC Representative

12/09/94

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

32

TO Area Engineer,
CELMN-CD-NO

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

DATE Thursday
08 December 1994

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 & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 64°	MAXIMUM 78°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 4-32 hrs	TOTAL 7-56 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
 Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - TEMPORARY ACCESS ROADS

b. _____

c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Minor work was performed by B&K this date. See attached CQC Report.

DATE SET FOR COMPLETION: 19 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 19.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection this date:

TEMPORARY ACCESS ROADS: No instructions issued.

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

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

TEMPORARY ACCESS ROADS: Observed contractor placing 7 truck loads (approx. 72 tons) of crushed concrete on top of the existing levee between approx. West B/L Sta's 85+50 and 101+00. No filter fabric was used this date, on this portion of levee at contractor's option. Crushed concrete material was tail-gated by dump trucks, then dressed and compacted by the Komatsu D37P dozer, this date.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor is still awaiting approval of steel sheet piles from COE as of this date.

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

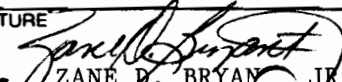

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

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

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

Checked and found dump truck being used to deliver crushed concrete material, to have an effectively working back-up alarm.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 09 Dec 94	SUPERVISOR'S INITIALS 	DATE 12/14/94
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/08/94

REPORT NO: 49

SKIES: Clear

RAIN: 0 IN. TEMP: 64 MIN 78 MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.7)

WORK PERFORMED/LOCATION

B & K Construction - Spread Crushed Concrete over Levee Crown for Temporary Access Road on the West Bank from Station 85+50 to Station 101+00.

Worked on Field Notes for B/L Traverse and References. Fixed Safety Fence at Filmore, Mirabeau, Prentiss and Robert E. Lee Blvd. at the end of the work day. Cleaned Crushed Concrete off of sidewalk and along gutter line at Robert E. Lee Blvd. TRUCK ENTRANCE.

CONTRACTOR/SUBCONTRACTORS AND
AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Temporary Access Road; C/L I-Wall Layout.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	YES	8	0	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received approximately 72 TONS of Crushed Concrete Surfacing material for Temporary Access Road from PONTCHARTRAIN MATERIALS CORPORATION.

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

Inspected Temporary Access Road work done on the West Bank today. No Filter Fabric was used on this portion of the Levee, because the existing material here contains much broken Concrete debris already. The Surfacing material will be completely removed before any Embankment work is done.

JOB SAFETY
(Note inspection, violations/actions taken)

Cleaned up loose rock on sidewalk at Robert E. Lee Blvd.
Repaired Safety Fence at several locations where pedestrians have trampled it down.

REMARKS
(Instructions received, miscellaneous remarks)

Still waiting on approval of new Steel Sheet Piling material from the Corps of Engineers. We are exploring the option of starting work at Filmore to Pumping Station #4 on the East Bank if approval of new Sheet Piling is not received soon.

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



Authorized QC Representative

12/08/94

_____ Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

31

TO Area Engineer,
CELMN-CD-NO

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

DATE Wednesday
07 December 1994

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 & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 63°	MAXIMUM 76°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730 M
-----------------	------------------

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 2-2 hrs	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 3-10 hrs	LABOR
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FEET 1.90'	TIME 0800 M
---------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 4-32 hrs	TOTAL 7-56 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - TEMPORARY ACCESS ROADS; SURVEYS

b. _____

c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Minor progressive work was scheduled and performed by B&K this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 19 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 19.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

TEMPORARY ACCESS ROADS: No instructions issued.

SURVEYS: No instructions issued.

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

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

TEMPORARY ACCESS ROADS: Observed contractor placing filter fabric on existing levee crown material, then placing approx. 4 truck loads (approx. 50 tons) of crushed concrete material on filter fabric for the access road, between approx. East B/L Sta's 76+00 and 84+00. No other work performed this date.

SURVEYS: Observed B&K's Surveyor laying out new wall line for new floodwall, between approx. East B/L Sta's 103+00 and 119+03.06. Noted that W/L was set 10.80' west of east B/L at East B/L Sta. 119+03.06, 10.37' west of East B/L Sta. 114+82.71, and 9.17' west of East B/L Sta. 103+00. All distances are as indicated on drawings 6 & 7 of 73 of the Contract Drawings.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: B&K Const. Co. is awaiting approval of proposed steel sheet piles from COE this date. B&K did submit additional information as requested by COE, on Tue., 12/06/94.

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

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

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Checked and found the Komatsu D37P dozer had an effectively working back-up alarm and a fully charged fire extinguisher, this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

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

DATE

08 Dec 94

SUPERVISOR'S INITIALS

gw

DATE

12/17/94

DATE: 12-7-14

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Contractor continuing to
work on east side access road; placing
fabric + crushed concrete on the existing base.

Instructions to COC/Remarks: N/A

Chunf Wagner Proj Engr
Name Title

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

DATE: 12/07/94

REPORT NO: 48

SKIES: Clear

RAIN: 0 IN. TEMP: 63 MIN 76 MAX

DUST: None

LEVEE CONDITION: Damp NOISE: Minimal

(CANAL GAUGE)
(1.9)

WORK PERFORMED/LOCATION

B & K Construction - Spread Crushed Concrete Surfacing material on Levee Crown at TRUCK ENTRANCE on the East Bank at Robert E. Lee, and on the East Bank from B/L Station 76+100 to Station 84+00.

Survey Crew - Layed out C/L of I - Wall stakes on the East Bank from Station 119+03.06 to Station 103+00 for excavation and planning purposes. Stakes were set at 200' intervals, and the distance between the C/L of I - Wall and existing Sheet Pile wall was recorded.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Temporary Access Road Surfacing and Wall Line Layout. (SEE LOCATIONS
1	Skilled	8	"	" " " ABOVE) "
1	Supt.	8	"	" " " " "
1	Q.C. Rep.	8	"	" " " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	Yes	2	6	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	6	2	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received 50 Tons of Crushed Concrete Surfacing material for
Temporary Access Road.

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

Geotextile fabric was spread over Levee to separate the Crushed Concrete from the Levee Soil on Temporary Access Road. Surfacing material was confined to the Temporary Access Road only.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked workers for hard hats - All personnel wore their hard hats while on the levee. A laborer spotted loads for the dump truck driver, and flagged for the truck when backing up.

