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TO Area Eng	ineer,			COPY			nst. Di	v.	DATE		dnesd	ay		
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Mirabeau Av										ACW29-		0079		
CONTRACTOR (Or	hired labor) B d	K Constru	ction	n Comp	any, In	ic.			WEATH		· · · · · ·			`
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		or items of equipment on troit Report (QCR)							of contra	ctor perso	nnei onsit	e .		
CONTRACTOR/SUE	CONTRACTORS A	NO AREA OF RESI	PONSIB	ILITY FOR	WORK PER	RFOF	RMED TODAY	Υ						
B & K C	onst. Co.,	Inc REI	NFOR	CED C	ONCRETE	F	LOODWAL	L: CATHO	ODIC 1	PROTEC	TION			_
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noved new .	sneet piles	TIOM Stage		iica c	0 1,0 0	10	pe or e	AIOCING	case	10,000	•			
Days of no work and			1	ـ ال				h						
No delays	incurred so	rar this n	nonth	ı, due	to adv	er	se weat	ner.						
Information on prog		-		•	-									
Minor progr	ressive wor	k was perfo	rmed	l by B	&K this	da	ate. Se	e attacl	hed Co	QC Rep	ort f	or d	etails	
1	•													:
							PE	RCENT P	ROJEC	T COME	LETE:		8.8%	
DATE SET	FOR COMPLET	CION: 22	MAR	R 96				RCENT T					30.1%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTION	ONS GI	VEN:										
Attended th	ne followin	g CQC Inspe	ectio	n Pha	ses thi	S	date:							
REINFORCED	CONCRETE F	LOODWALL:	No i	instru	ctions	is	sued.							
CATHODIC PI		No instruc												
CAIRODIC PI	COLECTION:	MO THEFT		19 198	ucu.									

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 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 OCR REPORT OR DISAGREEMENTS.

 ${\hbox{NOTE}}\colon$ C. Ashley, D. Duhon, C. Wagner and Z. Bryant of COE met with B. Kenyon and M. Tassin of ${\hbox{B\&K}}$ 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.

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

	GOVERNMENT PERSONNEL	ON SITE	
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
C. ASHLEY	Area Engineer, GM-14	1 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	DATE	SUPERVISOR'S INITIALS	DATE .
Land (Numer)			1 , ,
XINCO Sugar		on L	1 1/2/95
ZANE D. BRYAN JR.	09 FEB 95	/ ~	211111
	<u> </u>		· ·

(Neverse of ENG FORM 2538-2 (CIVIL)

Page 2 of 2 pages

QAR # 63

DATE: Wed. - 08 Feb 95

MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING	L.S.				To Date	
CLEARING & GRUBBING		L.S.	61.2%	-0-	61.2%	61.2%
	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0	-0-	-0-	0.0%
PILING, STEEL SHEET,	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
PILING, STEEL SHEET,	997 SF	997 SF	* 82.82	-0-	*82.82	*8.3%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.3%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
EROSION CONTROL, ALL OVER	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
-						
	PEDESTRIAN BRIDGE DEMOLITION EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT UTILITY MODIFICATIONS TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES EROSION CONTROL, FIRST 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS	PEDESTRIAN BRIDGE DEMOLITION EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT 188 SY UTILITY MODIFICATIONS L.S. TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES EROSION CONTROL, FIRST 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS L.S.	PEDESTRIAN BRIDGE DEMOLITION L.S. EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILLING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING L.S. L.S. CONCRETE SLOPE PAVEMENT L.S. L.S. CONCRETE SLOPE PAVEMENT L.S. L.S. L.S. TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF JULIEAR FEET L.S. L.S	PEDESTRIAN BRIDGE DEMOLITION L.S. L.S. 15.0% EMBANKMENT, SEMICOMPACTED FILL L.S. L.S0- STRUCTURAL EXCAVATION L.S. L.S. 3.5% FRETILIZING, SEEDING, AND BACKFILL FERTILIZING, SEEDING, AND MULCHING BACKFILL L.S. L.S. 3.5% FERTILIZING, SEEDING, AND MULCHING L.S. L.S. 7.0% RZ-10 & PZ-27 SHEET PILING L.S. L.S. 7.0% PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES L.S. L.S0- REDRIVE EXISTING AZ-18 STEEL SHEET PILES L.S. L.S0- PILING, STEEL SHEET, 187,844 SF 187,844 SF 18537.45 PILING, STEEL SHEET, 997 SF 997 SF *82.82 PAINTING L.S. L.S0- REINFORCED CONCRETE FLOODWALLS L.S. L.S. 0.3% CONCRETE SLOPE PAVEMENT 188 SY 188 SY -0- UTILITY MODIFICATIONS L.S. L.S0- TEMPORARY RELOCATION L.S. L.S0- TEMPORARY RELOCATION L.S. L.S0- PERMANENT RELOCATION L.S. L.S0- PERMANENT RELOCATION L.S. L.S0- EROSION CONTROL, FIRST 10,670 LF 10,670 LF 9040 1f EROSION CONTROL, ALL OVER 2,700 LF 2,700 LF -0- RENOSION CONTROL, ALL OVER 2,700 LF 2,700 LF -0- TEMPORARY FLOOD PROTECTION L.S. L.S. 7.0%	PEDESTRIAN BRIDGE DEMOLITION L.S. L.S. 15.0% -0- EMBANKMENT, SEMICOMPACTED FILL L.S. L.S. -0- -0- STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MOLCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES L.S. L.S. -0- -0- REDRIVE EXISTING AZ-18 STEEL L.S. L.S. -0- -0- FILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PZ-23 PAINTING L.S. L.S. -0- -0- REINFORCED CONCRETE FLOODWALLS L.S. L.S. -0- -0- CONCRETE SLOPE PAVEMENT 188 SY 188 SY -0- -0- UTILITY MODIFICATIONS L.S. L.S. -0- -0- TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES TO,670 LINEAR FEET 10,670 LINEAR FEET 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS L.S. L.S. 7.0% -0-	PEDESTRIAN BRIDGE DEMOLITION L.S. L.S. 15.0% -0- 15.0% EMBANKMENT, SEMICOMPACTED FILL L.S. L.S000- STRUCTURAL EXCAVATION L.S. L.S. 3.5% -0- 3.5% FERTILIZING, SEEDING, AND BACKFILL L.S. L.S. 3.5% -0- 3.5% FERTILIZING, SEEDING, AND MULCHING B. AC B. AC -0000- CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER L.S. L.S. 7.0% -0- 7.0% PULL, CLEAN, SALVAGE, & DELIVER L.S. L.S0000- REDRIVE EXISTING AZ-18 STEEL L.S. L.S00000- PILING, STEEL SHEET PILES FILING, STEEL SHEET, 187,844 SF 187,844 SF 18537.45 -0- 18537.45 PILING, STEEL SHEET, 997 SF 997 SF *82.82 -0- *82.82 PAINTING L.S. L.S0000- REINFORCED CONCRETE FLOODWALLS L.S. L.S. 0.3% -0- 0.3% CONCRETE SLOPE PAVEMENT 188 SY 188 SY -0000- TEMPORARY RELOCATION L.S. L.S0000- TEMPORARY RELOCATION L.S. L.S0000- FEEDER LINES LINES L.S. L.S0000- FEEDER LINES LEGNOSION CONTROL, FIRST 10,670 LF 10,670 LF 9040 1f -0- 9040 1f EROSION CONTROL, FIRST 10,670 LF 10,670 LF 9040 1f -0- 9040 1f EROSION CONTROL, ALL OVER 2,700 LF -000- TEMPORARY FLOOD PROTECTION AND COFFERDAMS L.S. L.S. 7.0% -0- 7.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

	Observed presental moving
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	then unlocated Flagmen
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prang. Jasts.	
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instructions to COCRemarks:	lati w B. Kanyon +
M. Tacus to	discuss existing concrata
wall sactions +	that warn' left in the
caral. Continuine	to sweetigeta this mattie.
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<u> </u>	
	Charl Dagner Prij Engr

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	8 & K	I-Wall Form assembly; Stringing out						
5	Skilled	45	11	new CZ-101 Sheet Piling along the						
1	Supt.	10	11	East Bank; Forming Stabilization						
1	Q.C. Rep.	6.5	II	Slab; Installing Cathodic Protect- ion Bond Cables. (See locations above.)						

N9402NQCRPT1A PAGE 1 OF 3

QUALITY CONTROL REPORT _______ EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	char	Yes	έş	2	
Komatsu D37P Dozer		No	0	පි	Yes
Kubota 151 Excavator	100mm	No	0	8	
Case 580 Backhoe	***************************************	Yes	3	5	· mare
Koehring 535 Crane	v to	No	0	6	#un
MKT Vibro Hammer	vane	No	0	8	eau
Kobelco LK 500 Loader	1974	Yes	3	5	4900
Komatsu 300 Excavator	_	No	0	8	
Fiat-Allis MotorGrader	**************************************	Yes	2	6	
Grove 20 Ton Picker	<i>"</i> .	Yes	4	4	
Mantis 3612 Crane	ARR	Yes	4	4	-

TESTS PERFORMED

(as required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

PAGE 2 OF 3

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

Inspected Bond Cables installed for Cathodic Protection on the East Bank today. Cables were exothermicly 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 d correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

02/09/95

Authorized Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

' INSP	ECTORS QU DAILY LOG	ALITY SU	RANCE RI	EPORT (QAR)		THE OCR WILL WITH THE QAR		TO OR FILE	<u>ر</u>
	DAIL! LOC	(ER 415-1-		CIVIL		,	REPORT NUMBER			
TO Area Eng	•		COPY	mo	2 2:		DATE TO	64		
Trea mig			COPY		Const. Di	.V.	11	hursday		
CELMN-CI PROJECT Lake	<u>Pontobortro</u>	in Io on	d Vicinity	T ondo	LMN-CD	no1	CONTRACT NUM	bruary 19	95	
Mirabeau Av								94-C-007	n	
CONTRACTOR (Or						Stalla.	WEATHER	94-0-007		,
CONTINUE TON (OF		ghway 59, i								
		HEDULED DAY SUF			70440		Cloud	y & Cool		_
STRUCTURAL	BORROW	EMBANKMEN			STRUCTURE			TEMPERATU		_
EXCAVATION	EXCAVATION						MINIMUM	MAXIMUM		
100 %	100	<u>* 1 10</u>	00 %	100 %	100	<u>*</u>	36°		55°	
HAC ANYTHING	DEVELOPED ON TH	E WOOK WAICH A	AICHT 4F	3- NO	□ YES (5			HOUR PRECE	MOITATE	
	NGE ORDER OR FIL		MOM E	J k NO	YEŞ (Expla	H1)	INCHES	ENDING		
							Trace		730	М
		VERNMENT EMPLO		T====	T			RIVER STAG	<u>E</u>	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	TIME		
			1-8 hrs	1-8 hrs			0.30'		300	<u>M</u>
	CONTRACTOR'S E		Lagari		NUMBER O		- <u>S</u> 1	<u> </u>	T	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	το	FROM	το	FROM	TO	
2-16½ hrs	5-38 hrs	7-64 hrs	14-114 2	<u> </u>	1730 M	W	<u> </u>	<u></u>	1	м
• <u>B & K C</u>	onst. Co., Crane Servi	Inc REI	NFORCED C	ONCRETE	FLOODWAL	L; STABI	LIZATION S	LAB		
a) Began East I-Wal b) Moved	ED TODAY (Indicates setting for a large setting for a large setting for a large setting for same).	ms for East pprox. East 5 Crane fro	: I-Wall M : B/L Sta' om Robert	onos #15 s 112+67 E. Lee t	33 and #19 7 and 113 to East B	59; Pour +70	ed stabili			
<u> </u>	incurred so									
Progressive scheduled	press of work, causes e work was or performed rformed thi	scheduled a d by Gill,	nd perfor	med by H	3&K only nis date.	See att	ached CQC	Report fo	or detail	ls
וואתב כבת	בטס כטאסו ביי	TON. 22	MAD 06				ROJECT COMP IME ELAPSED		30.3%	
	FOR COMPLET		MAR 96	_	PE	WORNT T	ITE EUNFOEL	<u>'</u>	30.3%	_
	PHASES ATTENDE									
Attended t	he followin	g CQC Inspe	ction Pha	ses this	date:					