REMARKS
(Instructions received, miscellaneous remarks)

Still waiting on approval of new Steel Sheet Piling material from the Corps of Engineers. Laboratory tests reports and a notarized statement guaranteeing that these reports are true and correct were submitted to the Government this morning.

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



Authorized QC Representative

12/07/94

Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

30

TO Area Engineer,
CELMN-CD-NO

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

DATE

Tuesday
06 December 1994

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

CONTRACT NUMBER

DACW29-94-C-0079

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

WEATHER

Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 50%	BORROW EXCAVATION 50%	EMBANKMENT 50%	CONCRETE 50%	STRUCTURE 50%
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MINIMUM 62°	MAXIMUM 75°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 2.00'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 4-32 hrs	TOTAL 7-56 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a. B & K Const. Co., Inc. - SHEET PILES; SURVEYS

b. _____

c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01, 05 & 06 Dec 94.

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

Minor work performed by B&K this date. No work performed by SEC or Gill this date. See attached CQC Report.

DATE SET FOR COMPLETION: 19 MAR 96

PERCENT PROJECT COMPLETE: 5.0%
PERCENT TIME ELAPSED: 19.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

STEEL SHEET PILES: No instructions issued.

SURVEYS: No instructions issued.

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

The following QA Inspections were performed this date:

STEEL SHEET PILES: Observed contractor using a Komatsu 200 Excavator to string out new sheet piles along the F/S of existing sheet pile wall, between approx. East B/L Sta's 115+50 and 117+50. No other work performed this date.

SURVEYS: Observed B&K's surveyor traversing the East Baseline, between approx. East B/L Sta's 120+18.82 and 127+65.81. Observed surveyor also setting reference points for the East B/L P.I.'s at Sta's 119+16.365, 120+18.82 and 126+88.58.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Received and delivered 1-Original and 2-Copies of additional paperwork for the proposed steel sheet piles (CZ-101 and CZ-114) to PE, C. Wagner this date. The above mentioned paperwork is from B&K Const. Co., Inc., Casteel, Inc., and Weirton Steel.

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

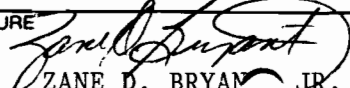
REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

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

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

Checked and found all personnel on site to be wearing hard hats.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT JR.	DATE 07 Dec 94	SUPERVISOR'S INITIALS S	DATE 12/12/94
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/06/94

REPORT NO: 47

SKIES: Pt. Cloudy - Clearing RAIN: 0 IN. TEMP: 62 MIN 75 MAX

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

WORK PERFORMED/LOCATION

B & K Construction - Operator used the Komatsu Excavator to string out Steel Sheet Piling along the Flood Side of the Levee between Station 117+50 and Station 115+50 on the East Bank.

Survey Crew - Traversed the East B/L from Station 120+18.82 to Station 127+65.81. Not able to close the traverse yet due to the Koehring Crane parked in the way. Referenced East B/L Monuments at Station's 119+16.365, 120+18.82, and 126+88.58.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Steel Sheet Piling Handling; Base-line Traverse & References.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	5.5	2.5	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	Yes	2.5	5.5	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

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

Inspected Safety Fencing - Some minor repairs are needed. These will be fixed tomorrow. Inspected roadway at TRUCK ENTRANCE at Robert E. Lee. Some loose Crushed Concrete was found along the gutter line on the bridge ramp. This will be cleaned up.

Began preliminary layout and work on structural excavation to determine whether Temporary Flood Protection can be achieved by building an earthen dam on the Flood Side.

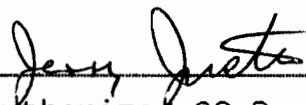
Approximate Station of trial work is 119+00 East Baseline.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked slings & hooks used to lift Steel Sheet Piling pairs. No strands were broken, and no other signs of wear or damage were found.

Instructed all workers never to allow a suspended load to swing over Personnel or Private Property.

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



Authorized QC Representative

12/06/94

Date

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

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

29

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun. & Mon.
03, 04 & 05 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy with Rain & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 0/0/50 %	BORROW EXCAVATION 0/0/50 %	EMBANKMENT 0/0/50 %	CONCRETE 0/0/50 %	STRUCTURE 0/0/50 %
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MINIMUM 58°	MAXIMUM 74°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

96 24 HOUR PRECIPITATION

INCHES 1.50"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-9 hrs	LABOR
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FEET 2.60' to 2.30'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-16 hrs	SKILLED 2-15 hrs	LABORERS 4-32 hrs	TOTAL 8-63 hrs	FROM 0700 M	TO 1530M	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. - STEEL SHEET PILES
- b. Gill's Crane Service, inc. - STEEL SHEET PILES
- c. _____

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

See the attached CQC Report for details of work performed on Mon., 05 Dec 94.
No work scheduled or performed on 03 and 04 Dec 94.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 01 & 05 Dec 94.

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

No progressive work was performed this period. However, contractor did receive and unload 3 truck loads of permanent sheet piles (132 pcs. of CZ-101 X 26'-9") on Mon., 05 Dec 94.
See attached CQC Report.

DATE SET FOR COMPLETION: 19 MAR 96

PERCENT PROJECT COMPLETE: 5.0%

PERCENT TIME ELAPSED: 19.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 05 Dec 94:

STEEL SHEET PILES: See "Verbal Instructions" on reverse side of this Report.

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

The following QA Inspections were performed on Mon., 05 Dec 94:

STEEL SHEET PILES: Observed B&K unloading 3 truck loads, 132 pc's. of CZ-101 X 26'-9" steel sheet piles this date, south of R.E. Lee Blvd. on East Levee, at approx. East B/L Sta. 119+50 +/- . Checked and found that all piles had the following Heat Numbers, 92665, 92666, 92668 and 92669 from Casteel, Inc. Noted that B&K used 4" X 4" timber for cribbing of sheet piles this date.

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

NOTE: No QA Inspections were performed on 03 & 04 Dec 94, due to no work being performed.