ENG FORM 2538-2, Aug 89 (CIVIL)

REINFORCED CONCRETE FLOODWALL: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKE! COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES	I AND CORRECTIVE ACTION OF CONTRACTO	R INCLUDE
The following Follow-Up QA Inspections were perform	med this date:	
REINFORCED CONCRETE FLOODWALL: Observed contractor		
#153, between approx. East B/L Sta's 116+53 and 1		
spraying form oil on forms for East I-Wall Monos of wooden forms for stabilization slabs, between		
approx. elev. +2.00' as required. Inside of stab		
minimum of 4" of concrete to be placed.	and learne was graded to de	.20. 202 00
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 fur		South of the
	•	•
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remain	A	
NONE	rs)	
	·	
CONTROVERSIAL MATTERS IN DETAIL:		
NONE		
INFORMATION MICTORICTORIC OR ACTIONS TAKEN NOT COMEDER IN COR DEPOST O	DISACCETATE .	
NOTE: B&K removed the Unit 1020 Crane from the jo		
MOTE. Buk removed the onit loss state from the j	bare this date.	
Contractor's Quality Control Report (submitted/x	ONXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	te / XXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)		
GOVERNMENT PERSON	NEL ON SITE	
NAMES DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT Const. Insp., GS-07	7 hrs.	QAR
D. Ballari	,	4
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions	from Government personnel Specify corrective	e action taken.)
Inspected Grove RT-58D Cherry Picked (rubber-tire		
this date. Found both to be in very good condition		-
No safety infractions were noted this date.		
	•	and the second s
1		mpt.
INSPECTOR'S SIGNATURE DATE	SUPERVISOR'S INITIALS	DATE /
ZANE D. BRYAN JR. 10 Feb 95	I sw ~	2/13/98
/Kenera of EAS CORN CORN OF THE BRYAD JR. 10 Feb 95		1

QAR #____64

DATE: Thu. - 09 Feb 95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Солдо
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.25
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.45
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.05
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.05
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.05
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.05
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.05
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.05
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.95
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	- 0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.05
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.35
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0	0.05
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.05
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.05
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.75
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.05
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.05
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.05

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 LEVEE 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	8 & K	Assembling, Moving & setting I-Wall						
	4	Skilled	36	,	Forms; Pouring Concrete Stabiliza-						
	1	Supt.	10	l II	tion Slab; Grading Temporary Access						
	1.	Q.C. Rep.	6.5	41	Road. (See locations above.)_						
	1	Skilled	2	GILL'S CRANE	Moving 535 Crane.						
II											

PAGE 1 OF 3

\9402\QCRPT1A

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HR3 USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	3	5	va.v
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator		No	0	ਲ	· · ·
Case 580 Backhoe	-	Yes	4	4	¢ No.
Koehring 535 Crane		Yes	2	6	·
MKT Vibro Hammer	**************************************	No	0	8	ar.
Kobelco LK 500 Loader	- Wester	Yes	2	6	494
Komatsu 300 Excavator		No	0	8	
Fiat-Allis MotorGrader		Yes	2	6	• -
Grove 20 Ton Picker	- per au	Yes	2	6	
Mantis 3612 Crane	www	Yes	5	3	-94 to

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.)

\9402\QCRPT2A PAGE 2 OF 3

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

\9402\QCRPT3A

PAGE 3 OF 3

INSPI	ECTORS QU	ALITY / L	JRANCE R	EPORT	(QA	LR)	$\overline{}$	THE OCR	WILL BE	ATTAC	ED TO O	R FILED
	DAILY LOG	OF CONST		- CIVIL				REPORT NU	MBER			
		(ER 415-1-	3U2)					'	6	2		
TO Area Eng. CELMN-CD	-NO			C	ELM	nst. Di N-CD		04, 05	t., S	un.,	Mon. 8	Tue.
PROJECT Lake	Pontchartra			y, Lond	lon .	Ave. Ca		CONTRACT	NUMBER			
Mirabeau Av						h, Loui	isiana.	DACW	<u> 29-94</u>	-C-00	79	
CONTRACTOR (Or								WEATHER				
		ghway 59, i			70	446		Clear				001
STRUCTURAL	PORTION OF SCH	EDULED DAY SUF			ET	RUCTURE		\$ 410 MP 41 44 4		EMPERA		
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	NUMBER OF GOV	ERNMENT EMPLO						Ŭa	nal R	IXER ST	AGE	
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1-2 hrs.		.m. aug==	1-8 hrs	2-10	hrs		5 01	to 0.3		<u> </u>	0800	<u>u</u>
NUMBER OF (CONTRACTOR'S EN	APLOYEES LABORERS	TOTAL	FROM	т.	NUMBER O	FROM	⊠¹ (Tτο] 2	☐ 3 ROM	TO	
2-40% hrs	6-116 hrs			0700	- 1	1730 M	FHOM M	1			<u>, </u>	м
	t following: (a) Maje htractor's Quality Co							or contractor (er sonne	onsile.		
CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESI	PONSIBILITY FOR	R WORK PE	RFOF	MED TODA	Y					
	onst. Co.,											
						POODWAT	·n					
b Gill's C	<u>Crane Servi</u>	ce, Inc	STEEL SH	EET PI	LES							
c												
WORK PERFORM	ED TODAY (Indicate	location and deser-	plion of warb and	VMed Bala-	10	k perlorment	by prime meter	ir subcontractors	bur latte	r in Table	above 1	
	Mono #157;											
J	L-CZ-101 X 2				•	•					•	
	. East B/L S			TOLIC	466	" OOTHE	.101	_ nall 1.	-e 111	5011	at	
-pptox												
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No delays i	incurred so	far this m	nonth. due	to ad-	ver	se weat	her.					
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Information on prog	ress of work, causes	for delays and ext	ent of delays, Pla	ınt, materiai	i, etc.							····
	sive work so		_						_			
	led and peri	formed on C	06 & 07 Fe	ъ 95,	by l	B&K and	Gill.	See atta	ched	CQC R	eports	
for details	5.			•		DE	יי מינגיני) מיל	מר מביר מ	OMDIT	- יזיחיב	0.00	,
DATE SET	FOR COMPLET	ION: 22	MAR 96					PROJECT C TIME ELAP		rre:	30.09	
	PHASES ATTENDED											
	ed PE's QA			for CQ	C Iı	nspecti	on Phas	es atten	ded b	y PE,	C. Wa	agner
	ing CQC Ins	ection Pha	ses were	attend	ed 1	by QAR.	Z. Brv	ant on Ti	ue	07 Fe	ъ 95:	
i	CONCRETE FI								,			
SHEET PILE	INSTALLATIO	<u>אכ</u> : No ins	structions	s issue	α.							
	•											

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

NONE

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

NONE

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

GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 2 hrs (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	DATE	SUPERVISOR'S INITIALS	DATE .
San Durant)		•	1.1.
	, '	gest	2/13/95
ZANE D BRYANT JR	08 FEB 95		1 27.57.
			,

(Heverse of ENG FORM 2538-2 (CIVIL)

CONTRACT_NO.: DACW29-94-C-00

QAR #___62____

Sat., Sun., Mon. & Tue.

DATE: 04, 05, 06 & 07 Feb 95

MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING	Quan tity L.S.	Quantity	Prev.	Today	To Date	
CLEARING & GRUBBING		L.S.	61.2%	-0-	61.2%	61.2%
	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
	L.S.	L.S.	-0-	-0-	- 0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18489.19	48.26	18537.45	9.9%
PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	0.00	85.60	85.60	8.6%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.3%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0 -	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
	EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, AZ-10 & PZ-27 SHEET PILING CULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT UTILITY MODIFICATIONS CEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES CROSION CONTROL, FIRST O,670 LINEAR FEET EROSION CONTROL, ALL OVER O,670 LINEAR FEET CEMPORARY FLOOD PROTECTION AND COFFERDAMS	EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, AZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT SEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES ROSION CONTROL, FIRST O,670 LINEAR FEET EMPORARY FLOOD PROTECTION AND COFFERDAMS L.S. L.S. 2,700 LF EMPORARY FLOOD PROTECTION AND COFFERDAMS L.S. L.S.	EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, AZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES EXERTIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING L.S. L.S. CONCRETE SLOPE PAVEMENT 188 SY 188 SY TILITY MODIFICATIONS L.S. L.S. CEMPORARY RELOCATION DEFFEDER LINES PERMANENT RELOCATION DEFFEDER LINES CROSION CONTROL, FIRST O,670 LINEAR FEET TEMPORARY FLOOD PROTECTION UND COFFERDAMS L.S. L.S.	EMBANKMENT, SEMICOMPACTED FILL L.S. L.S. GRUCTURAL EXCAVATION AND BACKFILL L.S. L.S. 3.5% ERRILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, ZZ-10 & PZ-27 SHEET PILING CULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES CERTIVE EXISTING AZ-18 STEEL SHEET PILING EDILING, STEEL SHEET, TYPE PZ-22 FILING, STEEL SHEET, TYPE PZ-22 FILING, STEEL SHEET, TYPE PSA-23 PAINTING L.S. L.S. CONCRETE SLOPE PAVEMENT 188 SY 188 SY -0- CEMPORARY RELOCATION DEF FEEDER LINES CROSION CONTROL, FIRST 0.0,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND CONFERDAMS L.S. L.S. -0- CEMPORARY FLOOD PROTECTION AND COFFERDAMS L.S. L.S. -0- CEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S. L.S. C.S. C.S.	L.S. L.S. -0- -0

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Objection personnel tebricating
+ assembling corner angle from & sheats that are
to be used for the trans & Robert . E
Lea Bhd. Observed finisher continuing to
rub + patch I wall surfaces on mono# 157.
Not Burling bring usal to comments
for the required 7 days
7
·
•
Instructions to COCRemarks: Nowa foliay
•
Chang Dagner Proj Engr

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

8 & 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..

AREAS OF RESPONSIBILITY LOCATION/WORK DESCRIPTION NO TRADE HOURS COMPANY 7 Unskilled 64 8 & K Working on I-Wall Form assembly -Loading, hauling, and Unloading Skilled 4 36 9.5 Sheet Piling from the stock pile in Supt. 1 in the yard to the East Bank Levee QC Rep. 9.5 1 from Station 111+62 toward the Prentiss St. Pumping Station patching and rubbing concrete at I-Wall Monolith #157.

CONTRACTOR/SUBCONTRACTORS AND

\9402\QCRPT1A

PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
	Yes	4	4	-
V2-	No	0	8	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	No	0	8	
	Yes	4	4	
	No	0	8	
	No	0	8	V/2
-	Yes	2	6	
	No	O	8	-
	Yes	4	4	
-,,,,,	Yes	9.5	0	-99-
	ARR/DEP	- Yes No -	- Yes 4 - No 0 - No 0 - Yes 4 - No 0 - Yes 2 - No 0 - Yes 2 - No 0	- Yes 4 4 - No 0 8 - No 0 8 - Yes 4 4 - No 0 8 - Yes 2 6 - No 0 8 - Yes 2 6 - No 0 8

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.

\9402\QCRPT2A

PAGE 2 OF 3

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 d correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

To Jassi

02/08/95

Authorized Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

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. 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..

CONTRACT	OR/S	SUBCONTRACTORS	AND
, ADEAC	05	DECOMISTRE IT	,

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

\9402\QCRPT1A

PAGE 1 OF 3

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	negati
MKT Vibro Hammer		Yes	4	4	
Kobelco LK 500 Loader		Yes	2	6	-
Komatsu 300 Excavator		Yes	2	6	4 940
Fiat-Allis MotorGrader	_	No	0	8	1,000
Grove 20 Ton Picker	1 3 4 h	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 $1/2 \times 3 1/2 \times 3/8$ " A-36 Steel) for connection to existing RZ-10 Sheet Piling (See location of tie-in on Page 1).

\9402\QCRPT2A

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 d correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted. · 1986年 中国 (1986年) (19864) (19864) (19864) (19864) (19864) (19864) (19864) (19864) (1

Authorized Q C Representative

Date

02/07/95

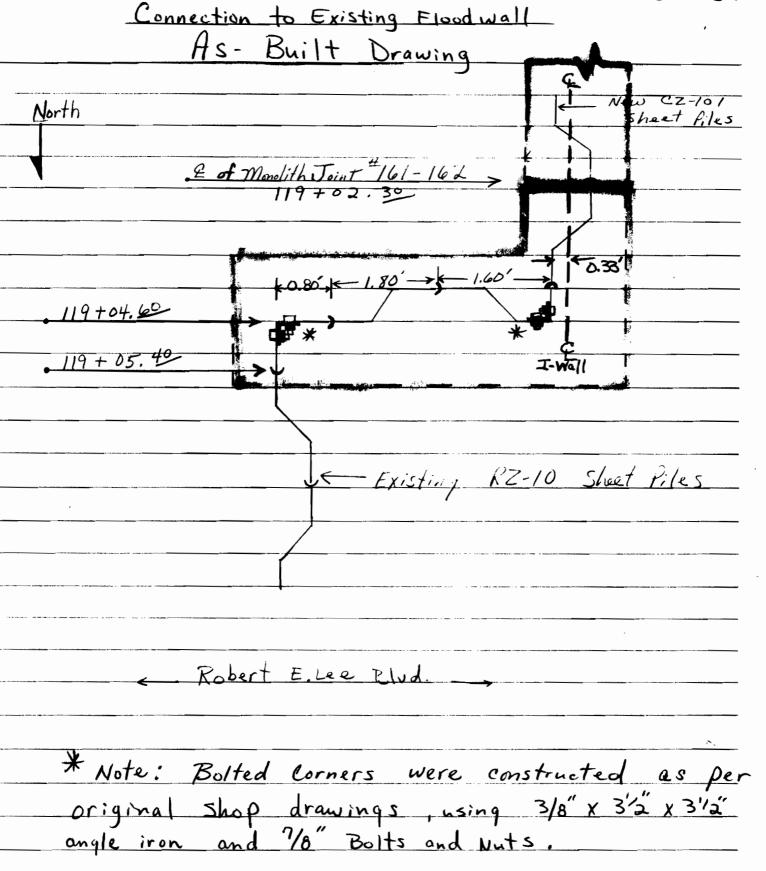
\9402\QCRPT3A

The first of the second second

PAGE 3 OF 3

2-7-95 J.m. Justic

East Bank



B & K CONSTRUCTION MINUTES OF SAFETY MEETING

<u>DATE</u>: 02/06/95 <u>TIME</u>: 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

LONDON AVENUE OUTFALL CANAL	en e
Safety Mee	ting
ATTENDEES 2-6-95	
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B & K CONSTRUCTION

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CO TRUCTION - CIVIL						WITH 1	HE QAR		⊁ED '	ro or Fil	LED			
(ER 415-1-302)								REPORT	NUMBER					
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PROJECT Lake 1	CELMN-CD-NO CELMN-CD PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal, C							CONTRAC			ry	.995		
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CONTRACTOR/SUB	CONTRACTORS AND	AREA OF RESI	PONSIBIL	LITY FOR	WORK PE	RFOR	MED TODAY							
P C V Co	onst. Co., Ir	20 - PFI	TNEOD/	CED C	ONCDETE	זים י	CODLIATI							
							OODWALI							-
b. Gill's C	rane Service	, Inc	STE	EL SH	EEL PIL	ES								-
c <u>Arcadia</u>	Rebar, Inc.	- RESTER	EL IN	STALL	ATION				_					_
WORK PERFORME	D TODAY (Indicate lo	cation and descri	ption of w	ork perior	rmed. Refer t	o work	performed b	y prime and/or	subcontrac	tors buy l	etter in Tab	le abov	•)	
a) Installe	d cathodic p	rotection	ı jump	pers;	rubbed	l &	patched	d surfac	es of	Mono	#157;	Wor	ked o	n
	orms; and bu						_				,			
	w sheet pile													
c) Con't in	stallation o	of resteel	l for	botte	om sect	ion	s of Ea	ast Mono	's #15	51 & #	<i>‡</i> 153.			
Days of no work and	reasons for same:					_								
•	ncurred so f	ar this m	nonth	. due	to adv	ers	e weath	ner.						
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	ess of work, causes fo	•		•										
	work was so		_	erfor	med by	B&K	, Gill,	, and Ar	cadia	this	date.	See	į	
, attached cy	C Report for	details.	•											:
							PE	RCENT PI	ROJECT	COMP	LETE:		8.8%	
DATE SET H	FOR COMPLETIC	ON: 22	2 MAR	96				RCENT T			_	2	29.3%	
COC INSPECTION F	PHASES ATTENDED	AND INSTRUCTION	ONS GIV	EN:										
Attended th	e following	CQC Inspe	ection	n Phas	ses thi	s d	ate:							
	CONCRETE FLO	_								٠				
CATHODIC PR	OTECTION: N	No instruc	tions	s issu	ued.									
	PILES: No	instructi	one	i gguer	d.									
RESTEEL INS	TALLATION:	No instru	ictíoi	ns is	sued.		•	•						

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 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

HOINE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

 $\underline{\text{NOTE}}$: 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.

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
 1 hr.
 PE

 Z. BRYANT
 Const. Insp., GS-07
 7 hrs.
 OAR

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

DATE

SUPERVISOR'S INITIALS

2/10/95

(Fieverse of ENG FORM 2538-2 (CIVIL)

CONTRACT NO.: DACW29-94-C- 0

QAR #_____61___

DATE: Fri. - 03 Feb 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.25
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.09
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.05
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.05
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.05
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	17685.51	803 ⁻ .68	18489.19	9.85
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.05
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.05
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.35
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.05
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.05
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.05
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.75
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2.700 LF	-0-	-0-	-0-	0.07
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.05

Tale

QUALITY ASSURANCE REPORT SUPPLEMENT

QA inspections Performed & F	Results: Inspa	tal 1st	moneloth	
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DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL B & K CONSTRUCTION JOB NO. 9402

DATE: 02/03/95

\9402\QCRPT1A

REPORT NO .: 86

SKIES: Clear - Pt. Cloudy RAIN: Trace IN. TEMP.: 60 MIN 78 MAX

(Very Windy)

PAGE 1 OF 3

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.)

#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						
6 4 1 1	Unskilled Skilled Supt. QC Rep.	48 32 10 9	8 & K " "	Cathodic Protection; Cement Finish- ing; Assembling I-Wall Forms.				
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	- C S C C C C C C C C C C C C C C C C C	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 tack welded to each piece of new CZ-101 Steel Sheet Piling. No Rebar extended through the expansion joints. Reban was cross and free of rust or scale.

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

JOR 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 (\pm 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 at noted.

Authorized of C Representative

02/06/95

Date

V9402 VOCRPT3A

PAGE 3 OF 3

INSPECTORS QUALITY A SURANCE REPORT (QAR) DAILY LOG OF CC. JTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR								
					REPORT NUMBER								
				TO 01		. 5:		DATE		60			
Area Engineer, COPY TO: C/Const. Div. CELMN-CD-NO CELMN-CD						DATE Thursday 02 February 1995							
PROJECT Lake	Pontchartra	in, La. an	d Vicinity	, Londo	n A	Ave. Car	nal,	CONTRA	ACT NUME				$\neg \neg$
Mirabeau Av	e. to Leon	C. Simon B.	lvd., Orle	ans Par	isl	n, Loui	siana.	_		94-C-0	079		
CONTRACTOR (Or		K Construction K Construction				446		11.	WEATHER Clear to Partly Cloudy				
	PORTION OF SCI	HEDULED DAY SUI							TEMPERATURE				
STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100	EMBANKMEN	IT CONCR	100 %	STE	RUCTURE 100	0%	MINIMU	м 54°	MAXIM	UM 72	•	
100 ~	100			100 2						HOUR PR	ECIPITA	ATION	
	DEVELOPED ON TH NGE ORDER OR FI		MIGHT E	NO NO	0	YES (Explai	n)	INCHES	s 0.00"	ENDIN	G 073	0	W
	NUMBER OF GO	VERNMENT EMPLO	YEES							RIVER ST		<u> </u>	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL		LABOR		Canal RWRR STAGE FEET TIME					
1-1 hr.			1-8 hrs	2-9 hr	s				0.60'		080	0	м
	CONTRACTOR'S E		T		_	NUMBER OF	SHIFTS	<u> 😡 1</u>	<u> </u>	□ 3			
SUPERVISORY 2-22 hrs	SKILLED 8-70 hrs	6-60 hrs	16-152	6700 N		o 1730₩	FROM	то	M	FROM	M	то	м
Attach list of the	e following: (a) Ma ntractor's Quality Co	nor items of equipm	ent either idle or	working, and	(b) N	lumber and o	classification	of contrac	ctor persor	vnei onsite.			
CONTRACTOR/SUI													
	onst. Co.,					THODIC	PROTEC	TION;	CONCR	ETE FLO	OODW	ALL	-
b Gill's	<u>Crane Servi</u>	ce, Inc	STEEL SH	EET PIL	<u>ES</u>								_
c Arcadia	Rebar, Inc	RESTE	EL INSTALL	ATION									_
WOOK BEBEOOK	ED TODAY (Indicat		ation of west and	Belevie				booote	salara bus. I	allar in Tabl			
	stab slab,												
	cked I-Wall												
	ew sheet pi						2+69.10						
c) Install	ed resteel	ior East Mo	ono's #151	and #1	53.	•							
Days of no work an	d reasons for same												
	incurred so		month due	to adve	rse	weath	er.						
Information on prog						. C.11	۸ امید			4-4-	Coo		
	e work was QC Report f			med by	Dær	, G111	, and A	rcaqia	tnis	date.	see		
accaenca o	qo kepore r	or decarrs	•										:
}						PE	RCENT E	ROJEC	T COMP	LETE:		8.6%	
DATE SET	FOR COMPLET	TION: 22	MAR 96				RCENT 1			_		9.1%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTION	ONS GIVEN:								-		
Attended the	he followin	g CQC Inspe	ection Pha	ses thi	s d	late:							
REINFORCED	CONCRETE F	LOODWALL:	No instru	ctions	iss	sued.							
CATHODIC PROTECTION: No instructions issued.													
STEEL SHEET PILES: No instructions issued.													
RESTEEL INSTALLATION: No instructions issued.													
								•. •	• • •			•	
									•				