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

On Mon., 05 Dec 94, PE, C. Wagner informed Contr's Supt., M. Tassin that a letter would be forthcoming from SCE, D. Duhon, stating that no payment could be made toward the delivery or installation of the CZ-101 Steel Sheet Piles, unless proper documentation is submitted proving compliance with ASTM 572, Grade 50 requirements indicated in the contract specifications (Paragraph C2G-8, Materials). Mr. Tassin stated that he was in complete agreement, with this information.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NONE

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

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


NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	1 hr. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.(Mon)	QAR

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

Contractor held Weekly Safety Meeting on Mon., 05 Dec 94, at approx. 0730 hrs. See attached minutes for topics discussed.

Checked and found slings being used to unload steel sheet piles, to be new and in very good condition.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 06 DEC 94	SUPERVISOR'S INITIALS gw	DATE 12/12/94
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DATE: 12/5/94

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed contractor
personnel stringing out sheet piling that was
delivered to the site. Work was taking
place between Robert E. Lee + Pumping Station
on the east side of canal

Instructions to COC/Remarks: Informed Supt Mike Tassin
that no payment will be made for sheet
piling delivered to site until the required
submittal information + requirements are submitted
for our approval. A letter will be forthcoming
stating this information.

Chris Wagner Proj Engr
 Name Title

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

DATE: 12/05/94

REPORT NO: 46

SKIES: Cloudy

RAIN: 0 IN. TEMP: 58 MIN 74 MAX

DUST: None

LEVEE CONDITION: Wet NOISE: Minimal

(CANAL GAUGE)
(2.3)

WORK PERFORMED/LOCATION

12/03/94 Saturday - 1.4" Rainfall - NO WORK PERFORMED.
 12/04/94 Sunday - 0.1" Rainfall - NO WORK PERFORMED.
 12/05/94 Monday - B & K Construction - Unloaded 132 pieces of CZ 101 Steel Sheet Piling 26' - 9" long from SKYLINE STEEL CORP. this morning. Began stringing out this material along the Flood side of the levee on the East Bank from Station 119+50 to Station 117+50. Sheet Piling had to be separated into manageable bundles of 2 - 4 pairs.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Unloading Steel Sheet Piling Stringing out Sheet Piling on Levee
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "
1	Skilled	7	Gil's Crane	Unloading Steel Sheet Piling

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	8	0	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	Yes	6	2	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

132 pieces of CZ 101 Sheet Piling 26" - 9" long. (From SKYLINE STEEL CORP.) The necessary material documentation did not arrive with the Sheet Piling. Mr. Lee Wilczynski came to the job and promised the proper material analysis & documentation by tomorrow morning.

Material will be inspected tomorrow when the paperwork arrives.

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

Steel Sheet Piling will be inspected tomorrow.
Inspected Silt Fence, looking for any breaches in the Erosion Protection. No breaks in the fence were found. No sign of any Silt run off was noted on Private Property.

Mr. Chris Wagner informed us that a letter from Mr. Dennis Duhon was forthcoming, stating that no payment could be made towards the CZ 101 Steel Sheet Piling material or installation unless proper documentation was submitted, proving compliance with ASTM 572 GRADE 50 requirements.

B & K Construction is still waiting for SKYLINE STEEL CORP. to produce proof of material compliance for CZ 101 Steel Sheet Piling.

JOB SAFETY
(Note inspection, violations/actions taken)

Held the weekly Safety Meeting at 7:30 AM this morning. The Minutes of the meeting are attached to this report.

Flagmen stopped & directed traffic on Robert E. Lee Blvd. while the Sheet Piling trucks were unloaded. Safety Vests and Flags were provided and used by Flagmen for high visibility.

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



Authorized QC Representative

12/05/94

Date

MINUTES OF SAFETY MEETING

DATE: 12/05/94

TIME: 7:30 AM

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

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Zane Bryant (OOE)
Steve Thomas
Garrett Hill
Mark Conroy

Gregory Jackson
Jerry Justice

TOPICS DISCUSSED:

Reviewed Hazardous Material Safety Data Sheet for Acetylene Gas.

Discussed Safety requirements for working on or near Public Roadways.

COMMENTS:

All workers on or adjacent to Public Roads must wear Orange or

Green Safety Vests with reflective striping for their own protection.

Warning signs should be posted for motorists approaching the work area.

Flagmen will wear Safety Vests, and use flags or signs to stop or re-

direct traffic. Workers should never turn their back on moving vehicles.

Pete Tassan

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
28

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

DATE
Friday
02 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE	
MINIMUM 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 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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Canal RIVER STAGE	
FEET 2.60'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-16 hrs	SKILLED 1-8 hrs	LABORERS 4-32 hrs	TOTAL 7-56 hrs
-------------------------	--------------------	----------------------	-------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1530 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. - CLEARING; SURVEYS
- b. _____
- c. _____

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

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 01 Dec 94.

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

Minor progressive work scheduled and performed this date by B&K. See attached CQC Report.

* Corrected due to an error in calculations.

PERCENT PROJECT COMPLETE: 3.9%

DATE SET FOR COMPLETION: *19 Mar 96

PERCENT TIME ELAPSED: 18.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

CLEARING: No instructions issued.

SURVEYS: No instructions issued.

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

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

CLEARING: Observed laborers with chain saw and bush-ax cutting down small trees on the F/S of existing floodwalls between approx. West B/L Sta's 70+35 and 77+35. No debris was removed from site this date.

SURVEYS: Observed B&K's Surveyor traversing the East Baseline, between approx. East B/L Sta's 85+54.63 and 99+96.67. Surveyor also set in W/L P.I.'s in this area.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

NOTE: Contractor (B&K) is expecting delivery of three (3) truck loads of CZ-101 X 26'-9" steel sheet piles on Monday, 05 Dec 94. Reminded CQC Rep., M. Tassin that as of this date, his proposed sheet piles have not been approved for use on this project. Mr. Tassin said he is aware of this.

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



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

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

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

Checked and found operator of chain saw to be wearing leather chaps, hard hat, gloves, safety glasses and hearing protection.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  E. D. BRYANT JR.	DATE 06 DEC 94	SUPERVISOR'S INITIALS 	DATE 12/9/94
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/02/94

REPORT NO: 45

SKIES: Partly Cloudy

RAIN: 0 IN.

TEMP: 48 MIN 68 MAX

DUST: None

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(2.6)

WORK PERFORMED/LOCATION

B & K Construction - Laborers cleared trees between the water's edge and the existing Floodwall on the West Bank from B/L Station 70+35 to B/L Station 77+35.

Survey Crew - continued Traversing and Referencing the East B/L. Also set B/L Points at Wall Line P.I. Stations for layout of I-Wall.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Clearing work (See Stations Above); B/L Traverse and Referencing.
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

N O E Q U I P M E N T U S E D T O D A Y !

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	0	-
Komatsu D37P Dozer	-	No	0	0	-
Kubota Excavator	-	No	0	0	-
Case 580 Backhoe	-	No	0	0	-
Koehring 535 Crane	-	No	0	0	-
MKT Vibro Hammer	-	No	0	0	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected cleaned area - all trees were cut down between the water's edge and the existing Floodwall. Very little brush or close growing vegetation found in this area. No cleared debris was removed from the site yet. No grubbing work performed yet.

Mr. H.B. Kenyon sent a letter to Mr. Lee Wilczynski with SKYLINE STEEL CORP. releasing delivery of 112 pieces of CZ 101 Steel Sheet Piling, in accordance with U.S. C.O.E. plans and specifications. The Sheet Piling requested are for the East B/L Station 119+02.30 to Station 102+67.72, and must meet all acceptance requirements of the Corps of Engineers prior to delivery to the site of work.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked the traffic signs on Robert E. Lee. All signs were in place and corresponding to our approved Traffic Plan. We are expecting Sheet Piling delivery trucks on Monday at Robert E. Lee Blvd.

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

Jerry Justice
Authorized QC Representative

12/02/94
Date

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
27

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

DATE Thursday
01 December 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50 %	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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TEMPERATURE	
MINIMUM 48°	MAXIMUM 62°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE	
FEET 2.60'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	NUMBER OF SHIFTS			
2-16 hrs	1-8 hrs	4-32 hrs	7-56 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M

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. - CLEARING; SURVEYS
- b. _____
- c. _____

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

See attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 01 Dec 94.

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

Minor progressive work was performed by B&K this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 20 MARCH 1996

PERCENT PROJECT COMPLETE: 3.7%
PERCENT TIME ELAPSED: 18.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

CLEARING: No instructions issued.

SURVEYS: No instructions issued.

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

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

CLEARING: Observed laborers using a chain saw and bush-ax to cut down small trees and brush on the floodside of the existing floodwall, between approx. East B/L Sta's 70+15 and 76+75. No other work performed this date.

SURVEYS: Contractor survey party began traversing and referencing East Baseline, between approx. East B/L Sta's 69+15.97 and 84+71.30.

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

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

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor is still awaiting information from Casteel, Inc. on the proposed steel sheet piles. Sheet piles have not been approved as of this date.

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



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

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

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

Checked and found that chain saw being used this date, has an automatic chain brake, and the idle speed is adjusted so that when engine is idling the chain does not move.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE B. BRYANT JR.	DATE 02 Dec 94	SUPERVISOR'S INITIALS 	DATE 12/2/94
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 12/01/94

REPORT NO: 44

SKIES: Clear

RAIN: 0 IN. TEMP: 48 MIN 62 MAX

DUST: None

LEVEE CONDITION: Wet AM NOISE: Minimal

(CANAL GAUGE)
(2.6)

WORK PERFORMED/LOCATION

B & K Construction - Laborers cleared trees on the East Bank between the water's edge and existing Floodwall from B/L Station 76+75 to Station 70+15. Still too wet for any Temporary Access Road surfacing work.

Survey crew worked on traversing the East Baseline and referencing on the Baseline Monuments on the East & West Baselines. Began setting B/L Points for layout of the Wall Line.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Clearing work, Survey Control work; Control Line Layout and Referencing
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

NO EQUIPMENT USED TODAY:

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	0	-
Komatsu D37P Dozer	-	No	0	0	-
Kubota Excavator	-	No	0	0	-
Case 580 Backhoe	-	No	0	0	-
Koehring 535 Crane	-	No	0	0	-
MKT Vibro Hammer	-	No	0	0	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected clearing work performed today. All trees were cut down (but not removed) between the edge of the water and the existing Sheet Pile Wall. Very little brush or close growing vegetation found in this area. No grubbing work done yet, here or any area.

JOB SAFETY
(Note inspection, violations/actions taken)

Replaced the "KEEP OUT" signs that had blown off of Safety Fence in areas that we worked today.

Chain Saw operators inspected their saw and Safety Equipment today. No defects observed in Safety Equipment (Chaps, Hard Hats, etc.); all guards were in place and working on Chain Saw.

QUALITY CONTROL REPORT

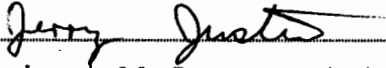
REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

Still waiting on Steel Sheet Piling approval before we can start work as planned. The Mandeville Office Personnel are still working on getting all the submittal information from the supplier and manufacturer.

Cox Cable came to the job at our request today. Trucks and equipment can not get under the cable lines as they are now. Cox Cable said they will raise the lines at Mirabeau as much as possible.

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



Authorized QC Representative

12/01/94

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
26

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

DATE Wednesday
30 November 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Partly Cloudy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50%	BORROW EXCAVATION 50%	EMBANKMENT 50%	CONCRETE 50%	STRUCTURE 50%
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TEMPERATURE	
MINIMUM 48°	MAXIMUM 62°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)
 See "Controversial Matters" on reverse side of this QA Report.

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
2.50'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-16 hrs	1-8 hrs	4-32 hrs	7-56 hrs	0700 M	1530 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CLEARING; SURVEYS
- b. _____
- c. _____

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

See attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 28 & 29 Nov 94.
 50% of day lost due to adverse weather/wet ground conditions on 30 Nov 94.

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

Minor progressive work performed by B&K this date. See attached CQC Report for details.

* Date Set for Completion and % Time Elapsed revised

due to 41 day time extension by Mod #P00002, CIN-05. PERCENT PROJECT COMPLETE: 3.7%

DATE SET FOR COMPLETION: *20 MARCH 96 PERCENT TIME ELAPSED: * 18.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

CLEARING: No instructions issued.

SURVEYS: No instructions issued.

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

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

CLEARING: Observed laborers using chain saws and bush knife to cut down small trees and brush on the floodside of the existing floodwall, between approx. East B/L Sta's 76+75 and 84+50.