RESULTS OF OA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC 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 OCR REPORT OR DISAGREEMENTS: NONE 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 1 hr. PEZ. 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	DATE		
Saul ILA	JUNIE .	SUPERVISOR'S INITIALS	DATE ,
Jane De State		11.00	2/12/95
	JR. 07 Feb 95	. 9	2/2/43
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QUALITY ASSURANCE REPORT SUPPLEMENT

OA inspections F	Performed & Re	suits: Objective	el parson	21 600	ckmg
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Charle Hagner Proj Engr

CONTRACT NO.: DACW29-94-C-C

QAR #____60

DATE: Thu. - 02 Feb 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	- 0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.3%	0.2%	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	6.7%	0.3%	7.0%	7.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	16524.64	1160.87	17685.51	9.4%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.3%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	^2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	6.7%	0.3%	7.0%	7.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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												
NO	TRADE	HOURS	AREAS OF RESPO										
6 4 1 1	Unskilled Skilled Supt. QC Rep.	60 40 11 11	B & K " " "	Forming & Pouring Stabilization Slab; Wrecking I-Wall Forms: Installing Cathodic Protection Bond Cables; Setting I-Wall Forms. (See locations above.)									
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.)									

\9402\QCRPT1A PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

	······································				
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	3	5	WARF
Komatsu D37P Dozer		No	0	8	
Kubota 151 Excavator	VAMP	No	0	8	-Mayor
Case 580 Backhoe		Yes	4	4	- Species
Koehring 535 Crane	v	Yes	8	0	water
MKT Vibro Hammer		Yes	8	0	1914
Kobelco LK 500 Loader		Yes	2	6	vea-
Komatsu 300 Excavator	-	Yes	Yes 6		***
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.)

\9402\QCRPT2A PAGE 2 OF 3

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

Jerry Justin

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 respresenting 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. Clear-ances 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

8 % 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

Safety Meeting ATTENDEES 2-2-95

Jen Jugtes	
Steve Thorne	
Mile Correand	
Johnson	
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Lugar Tockson	
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1. A. Jofsavel	
Wille Tiller	
Carry J. Cy ele	
Chang Murdeauf	
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Bryan Werdun.	***************************************
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PROJECT Lake		in. La. and	d Vicinity			nal.	CONTRACT NUM	<u>bruary 19</u> BER	95		
	e. to Leon							-94-C-0079	9		
CONTRACTOR (Or	hired labor) B &	K Construc	ction Comp	any, Inc	2.		WEATHER				
		ghway 59, i			70448		Clea	r & Mild			
	PORTION OF SCH	HEDULED DAY SUF	TABLE FOR OPE	RATIONS				TEMPERATU	RE		
STRUCTURAL	BORROW	EMBANKMEN	IT CONCR	ETE	STRUCTURE		MINIMUM	MAXIMUM			
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							FEET	TIME			
1-2 hrs			1-10 hrs	2-12 hr			0.60'		<u>m</u>		
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2-20 hrs							ΤΟ	FROM	το		
						M	<u> </u>	M	м		
Note: If the co	ntractor's Quality Co	ontrol Report (QCR)	contains the info	ormation it nee	d not be repeate	ed					
	onst. Co.,										
b Gill's	Crane Servi	ce, Inc	STEEL SH	EET PILE	s						
- Arcadia	Rebar, Inc	INSTAL	LATION OF	RESTEEL							
WORK BEBEORY	ED TODAY (Indicate	location and descri	ntion of work needs	rmed Balar to	work nectormed b	w combo acciliat	subcontractors him	letter in Table ab	(wa)		
	ms and place										
b) Dagger /	0 07	101 9 261	O" abaat	edles E	' T	. D/T C	tala 112.6	0 +0 112,	5.5		
D) Drove 4	8 pcs of CZ	-101 X 24 -	sneet	piles, E	ast Levee	е, в/ь з	ta's 112+0	9 10 113+	.,,,		
c) Set res	teel for Wa	11 Stem of	Mono #157	and bot	tom reste	eel for	Mono #159,	East Lev	ee.		
Days of no work an	d reasons for same:										
· ·	due to adve	rse weather	/wet grou	nd condi	tions so	far thi	s month.				
1											
information on prod	ress of work, causes	s for delays and exte	ent of delays. Pla	ni majerisi el							
Progressiv	e work was QC Report f	scheduled a	nd perfor			, and Ar	cadia this	date. Se	ee		
	,										
					PE	RCENT PI	ROJECT COME	PLETE:	8.4%		
DATE SET	FOR COMPLET	ION:22	MAR 96				IME ELAPSEI		28.9%		
CQC INSPECTION	PHASES ATTENDE	D AND INSTRUCTION	ONS GIVEN:								
	he followin			ses this	date:						
DEINEODCED	CONCRETE E	- 1.000	No instru	ctions i	gguad						

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 CQC 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 rsults). 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 OCR REPORT OR DISAGREEMENTS:

NOTE: Results of Concrete Testing performed this date are as follows: Slumps = 1-3/4" & $2\frac{1}{4}$ "; Air Entr. = 6.25% & 4.0%; Concrete Temps = 73° & 65° ; Air Temps = 70° .

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

GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 2 hrs.
 PE

 Z. BRYANT
 Const. Insp., GS-07
 9 hrs.
 QAR

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

AND DATE

SUPERVISOR'S INITIALS

DATE

A /7/45

(Heverse of ENG FORM 2538-2 (CNR))

CONTRACT NO.: DACW29-94-C-0

QAR # 59

DATE: Wed. - 01 Feb 95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comm
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.25
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.05
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.05
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.7%	0.6%	3.3%	3.3%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 ·AC	-0-	-0-	-0-	0.05
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-6-7%	-0-	6.7%	6.7%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	14381.49	2143.15	16524.64	8.8%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.0%	0.3%	0.3%	0.35
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0 -	-0-	0.05
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.75
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.05
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-6.7%	-0-	6.7%	6.75
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

FORM CHECK OUT FOR STRITTURES REINTORCED CONCRETE FLOODWALL										
JOB Lake Pontchartrain, Canal, Mirabeau Ave.	to Leon C. Simon	Blvd.	D	ACW29-94-C-0079						
MONOLITH # 157 LIFT	"NO. · ,	from 2.0	00 to /	4,40 DATE OF 2-1	POUR _ 9.5					
	INSPECTED		-	REVIEWED	BY C.O.E	•				
ITEM	NAME	DATE	TIME	NAME	DATE	TIME				
A. SHEET PILING	Qm Q	2-1-95	11:00	343	2-1-95	1300				
VERTICAL		"	11	*/		-				
ALIGNMENT		,,	11		~					
CLEANLINESS		',	"		~					
B. CONCRETE PILING	N/A	10	11	N/4	N/A	11/4				
ANGLE	(,,	10	"	1	"	"				
HEADS	//	11	11	, n	H	11				
C. STAB. SLAB/JOINTS	Qm Q	2-1-9	11:00	ZRB	2-1-95	1300				
CLEANLINESS		11	(1							
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WATERJET (JOINT)	NIA	11	11	N/A	1/4	4/4				
D. STEEL REINFORCING	Ima	2-1-9	811:00	ZAB	2-1-95	1305				
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E. FORMWORK (CONT) ALIGNMENT	9.	in J.		2-1-	-95	11:0	xo		34B	2-1-95	1310
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RELEASING AGENT		\sim				11					
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LENGTH 28.88'						11			~	~	_
WIDTH 21" to 12"						11		٠.	/		_
HEIGHT 12.42'						u ·					·
WATERSTOPS			_	11		11			~		L
CHAMFER STRIPS				"	" "				<u></u>	_	
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1. Safety Glasses	<i>y</i>	/		11		11					v
2. Ladderskaffer 3. Rigging	45	//		"	\dashv	<u> </u>	\dashv			 	
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Komatsu 300	1 6	1 Excavator 2:00									
Concrete Bucket				21							
Concrete Vibrator	2		7:0	00	2%	/2				ļ	

J. REMARKS

SLUMP = 13/4" \ 21/4"; AIR ENTR. = 6,252 \ 42; CONCRETE TEMPS = 23° \ 65°

AIR TEMPS = 75° \$ 75°; 3 Test Cylinders (LA-03)
FINAL CLEARANCE

CONTRACTOR REPRS:

C.O.E. REPRS:

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVIME 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.

Tale

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed &	Results:	Obsar	sed . As	. place	mint
of concrata	for	mono 1	187 (13:	t one pi	lacad).
Concrete was	being	well	urbrated	t wi	trassal
the taking	o f	air 1 S	lump 1	ests. J	Jump
was 2 4" +	arr	was 4	s%. S	ou dentract	in.
•					ns New
5ta. 1/3 + 25.	Lou	al bair	ne wal	1-1/4	heck
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abnument 1	711 01	rsonnel	Wagner	hard 1	hats
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nstructions to COC/Remarks	s:	Nona	Giva	n toler	. ,
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DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL B & K CONSTRUCTION JOB NO. 9402

DATE: 02/01/95

REPORT NO .: 84

SKIES: Clear

\9402\QCRPT1A

RAIN: O IN.

TEMP.: 36 MIN 64 MAX

PAGE 1 OF 3

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 - Redbusters tied Reinforcing Steel at East Bank Mono-lith #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												
		f	AREAS OF RESPO	ONSIBILITY									
- NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION									
6	Unskilled	57	В & К	I-Wall Formwork; Concrete place-									
			Dα Λ	!									
4	Skilled	38	"	ment; I-Wall Form assembly. (See									
1	Supt.	10	**	locations above.)									
1	QC Rep.	10	п										
2	Skilled	10	ARCADIA REBR	Reinforcing Steel Placement. (See locations above.)									
2	Skilled Unskilled	16 8	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)									

QUALITY CONTROL REPORT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	1 remain	Yes	2	6	***
Komatsu D37P Dozer		Yes	2	6	
Kubota 151 Excavator	1999	No	0	8	·
Case 580 Backhoe		Yes	3	5	- 300-
Koehring 535 Crane		Yes	Ŕ	0	
MKT Vibro Hammer		Yes	8	0	
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 300 Excavator	wy.##	Yes	5	3	No. open
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 Levec 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.