SURVEYS: B&K's Surveyor continued traversing the West Baseline, and setting off-set reference points this date.

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

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

SCE, D. Duhon, via phone conversation, informed Contractor that documents submitted for the steel sheet piles that are proposed to be used on this project, were insufficient to prove compliance with all contract requirements.

CONTROVERSIAL MATTERS IN DETAIL

Received 1-copy of Mod #P00002, CIN-05, dated 21 Nov 94, this date. This mod is for the relocation of the Staging Area from Pratt Drive Park to the east side of Pratt Drive, between Robert E. Lee Blvd. and Leon C. Simon Blvd.. Contractor was granted a 41 calendar day time extension, and additional funds totaling \$15,004.19, for this modification, that was added to Pay Item #01, Mobilization and Demobilization.

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

NONE

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Checked and found chain saw operators wearing hard hats, safety footwear, leather chaps, safety glasses, and hearing protection, while operating chain saws.

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

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant
ZANE D. BRYANT

DATE

01 Dec 94

SUPERVISOR'S INITIALS

gw *M*

DATE

12/1/97

DATE 11-30-94

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Checked Iowa access roads
near Filmore + Mirabeau Ave. All the
areas were scarified, stripped of vegetation
+ crushed concrete placed on top of the
geotextile fabric. No other work was
performed.

Instructions to COC/Remarks: Informed CQC rep M.K.
Tassin that the information on the sheet piling
was insufficient + that there were many inconsistencies
on the reports that were furnished to us. A
letter was being sent to them explaining these
factors + that the sheet piling was unacceptable
until the proper documents were furnished.

Chunf Wagner Proj Engr
Name Title

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

DATE: 11/30/94

REPORT NO: 43

SKIES: Clear

RAIN: 0 IN. TEMP: 48 MIN 62 MAX

DUST: None

LEVEE CONDITION: Wet NOISE: Minimal

(CANAL GAUGE)
(2.5)

WORK PERFORMED/LOCATION

B & K Construction - Laborers cleared small trees on the East Bank from B/L Station 84+50 to Station 76+75 between the water's edge and the existing floodwall. Also built the Project Bulletin Board and posted required literature at the job trailer.

Survey crew worked on referencing the West Baseline Monuments so that control lines can be re-established after levee degrading on the wall line layout and off set lines.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Clearing work, Survey Control work; Project Bulletin Board Construction
1	Skilled	8	"	" " " "
1	Supt.	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the cleared area on the flood side of existing Sheet Pile Wall between Filmore Ave. and Mirabeau Ave. All trees were cut down, but not removed from the site of work yet. No grubbing work has been performed yet. Very few bushes or brush were found in this area.

JOB SAFETY
(Note inspection, violations/actions taken)

We held our weekly Safety Meeting today. The minutes are attached to this report.

Laborers clearing trees with a Chain Saw wore their Hard Hats, Leg Protection, and Eye Protection as a minimum. Ear Plugs were made available to them as well.

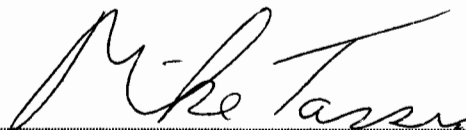
QUALITY CONTROL REPORT

REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

Still no approval received on the Steel Sheet Piling material yet. The Corps of Engineers', Mr. Dennis Duhon, again stated that the documents submitted were not sufficient to prove compliance with all contract requirements. B & K Construction's, Boone Kenyon, is exploring alternative methods of proving compliance, such as material testing by an Independent Laboratory.

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



Authorized QC Representative

11/30/94

DATE

MINUTES OF SAFETY MEETING

DATE: 11/30/94

TIME: 7:30 AM

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

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Mike Conneally
Steve Thorne
Zane Buzant (COE)

Garry J. Lee
Gary Jackson

TOPICS DISCUSSED:

Sheet Piling cut off work. Reviewed Job Hazard Analysis for this feature of work.

Discussed Safety requirements for cutting, welding, burning, and lifting Steel Sheet Piling.

COMMENTS:

This topic will be reviewed again with the sub-contractors present at the Preparatory Meeting for this phase of work.

R. P. Tassin

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

25

TO Area Engineer,
CELMN-CD-NO

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

DATE Tuesday
29 November 1994

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Cloudy & Cool with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
50°	58°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? See "Controversial Matters" on QAR #01, dated 27 Sep 94.

NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
1.90"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
2.40'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-8 hrs	0-0 hrs	0-0 hrs	2-8 hrs

FROM	TO	FROM	TO	FROM	TO
0700 M	1100 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - No Work This Date.
- b. _____
- c. _____

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

See attached CQC Report for reasons on no work this date.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 28 & 29 Nov 94.

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

No progressive work was performed this date, due to heavy rainfall this date.

DATE SET FOR COMPLETION: 07 FEB 96

PERCENT PROJECT COMPLETE: 3.40%

PERCENT TIME ELAPSED: 19.40%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended this date, due to no work being performed by contractors due to adverse weather conditions.

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

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

ENVIRONMENTAL PROTECTION: Checked along silt fences on both sides of the canal, between approx. B/L Sta's 70+50 and 119+50, for signs of fill material penetrating silt fence. No fill material penetrated silt fence this date.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL.

See QAR #01, dated 27 Sep 94. A modification is presently being processed at NOD.

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

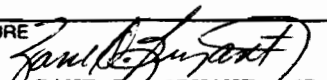
GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found all equipment on site to be properly secured.

No safety infractions were noted this date.

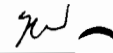
INSPECTOR'S SIGNATURE


ZANE D. BRYANT, P.E.

DATE

30 Nov 94

SUPERVISOR'S INITIALS



DATE

12/1/99

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 11/29/94

REPORT NO: 42

SKIES: Cloudy/Rain

RAIN: 1.9 IN.

TEMP: 50

MIN 58

MAX

DUST: None

LEVEE CONDITION: Wet

NOISE: None

(CANAL GAUGE)
(2.4)

WORK PERFORMED/LOCATION

B & K Construction - No work performed due to heavy rain and wet soil on the Levee. Quality Control work was done for 1/2 of today: reviewed plans for Control Line Layout and referencing; worked on Field Notes for work done on 11/28/94.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
1	Supt.	4	B & K	Q.C. Reports, Survey Book Work, etc.
1	Q.C. Rep.	4	"	" " "

QUALITY CONTROL REPORT
EQUIPMENT

NO EQUIPMENT USED TODAY TOO WET

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	0	-
Komatsu D37P Dozer	-	No	0	0	-
Kubota Excavator	-	No	0	0	-
Case 580 Backhoe	-	No	0	0	-
Koehring 535 Crane	-	No	0	0	-
MKT Vibro Hammer	-	No	0	0	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Silt Fence for any signs of erosion. No levee soil made it past the Silt Fence, and no run-off from the levee affected any adjacent property.

JOB SAFETY
(Note inspection, violations/actions taken)

Checked fire extinguishers at the two office trailers. Both were found fully charged and easily accessible.

QUALITY CONTROL REPORT
REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

Mr. Dennis Duhon requested more information on the proposed Steel Sheet Piling material. He stated that the information submitted was not sufficient to prove compliance with the A.S.T.M. A 572 GRADE 50 requirements.

Mr. Mike Tassin will follow up by requesting further information from the material manufacturer.

I certify to the best of my knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.



Authorized QC Representative

11/29/94

DATE

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
24

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Saturday thru Monday
19 thru 28 November 1994

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
See attached CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100/0 %	BORROW EXCAVATION 100/0 %	EMBANKMENT 100/0 %	CONCRETE 100/0 %	STRUCTURE 100/0 %
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MINIMUM 52°	MAXIMUM 78°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)
See "Controversial Matters" on QAR #01, dated 27 Sep 94.

21.6 INCH HOUR PRECIPITATION
INCHES 28 Nov 0.35" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 1-8 hrs	LABOR
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FEET 1.70' to 2.30'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 2-56 hrs	SKILLED 1-32 hrs	LABORERS 4-112 hrs	TOTAL 7-200 hrs	FROM 0700 M	TO 1530 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - CLEARING; TEMPORARY ACCESS ROAD
- b. Southeast Erosion Control - NO WORK THIS PERIOD.
- c. Gill's Crane Service, Inc. - NO WORK THIS PERIOD.

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

See the attached CQC Reports for details of work performed during this period.

Days of no work and reasons for same:

100% of day lost due to averse weather/wet ground conditions on 28 Nov 94.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor progressive work was performed by B&K on 21, 22 & 23 Nov 94. No work was performed by SEC or Gill this period. See attached CQC Reports for details of work performed this period.

DATE SET FOR COMPLETION: 07 FEB 96

PERCENT PROJECT COMPLETE: 3.4%
PERCENT TIME ELAPSED: 19.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases were attended during the period of 19 thru 27 Nov 94. No QAR on-site.

The following CQC Inspection Phases were attended on Mon., 28 Nov 94:

- CLEARING: No instructions issued.
- TEMPORARY ACCESS ROADS: No instructions issued.
- SURVEYING: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed on Mon., 28 Nov 94:

CLEARING: Checked and found that contractor personnel had performed clearing of the F/S of the existing floodwalls, between approx. East B/L Sta's 85+50 and 100+00, and between approx. West B/L Sta's 85+90 and 93+50. Cut-down all small trees and brushes.

TEMPORARY ACCESS ROADS: Noticed that contractor had placed filter fabric and crushed concrete on the existing levee crown, between approx. East B/L Sta's 70+00 and 76+00 and also between approx. East B/L Sta's 103+00 and 119+00. This work was performed on 22 and 23 Nov 94.

SURVEYING: Observed Contractor's Survey Party Traversing West Baseline, between approx. West B/L Sta's 69+40.25 and 119+78.50.

QUALITY CONTROL: Contractor is providing adequate quality control this period.

NOTE: No QA Inspections were performed during the period of 19 thru 27 Nov 94, due to no QAR on-site.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

See QAR #01, dated 27 Sep 94. A modification is presently being processed at NOD.

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

NOTE: Contractor was shut-down during the period of 24 thru 27 Nov 94, in observance of the Thanksgiving Holiday.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~date~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7 hrs. (11/28/94)	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Noted personnel on-site wearing hard hats and safety footwear on Mon., 28 Nov 94.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE

Zane D. Bryant
ZANE D. BRYANT,

DATE

29 Nov 94

SUPERVISOR'S INITIALS

yu

DATE

11/30/94

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 11/28/94

REPORT NO: 41

SKIES: Cloudy

RAIN: 0.35 IN. TEMP: 52 MIN 65 MAX

DUST: Minimal

LEVEE CONDITION: Wet/AM NOISE: None

(CANAL GAUGE)
(2.3)

WORK PERFORMED/LOCATION

No work scheduled or performed for 11/24, 11/25, 11/26 or 11/27/94 in observance of the Thanksgiving Holiday.

Rain shower at 7:00 AM today prohibited any work on the Temporary Access Road. We started work on the West Baseline Traverse and referencing. Also worked on the office trailers doing minor fix-up and repair to both trailers.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	16	B & K	Survey/Control Line Work
1	Skilled	8	"	" " "
1	Supt.	8	"	" " "
1	Q.C. Rep.	8	"	" " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Began traversing the West Baseline Monuments from Robert E. Lee Blvd. to Mirabeau Avenue. Field Notes will be furnished to Inspector Zane Bryant tomorrow. Referencing of West B/L started today, but not completed.

No other work performed today.

JOB SAFETY

(Note inspection, violations/actions taken)

Wore Hard Hats while on the jobsite. Checked "KEEP OUT" signs at Safety Fence - a few have blown off of the fence with the high winds on Sunday. We will replace them or re-attach them as soon as possible.

QUALITY CONTROL REPORT

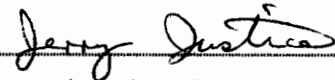
REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

Still waiting on approval of Steel Sheet Piling material. The Corps of Engineers technical engineers are reviewing the information submitted by B & K Construction.

We are requesting a 100% Lost Day for today, due to wet soil on the Levee this morning.

I certify to the best of my knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.



Authorized QC Representative

11/28/94

DATE

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 11/23/94

REPORT NO: 40

SKIES: Clear

RAIN: 0

IN:

TEMP: 52

MIN

68

MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(2.0)

WORK PERFORMED/LOCATION

B & K Construction - Placed Crushed Concrete on Temporary Access Road from Station 112+00 to Station 103+00 East B/L and from Station 70+00 to Station 76+00 East B/L. Geotextile Fabric was placed between Levee soil and Crushed Concrete material.