PAGE 2 OF 3

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 Protecti9on 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

Date

02/02/95

PAGE 3 OF 3

\9402\QCRPT3A

INSPE	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL										ATTAC	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
	DAILY LOG	OF CUNSTI ER 415-1-3)		· CIVIL			<u></u> -	REPO	RT NUMB							
TO A En e	•		CODY	TO: C/	/Con	at Div		DATE		58 Tuo	sday					
o Area Engi			COPI	- •	/Con ELMN		7.				sday uarv	1995	:			
PROJECT Lake I	Pontchartra:	in, La. and	1 Vicinity				nal,	CONT	RACT NU			4777				
Mirabeau Ave									DACW29	9-94	+-C-00)79_				
CONTRACTOR (Or I								WEA	THER				,			
		ghway 59, h			704	<u>46</u>		C	lear	_						
		EDULED DAY SUIT			T -575			 			EMPERA					
STRUCTURAL EXCAVATION	BORROW EXCAVATION 100	EMBANKMEN		100 %	SIM	100		MINIA	MUM 32°		MAXIM	∪M 58°	,			
100%	100	*	00%	100 %		100	%	+-	32	24 H	OUR PRE	<u> </u>				
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LEAD TO A CHAN	NGE ORDER OR FIN	IDING OF FACT?							0.00	"		<u>07</u> 4	i			
	NUMBER OF GOVERNMENT EMPLOYEES										RINKER ST	AGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL		LABOR		FEE			TIME					
			1-8 hrs	1-8 h					0.80			080	00 <u>w</u>			
	CONTRACTOR'S EM	LABORERS	TOTAL	FROM		NUMBER OF		_10k ¹ T το	<u> </u>		BOM		TO			
SUPERVISORY 2-19 hrs		6-54 hrs	14-125	0700	J 10	1730 M	FROM	'		M	HUM	м	10 M			
				•												
	e following: (a) Majo intractor's Quality Co							of cont	ractor per	rsonne	il onsite.					
CONTRACTOR/SUE	BCONTRACTORS AN	ND AREA OF RESF	PONSIBILITY FOF	WORK PE	RFOR	MED TODAY			_							
	onst. Co.,					-		A LIGHT	т. т г	MDO.	DADV	די חר	שחמת תו			
									111, 11	ITI C	KAKI	г цос	D FROI.			
b <u>Gill's</u>	<u>Crane Servi</u>	.ce, Inc	CUTTING	OFF EX	.1ST1	ING SHE	ET PILE	S								
c .	_	•										_				
WORK PERFORM	ED TODAY (Indicate	a location and descrip	ntion of work perfo	rmed. Refer	to work	nerformed b	v prime and/o	r subcor	ntractors b	ouv lette	er in Table	above	,			
	ral excavat															
#157, E	East Levee;															
114+05.																
	up existing		es approx.	. 3.25'	, th	nen cut	them o	off b	etwee	n a	pprox	. Ea	st B/L			
Days of no work and	11+92 and 1	12+60.				_										
	ys lost due	to advers	e weather,	/wet gr	ounc	d condi	tions c	n 03	3. 13,	23	& 27	Jar	95.			
	ys lost due															
										_						
	ress of work, causes					1.0										
-	ve work was	scheduled	and perior	rmed by	B&K	Cand G	ill thi	.s da	ite. S	ee a	attac	hed	CQC			
Report for	detairs.															
į						PE	RCENT P	DO LE	CT CO	MPT.I	ETE:	-	7 00/			
DATE SET	FOR COMPLET	ION: 22	MAR 96				RCENT T				D.L		7.9% 3.8%			
	PHASES ATTENDED															
	he followin			ases th	is c	date:										
	EXCAVATION		ructions i	_												
	FLOOD PROTE	-	instructi			1.										
	CONCRETE F		No instru													
CULTING OF	FF EXISTING	SHEEL PILE	5: NO THE	structi	ons	Issueu	•									

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 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) CONTROVERSIAL MATTERS IN DETAIL. NONE INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS: NOTE: Contractor intends to place concrete for Mono #157 (1st placement) on Wed., 01 Feb 95. 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.) 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 DATE SUPERVISOR'S INITIALS 2/4/95

02 Feb 95

ANE D BRYANT

(Heverse of ENG FORM 2538-2 (CIVIL)

DNTRACT NO.: DACW29-94-C- 0075

QAR #___58___

DATE: Tue. - 31 Jan 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.7%	-0-	2.7%	2.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	6.1%	0.6%	6.7%	6.7%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	14381.49	-0-	14381.49	7.7%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	² ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	6.1%	0.6%	6.7%	6.7%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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									
4	Skilled	36	"	for I-Wall placement; removing									
1	Supt.	10	"	existing MP-112 Sheet Piling.									
7	QC Rep.	9	III										
2	Skilled	16	GILL'S CRANE	Pulling up & cutting off existing Sheet Piling. (See locations above.)									

\9402\QCRPT1A

PAGE 1 OF 3

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.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected Structural Excavation done today. Elevation at bottom of Excavation was \downarrow 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 & C Representative

02/01/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL								THE OCR WILL BE ATTACHED TO OR FILED WITH THE OAR									
	REPORT NUMBER																
TO Area Eng	ineer.	v.	DATE Sat	<u>57</u>	Sun. & 1	Mon.											
CELMN-CD	Area Engineer, COPY TO: C/Const. Div. CELMN-CD-NO CELMN-CD PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,											28, 29 & 30 Jánuary 1995					
		DACW29		C-0070													
	Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana. CONTRACTOR (Or hired labor) B & K Construction Company, Inc.								WEATHER C1			ool to`					
1905 Highway 59, mandeville, La. 70448 PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS									ear	and Co	01						
STRUCTURAL	PORTION OF SCI	HEDULED DAY S		FOR OPE		ST	RUCTURE		MINIMUM		APERATURE						
EXCAVATION 100%	EXCAVATION 100		00 %	Johnson	100 %	"	100) %	40°	`	58	0					
						_			2	4 HOU	R PRECIPIT	ATION					
	DEVELOPED ON TH NGE ORDER OR FI			12	NO		YES (Explai	ift)	0.00"	6	ENDING 07	30					
	NUMBER OF GO	VERNMENT EMP	LOYEES			_				RW	STAGE	30 <u>m</u>					
SUPERVISORY	OFFICE	LAYOUT		ECTION	TOTAL		LABOR		FEET	-	TIME						
1-2 hrs	CONTRACTOR'S E	MDI OVEES	1-8	hrs	2-10 1	_	NUMBER OF	E SHIETS	1.20'		080 □ 3	00 M					
SUPERVISORY	SKILLED	LABORERS	TOTA	u.	FROM	_	O	FROM	10	FRO		то					
2-19½ hrs	6-52 hrs	5-45 hrs	13-	$116\frac{1}{2}$	0700	м	1730 M	м	м		М	м					
Attach list of the Note. If the co	e following: (a) Ma ntractor's Quality Co	por items of equipontrol Report (QC	ment eith	ner idle or ins the info	working, and ormation it n	(b) f	Number and lot be repeat	classification (of contractor perso	onnel o	nsite.						
CONTRACTOR/SUI	BCONTRACTORS A	ND AREA OF RE	SPONSI	BILITY FOR	WORK PER	RFOF	RMED TODAY	Υ									
a <u>B&KC</u>	onst. Co.,	Inc S	TRUCT	URAL F	EXCAVAT	ION	; CONCR	ETE FLO	ODWALL;								
b. Gill's	Crane Servi	ice, Inc.	- CU	TTING	OFF EX	IST	ING SHE	ET PILE	S								
a.) Struct Mono # 114+05 b.) Pulled	ED TODAY (Indicated ural excavated 151, East Indicated 114+72) up existing the state of the stat	ation betw Levee; and 2. ng RZ-10 p	een E Set iles	ast B/ forms betwee	L Sta's for sta	s 1 abi B/	13+25 a lizatio L Sta's	and 113+ on slab	50; Set fo between Ea	rms st B	for I- 3/L Sta	Wall 's					
Days of no work an	iles between direasons for same:		ь Sta	<u>s 112</u>	c+o∪ and	<u>1 1</u>	13+38.										
100% of da	ys lost due	e to adver															
	ress of work, cause re work was was schedul	not sched	uled	or per	formed	du	Jan 95.	See at	tached CQC	Rep	ort.						
DATE SET	FOR COMPLET	ΓΙΟΝ:2	2 MAR	96					ROJECT COM IME ELAPSE			7.9% 8.6%					
COC INSPECTION	PHASES ATTENDE	D AND INSTRUC	TIONS G	IVEN:													
Attended t	he followin	ng CQC Ins	pecti	on Pha	ases on	Мо	n., 30	Jan 95:									
STRUCTURAL	EXCAVATION	No ins	truct	ions i	issued.												
REINFORCED	CONCRETE I	FLOODWALL:	No	instru	ıctions	is	sued.										
	F EXISTING			No ins	structio	ons	issued	١.									
	FLOOD PROTI								f this Rep	ort.							
	CQC Inspect			e atte	ended oi	n S	at. & S	Sun., 28	& 29 Jan	95 .	No wor	k					

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

 $\underline{\text{NOTE}}$: 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 /nxxxxsubmixxted) for this (xdaxtex/period).

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

GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 2 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	DATE	SUPERVISOR'S INITIALS	DATE
Saul de Din	V2161-1		1,1,5
ZANE D. BRY	AP JR 31 JAN 95	1 W - L	2/(/)
LANE DE DELL	AF 1 JR 7 31 JAN 95	<u> </u>	

CONTRACT NO.: DACW29-94-C-00;

QAR #____57

Sat., Sun. & Mon. DATE: 28, 29 & 30 Jan 95

Item	Description	Contract	Estimated	Placed	Placed	Placed	% Corre
No.		Quantity	Quantity	Prev.	Today	To Date	Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.4%	0.3%	2.7%	2.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	5.0%	1.1%	6.1%	6.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	14381.49	-0-	14381.49	7.7%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	² ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	5.0%	1.1%	6.1%	6.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
:							
		,					
							

QUALITY ASSURANCE REPORT SUPPLEMENT

DA Inspections Performed & Results: Obsarval corportars + laborars
ether well by (let manelith) on sort sula
Also setting & forming up stab slab forms on
ic + side pack Ste: 119+50. Subscont rection
parsonnel were seed pulling up existing short piling + than cutting of to a cl. 6.75. This is being used as temp. Hood protection
piling + than cotting of to a cl. 6.75. This
1. bring used as temp. flood protection
· · · · · · · · · · · · · · · · · · ·
Concrete floolwall Minster to follow.
Charl Hagner Proj Engr

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.

\9402\QCRPT1A

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

PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

	***************************************		***************************************		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	V.20	Yes	2	6	
Komatsu D37P Dozer		Yes	2	6	water
Kubota 151 Excavator		Yes	2	6	- Control
Case 580 Backhoe		Yes	4	4	Nada-
Koehring 535 Crane		Yes	3	5	
MKT Vibro Hammer		Yes	3	5	V15.
Kobelco LK 500 Loader	~	Yes	2	6	- Marie
Komatsu 300 Excavator	V	Yes	3	5	No.
Fiat-Allis MotorGrader		No	0	8	~~~

TESTS PERFORMED
(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

\9402\QCRPT2A PAGE 2 OF 3

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 + 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 at noted.

Authorized Q C Representative

01/31/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

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.

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.

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

Reinforced Concrete Floodwall
Preparatory Inspection
ATTENDEES
1-30-95

Jun Justice BHK Con. 46B-KENYON "" Chris J. WAGNIR EANE BRYANT (COE-QAR) Majorania BEM Construction	

INSPECTORS QUALITY SURANCE REPORT (QAR)									THE OCR WILL BE ATTACHED TO OR FILED						
DAILY LOG OF CONSTRUCTION - CIVIL										WITH THE QAR REPORT NUMBER					
	(ER 415-1-302)													- 1	
TO Area Engineer, COPY TO: C/Const. Div.											56				
TO Area Engi	ineer,			COPY	-		nst. Di N-CD	v.	DATE Friday 27 January 1995						
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Mirabeau Ave		,		•	-			,		ACW29-		079			
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2-10 hrs	0-0 hrs	1-2 hrs	3-1	2 hrs	0700	<u>* </u>	1200 M	<u> </u>		м	<u> </u>	М		- *	
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CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESE	PONSIE	SILITY FOR	WORK PER	EFOF	RMED TODAY								
		Inc No												-	
b Gill's	<u>Crane Servi</u>	ice, Inc	No	Work	This Da	ıte	<u>!</u>							_	
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WORK PERFORME												ie abov	•)		
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Information on progr	ess of work, cause:	s for delays and exte	ent of d	lelays, Plar	nt, material,	etç.									
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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: 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. $\overline{\text{East}}$ B/L Sta's 113+38 and 119+05 (567 1.f.). The existing floodwall remains in-place throughout all other areas of this project. Contractor's Quality Control Report (XSUNDEXXXXXXXI). 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 boom lowered to the ground on the Koehring 535 Crane/Piledriver this date. No safety infractions were noted this date. INSPECTOR'S SIGNATURE DATE SUPERVISOR'S INITIALS

30 JAN 95

ANE D

(Heverse of ENG FORM 2538-2 (CIVIL)

Page 2 of 2 pages

ONTRACT NO.: DACW29-94-C-007

QAR #____56

DATE: Fri. - 27 Jan 95

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	14381.49	-0:-	14381.49	7.7%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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:1.10IN. TEMP.: 58 MIN 68 MAX

PAGE 1 OF 3

\9402\QCRPT1A

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.

1	CONTRACTOR/SUBCONTRACTORS AND									
	AREAS OF RESPONSIBILITY									
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION						
1	Unskilled	3	В & К	No work performed.						
0	Skilled	0	u							
1	Supt.	5	l u							
1	QC Rep.	5	41							
0	Skilled Unskilled	0	GILL'S CRANE							

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	40000	No	0	8	
Komatsu D37P Dozer	- Appel	No	0	8	
Kubota 151 Excavator	***	No	0	8	Neper
Case 580 Backhoe		No	0	8	-
Koehring 535 Crane		No	0	8	Verge
MKT Vibro Hammer		No	0	8	Nove-
Kobelco LK 500 Loader		No	0	8	
Komatsu 300 Excavator	4	No	0	8	· para
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.

\9402\QCRPT2A PAGE 2 OF 3

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

The Preparatory Meeting scheduled for tod y 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

\9402\QCRPT3A

PAGE 3 OF 3

INSPECTORS QUALITY SURANCE REPORT (QAR)						THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR							
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)							REPORT NUMBER						
							55						
TO Area Engi	ineer, -NO		COP	Y TO:	•	onst. Di [.] MN - CD	V.	DATE Thursday 26 January 1995					
PROJECT Lake	Pontchartra	in, La. and	l Vicini	ty, Lo			nal,	CONTRA					
Mirabeau Ave	e. to Leon	C. Simon Bl	lvd., Or	leans :	Pari:	sh, Loui		DA	CW29-	94-C-0	079		
CONTRACTOR (Or								WEATHE					,
		ghway 59, i ÆDULED DAY SU⊓				<u>044</u> 6		Pa	rtly	Cloudy TEMPERA			
STRUCTURAL	BORROW	EMBANKMEN		CRETE		TRUCTURE		MINIMUA		MAXIM			
EXCAVATION 100 %	EXCAVATION 100		00%	100		100	%		45°	THE SAIM		8°	
		£							24	HOUR PR	ECIPIT	ATION	
	EVELOPED ON TH IGE ORDER OR FI	IE WORK WHICH N NDING OF FACT?	MGHT	D NO	(YES (Explai	n)	INCHES		ENDIN			
	NUMBER OF GOV	/ERNMENT EMPLO	YEES					_	<u>00"</u> Cana1	RWRR S	07	30	<u> </u>
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	L	LABOR		FEET	oanal	TIME			
			1-8 hrs	1-8	hrs			0.	40'		08	00	м
	CONTRACTOR'S E					NUMBER OF		££t1	2	<u> </u>			
SUPERVISORY	SKILLED	LABORERS	15_1//	FRON		1000 M	FROM	то		FROM		то	
2-20 hrs	6-56 hrs	7-68 hrs	15-144		0 M	1800 M	м		М	L	M		м
Attach list of the Note: If the cor	r tollowing: (a) Ma htractor's Quality Co	or items of equipme ontrol Report (QCR)	ent either idle contains the	or working, information	, and (b) it need) Number and o I not be repeate	ciassification (ed.	of contract	tor persor	nnel onsite.			
CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESP	PONSIBILITY F	OR WORK	PERFO	DRMED TODAY					_		
a B&KC	onst. Co.	Inc REII	NFORCED	CONCRE	TE F	LOODWALL	: CATHO	DIC PR	ОТЕСТ	ION			
		ice, Inc											_
	orane perv	ice, inc	HEW DI	THE LI	<u>, Cuu.</u>	COLLING	OFF EA	TOTTING	<u> </u>	1D			_
c						_							-
WORK PERFORME	ED TODAY (Indicate	e location and descrip	ption of work p	vrlormed. Re	eler to w	ork performed b	y prime and/or	subcontra	clors buy	etter in Tabl	e abov	•)	
See the a	ttached CQC	Report for	r detail	s of w	ork	performe	d this	date.					
Davs of no work and	1 concorne (or con-												
,		ie to adver	se weath	er/wet	gro	und cond	itions	on 03.	13 8	23 Ја	n 9	5.	
		e to adver											
ļ													
Information on progr	ress of work, cause:	s for delays and exte	ent of delays,	Plant, mate	erısi, etc	2 .							
_		sscheduled	and per	formed	l by	B&K and	Gill th	is dat	e. Se	e atta	che	d CQC	
Report fo	r details.												:
						PE	RCENT P	ROJECT	COMP	LETE:		7.9 _%	
DATE SET	DATE SET FOR COMPLETION: 22 MAR 96 PERCENT TIME ELAPSED: 27.9%												
		D AND INSTRUCTO											
Attended	the followi	ing CQC Ins	pection	Phases	thi	s date:							
REINFORCE	D CONCRETE	FLOODWALL:	No ins	tructi	ons	issued.							
CUTTING O	FF EXISTING	SHEET PIL	ES: No	instru	ctio	ns issue	d.						
INSTALLAT	ION OF NEW	SHEET PILES	S: No i	nstruc	tion	s issued							
CATHODIC	PROTECTION:	No instr	uctions	issued	١.								

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 QCR REPORT OR DISAGREEMENTS:

 $\overline{\text{NOTE}}$: 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.

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

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

DATE

SUPERVISOR'S INITIALS

DATE

2/2/55

(Heverse of ENG FORM 2538-2 (CIVIL)

Page 2 of 2 pages

CONTRACT NO.: DACW29-94-C-00

QAR #_____55

DATE: Thu. - 26 Jan 95

O Date Comp 51.2% 61.2% 46.4% 46.4% -0- 0.0%

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15.0% 15.0%
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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 + #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 Skilled	60 40	8 & K	Assembling I-Wall Forms; Grading pouring Concrete in Stabilization							
1	Supt.	10	п	Slab; Installing Cathodic Protect-							
1	QC Rep.	10	"	ion Bond Cables.							
2	Skilled Unskilled	16 8	GILL'S CRANE	Driving new CZ-101 Sheet Piling; Pulling up existing RZ-10 Sheets. (See locations above.)							

PAGE 1 OF 3

\9402\QCRPT1A

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	4	4	·
Komatsu D37P Dozer	No.	Yes	2	6	
Kubota 151 Excavator	42	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 repaired 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.

\9402\QCRPT2A

QUALITY CONTROL REPORT INSPECTIONS PERFORMED (Including regults and actions tak)

(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

\9402\QCRPT3A

PAGE 3 OF 3

B & K CONSTRUCTION MINUTES OF SAFETY MEETING

<u>DATE</u>: 01/26/95 <u>TIME</u>: 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

De sustis	
Alfred Brown	
Larry J. H. 20	
CAMON 4.	
Willo Dellon	
Com Leonard	
Taymord Howard Kafrance	
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Gray Tacken	
Bryan Verdun.	
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INSPECTORS QUALITY SURANCE REPORT (QAR)						THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR							
DAILY LOG OF CONSTRUCTION - CIVIL							REPORT NUMBER						
(ER 415-1-302)								•		54			
TO Area Eng	ineer,		COP	Y TO: C	/Con	st. Di	v.	DATE Wednesday					
CELMN-CD-	-NO			C	ELMN	-CD_				nuary'	<u> 1995</u>	5	
PROJECT Lake								CONTR	ACT NUME	ER			
<u>Mirabe</u> au Ave	e. to Leon	C. Simon B	lvd., Or	<u>leans Pa</u>	rish	, Loui	siana.	D	<u> ACW</u> 29-	<u>94-C-</u> 0	079		
CONTRACTOR (Or				1 ,				WEAT	IE R				,
		ghway 59, i			704	<u>48</u>		P	artly (Cloudy	& 0	Cool	
	PORTION OF SCH	EDULED DAY SUR	ABLE FOR O	PERATIONS						TEMPER	ATURE	<u> </u>	
STRUCTURAL EXCAVATION	BORROW	EMBANKMEN	T CON	CRETE	STR	UCTURE		MINIM	JM	MAXIN	NUM		
100%	EXCAVATION 100	<u>* 10</u>	00 %	100%	<u> </u>	100	0%		42°_		68	3°	
		oo			_				24	HOUR PR	ECIPIT	ATION	
	EVELOPED ON TH IGE ORDER OR FIR	E WORK WHICH N NDING OF FACT?	NGHT	€ k NO	ο,	YES (Explai	irt)	INCHE	S	ENDI	₽ G	·	
									0.00"			730	М
0.1050145001		ERNMENT EMPLO							Cana1	RIVER S	TAGE		
SUPERVISORY	OFFICE	LAYOUT	INSPECTION			LABOR		FEET		TIME			
2-2 hrs.			1-8 hrs	3-10 l					0.50'		90	300	М
	CONTRACTOR'S EI	LABORERS	7074			UMBER OF		<u> </u>	<u> </u>	<u> </u>			
SUPERVISORY	SKILLED		TOTAL	FROM	. 10		FROM	TO		FROM		то	
2-20 hrs	6-56 hrs	7-67 hrs	15-143	0700	<u> </u>	1730 M	M	L	<u> </u>	L	_м_		M
Attach list of the Note: If the cor	t following: (a) Maintractor's Quality Co	or items of equipment of Report (QCR)	ent either idle contains the i	or working, and information it r	d (b) Nu need no	imber and o	classification ed.	of contra	ctor persor	nnel onsite.			
201221222222			201.0.0										_
CONTRACTOR/SUB													
■ <u>B & K C</u>	onst. Co.,	Inc REI	NFORCED	CONCRET	E FL	ODWAL:	L						_
b. Gill's C	Crane Servi	ce, Inc	STEEL S	SHEET PI	LES								
													_
C													_
WORK PERFORME	ED TODAY (Indicate	e location and descrip	ption of work pe	rformed. Refer	to work	periormed b	y prime and/or	subcont	ractors buy i	etter in Tab	e abov	• }	
See the s	attached CO	C Report fo	r datail	le of wo	rk n	arform	od thic	data					
bee the a	reached oq	o kepore re	or detail	LO OI WO	LK P	ELIOIM	ed this	uate	•				
Days of no work and						_							
		ue to adver							-				
50% of c	lays lost d	ue to adver	se weath	ner/wet a	grou	nd con	ditions	on 0	6, 19	& 20 J	an 9	95.	
													