Laborers cleared small trees from East B/L Station 89+00 to Station 100+00, between the water's edge and the existing Floodwall.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Temporary Access Road & Clearing work (See Stations Above)
1	Skilled	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "
1	Supt.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	Yes	2	6	-
Case 580 Backhoe	-	Yes	6	2	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received 50.47 Tons of Crushed Concrete Surfacing Material for
Temporary Access Road.

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected Temporary Access Road work performed today. Found the grass removed from Levee Crown, Geotextile fabric placed over Levee Crown soil, and Crushed Concrete material spread in a +/- 2" layer.

Inspected cleared area on the East Bank (See Stations on Page 1). There is still plenty of brush, bushes, and close growing vegetation remaining here that can't be cut with a Chain Saw. This material will be piled up by a Dozer or Backhoe and removed from the site later. None of the materials from clearing operation have been disposed of yet. No grubbing work has been done yet.

JOB SAFETY

(Note inspection, violations/actions taken)

Flagmen stopped traffic while Dump Truck entered and exited the jobsite at Robert E. Lee Blvd. and Filmore Avenue. Laborer's wore Chaps, Eye Protection, and Ear Protection while operating the Chain Saw.

Operator made a Safety Inspection of the Case 580 Backhoe before operating it today. Equipment was found to be in good working condition. Reverse alarm was working, and a fire extinguisher was on board while being used.

QUALITY CONTROL REPORT

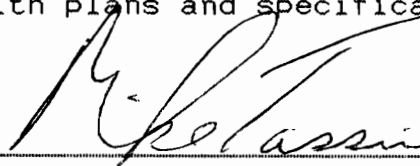
REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

No work is scheduled for Thursday through Sunday of this week,
due to the observance of Thanksgiving Holiday.

Sheet Pile material information (Supplied by SKYLINE STEEL CORP.)
will be reviewed by the Corps of Engineers on Monday of next week to
see if it conforms to the ASTM-A-572 GRADE 50 requirements.

I certify to the best of my knowledge that this report is complete
and correct; and that all work methods, materials and equipment are
in compliance with plans and specifications except at noted.



Authorized QC Representative

11/23/94

DATE

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 11/22/94

REPORT NO: 39

SKIES: Clear

RAIN: 0

IN:

TEMP: 54

MIN 71

MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.9)

WORK PERFORMED/LOCATION

B & K Construction - Laborers cleared small trees and brush between the existing floodwall and the water's edge on the East Bank from B/L Station 85+50 to Station 89+00. Operator used Case 580 Backhoe to help spread crushed concrete material on levee crown for Temporary Access Road from East B/L Station 119+00 to Station 112+00.

Survey Crew marked B/L Stations on existing floodwall at all remaining locations. Entire jobsite is now marked off by 100' Stations, both East and West Banks.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Temporary Access Road & Clearing work (See Stations Above)
1	Skilled	8	"	" " " "
1	Q.C. Rep.	8	"	" " " "
1	Supt.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	No	0	8	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	Yes	8	0	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received 20.5 Tons of Crushed Concrete Surfacing material for
Temporary Access Road.

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the area cleared on the East Bank of the Canal from Station 85+50 to Station 89+00. Not as many trees existed in this area, but more bushes and close growing vegetation were found. The clearing work done today consisted of cutting down trees and large bushes only. The remaining vegetation could not be cut with a Chain Saw, and will have to be pushed into piles with a Dozer later. No cleared materials have been disposed of yet, and no grubbing work done yet.

JOB SAFETY
(Note inspection, violations/actions taken)

Held weekly Safety Meeting today. The Job Hazard Analysis' for "Clearing & Grubbing" and "Pedestrian Bridge Demolition" were reviewed. The minutes of the meeting are attached to this report.

Operator made a Safety Inspection of the Case 580 Backhoe before operating it today. Equipment was found to be in good working condition. Reverse alarm was working, and a fire extinguisher was on board while being used.

QUALITY CONTROL REPORT

REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

Upon investigating the Baseline Monuments, it has come to my attention that some of them no longer exist. (Due to recent construction North & South of this contract's limits.) The monuments not located were: West B/L Stations 125+84.42 / 121+07.42 / 128+87.93 / 69+40.25 / and East B/L Stations 69+15.97 / 128+92.21.

I have not been able to look for the Monument on the East B/L at 100+43.44, yet. I will try to get into the Pumping Station #4 fence and locate this Monument.

I certify to the best of my knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice
Authorized QC Representative

11/22/94
DATE

MINUTES OF SAFETY MEETING

DATE: 11/22/94

TIME: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Mike Corneault
Gregory Tassin
Steve Thorne

Larry J. Lee

TOPICS DISCUSSED:

Reviewed the Job Hazard Analysis for Clearing & Grubbing and Pedestrian Bridge Demolition. Discussed proper protective gear required for each of these features of work. Instructed employees to wear Chaps, Safety Glasses, and Ear Plugs while using the Chain Saw.

COMMENTS:

Supt. Mike Tassin stated that accidents happen off the job as well as on the job. For your own personal safety, employees should practice safety habits at ALL times, at home and at work.

Mike Tassin

CONTRACTOR'S SUPERINTENDENT

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 11/21/94

REPORT NO: 38

SKIES: Clear

RAIN: 0

IN:

TEMP: 58

MIN 78

MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.7)

WORK PERFORMED/LOCATION

Laborers cleared small trees & brush on the West Bank from Sta. 93+50 TO Sta. 85+90. Dozer operator prepared levee crown for Temporary Access Road surfacing material from Prentiss St. Staging Area to Robert E. Lee Blvd. on the West Bank.

Received 5 rolls of Geotextile Fabric - Unloaded MKT V5 Vibro Hammer.

No work scheduled 11/19/94.

No work scheduled 11/20/94.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Clearing brush & debris (Sta. 93+50 to Sta. 85+90)
1	Skilled	8	"	Temp. Access Road Preparation north from Prentiss to Robert E. Lee
1	Supt.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	Yes	1	7	-
Komatsu D37P Dozer	-	Yes	7	1	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-
MKT Vibro Hammer	Arr	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

Received 5 rolls of Geotextile Fabric for use in constructing
Temporary Access Road.