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сус керог	ct for deta	118.											;
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DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 7.5% PERCENT TIME ELAPSED: 27.7%													
							WOUNT I	ITIE E	TULSED	•	21.	1 /6	
COC INSPECTION													
Attended the following CQC Inspection Phases on this date:													
REINFORCE	ED_CONCRETE	FLOODWALL:	No ins	struction	ns i	ssued.			•				
STEEL SHEET DILES. 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 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 (In	(include names, reactions and remarks)
---	--

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

 $\overline{\text{NoTE}}$: Contractor received all 8 Galvanized Ladders required for this project this date. $\overline{\text{Ladders}}$ 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/Makxanhmikkan) for this (date/pakxan).

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

	GOVERNMENT PERSONNE	EL 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	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	DATE	SUPERVISOR'S INITIALS	DATE
Secret Secret		,	1 1
Janel Durant		1	1/2/2/
TANE D DOVANT ID	26 TAN OF		4 2/2/10
ZANE D. BRYANT JR.	26_JAN_95	· V	

(Reverse of ENG FORM 2538-2 (CIVIL)

CONTRACT NO.: DACW29-94_-C- 00

QAR #____54____

DATE: Wed. - 25 Jan 95

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	10230.48	2186.45	12416.93	6.6%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-5.0%	-0-	5.0%	5.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & R	esuits:	sarve	DASOAA	1 6354	mbling
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continuing to s					
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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

		f	AREAS OF RESP	ONSIBILITY
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	59	B & K	I-Wall Form assembly; repairing
4	Skilled	40	ш	Safety Fence; setting Stabilization
1	Supt.	10	11	Slab Forms. (See locations above.)
1	QC Rep.	10	n	
2	Skilled Unskilled	16 8	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)

\9402\QCRPT1A

PAGE 1 OF 3

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	www
Kubota 151 Excavator		No	0	8	ууль
Case 580 Backhoe		Yes	3	5	we.u-
Koehring 535 Crane	vae	Yes	8	0	
MKT Vibro Hammer		Yes	8	0	
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 300 Excavator	1000	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".

\9402\QCRPT2A PAGE 2 OF 3

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 tenatively 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

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU DAILY LOC	ALITY SU	PRANCE RETRUCTION	EPORT	(QAR))	$\overline{}$	WITH I	HE QAR	<u> </u>	ED TO 0	R FILED
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CONTRACTOR/SUE	CONTRACTORS A	ND AREA OF RESI	PONSIBILITY FOR	WORK PE	RFORME	D TODAY	1					
a B&KC	onst. Co.,	Inc RE	INFORCED C	CONCRETI	E FLO	ODWAL	L: CATH	ODIC PR	OTEC	TION		
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WORK PERFORMS See the a		e location and describe Report for							ors buy l	etter in Table	abové)	
Days of no work and	d reasons for same:											
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Information on prog	ress of work, cause	s for delays and ext	ent of delays, Pla	nt, material,	etc.							
	ve work was r details.	scheduled	and perfo	ormed by	y B&K	and	Gill th	is date	e. Se	e attac	hed C	QC
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		D AND INSTRUCTION			السلاما							
Allended	rue rorrowi	ing CQC Ins	pection Ph	iases ti	nrs q	ate:						
REINFORCE	D CONCRETE	FLOODWALL:	No instr	uctions	s issu	ued.						
CATHODIC	PROTECTION:	No instr	uctions is	sued.								

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

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 1 hr. PE

 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

AND JR. 25 Jan 95

DATE

SUPERVISOR'S INITIALS

DATE

2/1/55

(Heverse of ENG FORM 2538-2 (CIVIL)

CONTRACT NO.: DACW29-94-C- (

QAR #____53

DATE: Tue. - 24 Jan 95

* Corrected sq. ft. due to miscalculation

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	9747.914	482:570	10230.484	5.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
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QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:	Observal	DWSON Y	nd 01	l - aciny
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Instructions to COC/Remarks:	1/17			
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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.

<u>TEMP.: 30 MIN. 58 MAX</u>

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 ($\bf 10$ 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 4 1 1 1	Unskilled Skilled Supt. QC Rep.	56 39 9.5 9.5	B & K " "	Building I-Wall Forms; Forming & pouring Stabilization Slab; Installing Bond Cables for Cathodic Protection.								
2	Skilled Unskilled	16 8	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)								

\9402\QCRPT1A

PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	- Cartain	Yes	2	6	**************************************
Komatsu D37P Dozer	- Samuel	Yes	1	7	-vara
Kubota 151 Excavator	-videor	No	0	8	
Case 580 Backhoe	w.cor	Yes	3	5	
Koehring 535 Crane		Yes	6	2	None
MKT Vibro Hammer		Yes	4	4	Yes
Kobelco LK 500 Loader		Yes	2	6	***************************************
Komatsu 300 Excavator		Yes	3	5	NAM!
Unit Crane - waiting to	be remo	oved 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.

\9402\QCRPT2A PAGE 2 OF 3

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.

01/25/95

Authorized Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

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Note: If the co	ntractor's Quality C	control Report (QCR) contains t	he info	ormation it no	eed not	pe tebes	ted.	on or war	mactor pe	3 SQI 11 X	ei Orisile.			
CONTRACTOR/SUI	BCONTRACTORS A	AND AREA OF RES	PONSIBILIT	Y FOR	WORK PER	REORME	D TOOA	Υ							
a B&KC	onet Co	Inc RE	INFORCE	en C	OMCDETE	חזת י	ODITAT	T							
						FLO	ODWAL	<u>.L</u>							_
b <u>Arcadia</u>	Rebar, Inc	RESTE	EL INST	ALL	ATION										_
C.															
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WORK PERFORM	ED TODAY (Indicat	te location and descri	ption of work	perior	rmed. Refer to	o work pe	eriormed l	by prime an	dior subco	ontractors (ouy let	ter in Tabl	e abov	•)	
See the a	ttached CQC	Report for	r detai	1s	of work	per	forme	d on M	ſon.,	23 Ja	n 9	5.			
NOTE: No	work sched	luled or per	rformed	l on	21 & 2	2 Ja	n 95.								
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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 COC 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
NONE
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.
NONE
Contractor's Quality Control Report (submitted/xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)
GOVERNMENT PERSONNEL ON SITE
NAMES DESIGNATION HRS. ON SITE DUTIES
Z. BRYANT Const. Insp., GS-07 7 hrs. (Mon) QAR
1 , the state of t
SAFETY: (Include any placetime of account of the later)
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 DATE SUPERVISOR'S INITIALS DATE
TANE DI PRY (NOT ID) 2/ 100 05 ml 2/1/95
(Heverse of ENG FORM 2538-2 (CML)

QAR #____52

Sat., Sun. & Mon.

DATE: 21, 22 & 23 Jan 95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	- 0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	7415.1sf	-0-	7415.1sf	4.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

\9402\QCRPT1A

RAIN: 0 IN. TEMP.: 39 MIN. 58 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE: (1.9) NOISE: Moderate

PAGE 1 OF 3

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	•	COMPANY	LOCATION/WORK DESCRIPTION				
6 4 1 1	Unskilled Skilled Supt. QC Rep.	58 38 10 10	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	24	Arcadia Reba	r 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	Yes 2 6		***	
Komatsu D37P Dozer		Yes	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	oved No	0	8	No		

TESTS PERFORMED

(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

\9402\QCRPT2A PAGE 2 OF 3

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 \dagger 3" short of the Monolith joints on each side. This work was completed on Monoliths #155, #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 at noted.

Authorized Q C Representative

Date

01/24/95

\9402\QCRPT3A

PAGE 3 OF 3

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)						THE OCR WILL BE ATTACHED TO OR FILED WITH THE OAR					
						REPORT NUMBER					
TO A			CODY	то. с	Const	Div	DATE	There	51	Cond day	
TO Area E	ngineer,		COPY		/Const. ELMN-CD	DIA.	Thursday & Friday 19 & 20 January 1995				
PROJECT Lak	CELMN-CD-NO CELMN-CD PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,						CONTRACT NUMBER				
	Ave. to Leon						D.	ACW29-	94-C-0	079	
	Or hired labor) B						WEATH	ÆR.			,
		ighway 59, i						Clou	dy & C	001	
	PORTION OF SC	HEDULED DAY SUI	TABLE FOR OPE	RATIONS				TEMPERATURE			
STRUCTURAL BORROW EMBANKMEN EXCAVATION						MINIMUM MAXIMUM					
50/5	EXCAVATION 50/50	0 % 50/5	50%	50/50x	50	/50%	ļ	38°		62°	
HAS ANYTHIN	G DEVELOPED ON TI	HE WORK WHICH A	AIGHT E	ON F	TT YES (E.	olaun)	24 HOUR PRECIPITATION			ON	
	HANGE ORDER OR F			NO YES (Explain)			INCHES		END	0730 A	
	NUMBER OF GO	VERNMENT EMPLO	YEES	·			0.00" 0730 Canal RWED STAGE			<u> </u>	
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	OF CONTRACTOR'S E	MPLOYEES		1		OF SHIFTS	⅓ 1	□ 2			
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO		FROM	TO	
2-36 hrs	5-82 hrs	8-123 hrs	15-241	0700	M 1730	M N		М		м	м
	the following: (a) Micontractor's Quality C						of contra	ctor persor	nnel onsite.		
CONTRACTOR	SUBCONTRACTORS A	AND AREA OF RESI	PONSIBILITY FOR	WORK PE	RFORMED TO	DAY					
а В&К	Const. Co.,	Inc STRI	ICTURAL EX	CAVATIO	ON: REIN	FORCED FI	OODWA	LL: CA	THODIC	PROT	ECTION
	s Crane Serv										
b. <u>Gill'</u>	s crane serv.	ice, inc	110-105	EVIDIII	NG SHEET	PILES; I	EMPOR	AKI FL	OOD PR	OIECI	ION
<u> </u>											
WORK PERFO	RMED TODAY (Indica	te location and descri	ption of work perfo	rmed. Refer	to work perform	ed by prime and/o	r subconti	actors buy	letter in Tabl	le above)	
	attached CQ										
see the	attached co	o kepoits it	or details	OT MO	rk berro	imed tilis	perr	ou.			
Days of an work											
	days lost du		se weather	-/wet or	round co	nditions	on 03	& 13	Jan 95		
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Information on p	progress of work, cause	es for delays and ext	ent of delays, Pla	int, material,	etc.						
	sive work wa										
	due to wet g			n previo	ous rain	fall. See	atta	ched C	QC Rep	orts	for
details	of work per	formed this	period.								
DAME CE	m rop countr	TON.				PERCENT I			_	6.	
	T FOR COMPLE		MAR 96	<u></u>		PERCENT	IME E	LAPSEL	<u></u>		<u>9% </u>
COC INSPECTI	ON PHASES ATTEND	ED AND INSTRUCT	ONS GIVEN:								
	d the follow		-		_	20 Jan 95	:			•	
	RAL EXCAVATION							•			
_	C PROTECTION					k of this	repo	rt.			
	RY FLOOD PROC CED CONCRETE										
	OFF EXISTING				ions iss						
30111110	JII DILLOITIN										
NOTE:	PE, C. Wagner	r performed	QA Inspec	ctions o	on Thu.,	19 Jan 9	5. Se	e atta	ched Q	A Sup	plement-
	al Report for		-		,				•	•	

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 1.f.), which have been cut off at approx. elevation +6.75', as required.