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

The levee crown was degraded to elevation 4.0 for Temporary Access Roadway from the Prentiss St. Staging Area to Robert E. Lee Blvd. on the West Bank. Prepared to receive crushed concrete on the East Bank Access at Robert E. Lee Blvd. South on 11/22/94.

Brush and debris that was cleared was left to defoliate and will be hauled off and disposed at a later date.

JOB SAFETY

(Note inspection, violations/actions taken)

Reminded workers about watching their language while working in close proximity with the neighbors, and to make sure and use the temporary toilet facilities provided and not to use the surrounding trees and shrubs.

Operator inspected his equipment (D37P Dozer) prior to starting. Fire extinguisher was on board and fully charged, back-up alarm was working.

Chain Saw Operator wore Chaps to protect his legs.

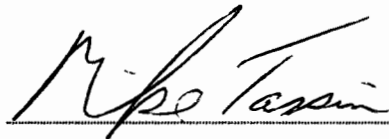
QUALITY CONTROL REPORT

REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

The Sheet
Piling Mill Certificates and Coil Reports will be further reviewed
as to their compliance with the specifications (C2G-8.1.1.2) ASTM A
572 GRADE 50 - For 2 more days and then a determination will be made.

I certify to the best of my knowledge that this report is complete
and correct; and that all work methods, materials and equipment are
in compliance with plans and specifications except at noted.



Authorized QC Representative

11/21/94

DATE

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

23

TO Area Engineer, COPY TO: C/Const. Div.
CELMN-CD-NO CELMN-CD

DATE Friday
18 November 1994

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.
1905 Highway 59, Mandeville, La. 70448

WEATHER
Clear & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE	
MINIMUM 56°	MAXIMUM 75°

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)
See "Controversial Matters" on QAR #01, dated 27 Sep 94.

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-4 hrs	1-4 hrs	

FEET	TIME
1.70'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
1-8 hrs	1-8 hrs	4-32 hrs	6-48 hrs	0700 M	1530 M	M	M	M	M

FEET	TIME
1.70'	0800 M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - TEMPORARY ACCESS ROAD; CLEARING
- b. _____
- c. _____

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

See the attached CQC Report for details of work performed this date.

Days of no work and reasons for same:

No delays have been incurred so far this month by contractors, due to inclimate weather.

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Minor progressive work was scheduled and performed by B&K this date. No work was performed by SEC or Gill's Crane Service this date. See attached CQC Report.

DATE SET FOR COMPLETION: 07 FEB 96

PERCENT PROJECT COMPLETE: 3.2%
PERCENT TIME ELAPSED: 17.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- CLEARING: No instructions issued.
- TEMP. ACCESS ROAD: No instructions issued.
- SURVEYS: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

CLEARING: Observed laborers continuing to cut-down small trees and brush on the floodside of existng floodwalls, between approx. West B/L Sta's 93+50 and 100+20. All debris was just laid over, and will be removed at a later date.

TEMPORARY ACCESS ROAD: Observed B&K using a D37P dozer to strip grass of the existing levee crown between approx. West B/L Sta's 70+30 and 119+00 +/-.

SURVEYS: Observed survey party running TBM loops on the east side of canal, between approx. East B/L Sta's 69+85 and 80+40. Set new TBM's #3-B, #3-C, #3-D and #4.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL

See QAR #01, dated 27 Sep 94. A modification is presently being processed at NOD.

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

NONE

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	3 hrs.	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked and found back-up alarm working properly on the Komatsu D37P dozer this date.
No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant Jr.
ZANE D. BRYANT JR.

DATE

28 Nov 94

SUPERVISOR'S INITIALS

YW TD

DATE

11/30/94

QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 11/18/94

REPORT NO: 37

SKIES: Clear

RAIN: 0

IN:

TEMP: 56

MIN 75

MAX

DUST: Minimal

LEVEE CONDITION: Dry

NOISE: Minimal

(CANAL GAUGE)
(1.7)

WORK PERFORMED/LOCATION

Laborers cleared small trees & brush on the West Bank from Sta. 100+20 to Sta. 93+50. Dozer operator prepared levee crown for Temporary Access Road surfacing material from Mirabeau to Filmore on the West Bank (Not completed yesterday); and from Filmore to Prentiss Ave. Staging area on the West Bank. Dozer work was started from Prentiss Ave. to Staging area back to Robert E. Lee Blvd., but not completed today.

Survey crew ran TBM Level Loop from Filmore Ave. to Mirabeau Ave. on the East Bank. Set new TMB's every 500' maximum, and tied in to TBM's set by others at Mirabeau. Also marked Stations on existing Floodwall in paint from Filmore to Mirabeau on the East Bank, and from Prentiss to Filmore on the West Bank.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
4	Unskilled	32	B & K	Temp. Access Road Surfacing from Mirabeau Northward (East Bank)
1	Skilled	8	"	" " " "
1	QC Rep.	8	"	" " " "

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	-	No	0	8	-
Komatsu D37P Dozer	-	Yes	8	0	-
Kubota Excavator	-	No	0	8	-
Case 580 Backhoe	-	No	0	8	-
Koehring 535 Crane	-	No	0	8	-

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

QUALITY CONTROL REPORT

INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected area cleared today and found some brush & trees still to be cleared. All cleared materials are yet to be piled up and disposed of. No grubbing work performed at any areas yet.

Temporary Access Road preparation consisted of removal of grass (from levee crown only). The material was drifted to the land side crown then compacted as much as possible.

JOB SAFETY

(Note inspection, violations/actions taken)

Operator inspected his equipment (D37P Dozer) prior to starting. Fire extinguisher was on board and fully charged, back-up alarm working.

Reviewed Chain Saw Safety before clearing work began today. Chain Saw operator wore Chaps to protect his legs. A second man worked with the Chain Saw operator in case of accident.

QUALITY CONTROL REPORT

REMARKS

(Instructions given/taken - Conflicts with plans/
specifications, miscellaneous remarks)

No instructions received today. We are waiting on approval of Steel Sheet Piling materials. Brought Mill Certificate - Coil Reports and other certified paper work to the Corps of Engineers New Orleans area office to be reviewed for approval.

I certify to the best of my knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.



Authorized QC Representative

11/18/94

DATE