Contractor's Quality Control Report (submitted/modxxsubmixtxbedk) 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)
 OAR

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

AND DESCRIPTION DATE

SUPERVISOR'S INITIALS

DATE

//2 4/9 6

(Heverse of ENG. FORM 2538-2 (CNIL)

QAR #____51

Thursday & Friday

DATE: 19 & 20 January 1995

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	2.0%	0.4%	2.4%	2.4%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	4.4%	0.6%	5.0%	5.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	7415.1sf	-0:-	7415.1sf	4.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	- 0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	4.4%	0.6%	5.0%	5.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
						,	

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed	f & Results:	Ob sers	el OAC	sonnel s	effins
forms on			lavas	/)	
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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

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Damp <u>CANAL GAUGE</u>: (1.1) <u>NOISE</u>: 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 Temp-orary Flood Protection. No other work performed today.

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

PAGE 1 OF 3

\9402\QCRPT

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	- Yes		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 remo	oved 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.

N9402NQCRPT2 PAGE 2 OF 3

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

Date

01/23/95

\9402\QCRPT3A

PAGE 3 OF 3

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									
6 4 1 1	Unskilled Skilled Supt. QC Rep.	57 36 10 9.5	B & K " "	Working on I-Wall Form assembly; Performing Structural Excavation; Forming Stabilization Slab; installing Cathodic Protection Jumper Wires. (See locations above.)								
2	Skilled Unskilled	9 18	GILL'S CRANE	Pulling up existing RZ-10 Sheets and cutting off for Temporary Flood Protection. (See locations above.)								

\9402\QCRPT PAGE 1 OF 3

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	www.	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.

\9402\QCRPT2

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 at noted.

Authorized QC Representative

Date

01/20/95

\9402\QCRPT3A

PAGE 3 OF 3

	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL							THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR								
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b.	Gill's	Crane Servi	ce, Inc	CU'	TTING	OFF EX	ISTI.	NG SHE	ET PILE.	S						
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	REINFORCE	ED CONCRETE	FLOODWALL:	No	instr	cuctions	s is	sued.								
		SHEET PILE								is re	eport					

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COIC 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 OCR 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/matexsubmitted) for this (date/period).

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

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 condiiton (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	DATE	SUPERVISOR'S INITIALS	DATE
ZANE D. BRYANT JR	20 Jan 95	~~	1/23/55

QAR # 50

DATE: Wed. - 18 Jan 95

Item No.	Description	Contract Quan ti ty	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.ș.	L.S.	1.8%	0.2%	2.0%	2.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	3.5%	0.9%	4.4%	4.4%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	7415.1 sf	-0-	7415.1 sf	4.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	⁻ 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	3.5%	0.9%	4.4%	4.4%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
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QUALITY ASSURANCE REPORT SUPPLEMENT

DA Inspections Performed & Results: Obsacual Subcont	frector
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personnel sam warring protection	had guer
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CQC cop Jucy Justice that they	most unchan
the chart pile template to INSUra	corract
abrement of piles. Both agreed	to this.
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Chan & Dagner	Pri Engr
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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 4 1 1	Unskilled Skilled Supt. QC Rep.	45 38 10 8	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.)								
1 2	Skilled Unskilled	9 18	GILL'S CRANE	Pulling up existing RZ-10 Sheets and cutting off for Temporary Flood Protection. (See locations above.)								

PAGE 1 OF 3

\9402\QCRPT

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	No.	Yes	2	6	vpar-
Komatsu D37P Dozer	***	No	0	8	w. <u>-</u>
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe	**Accor	Yes	5	3	V4
Koehring 535 Crane		Yes	5	3	No.
MKT Vibro Hammer		Yes	4	4	
Kobelco LK 500 Loader	No.	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.

\9402\QCRPT2 PAGE 2 OF 3

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/O 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

\9402\QCRPT3A

PAGE 3 OF 3

	INSP	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																	
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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 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 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 OCR REPORT OR DISAGREEMENTS: NOTE: No QA Inspections were performed on Mon., 16 Jan 95, due to the observance of the Martin Luther King holiday. 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. (Tue) OAR 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

ANL DUST

ZANE D. BRYANT JR. 20 Jan 95

(Heverse of ENG FORM 2538-2 (CIVIL)

SUPERVISOR'S INITIALS

DATE 1/2 3/55

49 QAR #___

Sat. thru Tue.

DATE: 14 thru 17 Jan 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	0.7%	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	1.4%	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	1.2%	0.6%	1.8%	1.8%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	4718.7sf	2696.4sf	7415.1sf	4.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	⁻ 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

<u>LEVEE CONDITION</u>: Damp <u>CANAL GAUGE</u>: (1.5) <u>NOISE</u>: 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 5 1 1	Unskilled Skilled Supt. QC Rep.	57 47.5 10 10	B & K " "	I-Wall Form assembly; Form & pour Stabilization Slab. (See locations above.)									
2	Skilled Unskilled	20 10	GILL'S CRANE	Driving new CZ-101 Sheet Piling. (See locations above.)									

\9402\QCRPT

PAGE 1 OF 3

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.

\9402\QCRPT2 PAGE 2 OF 3

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 & 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

\9402\QCRPT3A

PAGE 3 OF 3

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

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Wet <u>CANAL GAUGE</u>: (1.5) <u>NOISE</u>: 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 5 Skilled 1 Supt. 1 QC Rep.	60 50 10 10	B & K	Excavating for I-Wall construction, working on I-Wall Form assembly and Curing Water supply connections.									
2 Skilled 1 Unskilled	20 10	GILL'S CRANE	Driving new CZ-101 Sheet Piles. (See locations above.)									

PAGE 1 OF 3

\9402\QCRPT

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	Wood	Yes	2	6	V
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	V-00-	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.

\9402\QCRPT2 PAGE 2 OF 3

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 appointment except at noted.

01/17/95

Authorized QC Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

B & K CONSTRUCTION MINUTES OF SAFETY MEETING

DATE: 01/1/9/95 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

B'& K CONSTRUCTION DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL Safety Meeting ATTENDEES 1-17-95

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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 Anatx submitted) for this (date Anatx is detected).

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

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs.

QAR

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

Checked and found all safety fence swing gates securely fastened at end of work day, this date.

No safety infractions were noted this date.

DATE SUPERVISOR'S INITIALS 17 JAN 95 (Heverse of ENG FORM 2538-2 (CIVIL)

Page 2 of 2 pages

QAR #____48

DATE: Fri. - 13 Jan 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	1.2%	-0-	1.2%	1.2%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	4718.7sf	-0-	4718.7sf	2.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-o-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	- 0-	-0-	0.0%
		_					
	· .						

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

DATE: 01/13/95 REPORT NO.: 71

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.4) NOISE: None

SKIES: Cloudy - Rain RAIN: 0.80IN. TEMP.: 56 MIN. 68 MAX

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.

NO	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION												
140	INHUL	HOOKS	COMPANI	LOCATION WORK DESCRIPTION									
0	Unskilled	0	B & K	No work - RAIN OUT									
0	Skilled	0	**										
1	Supt.	6	"										
1	QC Rep.	6	н										
0	Skilled	0	GILL'S CRANE	No work - RAIN OUT									
0	Unskilled	0	н										

\9402\QCRPT PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	•••
Komatsu D37P Dozer		No	0	8	**************************************
Kubota 151 Excavator	•••	No	0	8	
Case 580 Backhoe		No	0	8	
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer	V	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.

\9402\QCRPT2

PAGE 2 OF 3

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 CC Representative

01/16/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSPE	CTORS QU	ALITY SU	RAN	CE RE	PORT (QA	R)		THE	OCR WILL H THE QAR	BE AT	TACHED	TO OR FIL	LED
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CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESI	ONSIB	ILITY FOR	WORK PER	ROR	MED TODAY	Y						
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b. Gill's C	Jiane Servi	ce, Inc	_ 001	LITING (OLL EXI	.o.I.I	ING SHE	ET LIPE!	<u>, </u>					_
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Information on prog	ress of work, cause	s for delays and ext	ent of d	lelays, Plan	nt, material	etc								
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	FOR COMPLET			₹ 96			PE	ERCENT T	TME	ELAPSEI	<u>ر:</u>	2	<u>5.5%</u>	
		D AND INSTRUCTION												
		ing CQC Ins	_											
NEW FLOOI	DWALL SHEET	PILES: No) ins	struct	ions is	sue	ed. (In:	itial &	Foll	low-Up)				
PEDESTRIA	AN BRIDGE D	EMOLITION:	No	instru	uctions	is	ssued.	(Initia	L)					
STRUCTURA	AL EXCAVATI	ON: No ins	truc	tions	issued	. ([Initia	1 & Fol	low-U	Jp)				
CUTTING (OFF EXISTIN	G SHEET PII	ES:	No in	nstruct	ion	ıs issu	ed. (Fo	llow-	-Up)				
REINFORCE	ED CONCRETE	FLOODWALLS	: N	lo insi	tructio	ns	issued	. (Follo	ow-Ur))				
ZZIMI OKOI	_ JUNORUIE							, = 0111	10					

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: Observéd 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	L.
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NONE

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR 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/notx submitted) for this (date/persiod).

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
 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

AND DESCRIPTION OF SUPERVISOR'S INITIALS

DATE

13 JAN 95

1/4/55

QAR #____47

DATE: Thu. - 12 Jan 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	0.8%	0.4%	1.2%	1.2%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	3.1%	0.4%	3.5%	3.5%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	4718.7sf	-0:-	4718.7sf	2.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	3.1%	0.4%	3.5%	3.5%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

A Inspectio	ns Performe	ed & Results:	0551	rual	Darsonnd	Burning
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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

<u>DUST</u>: Minimal <u>LEVEE CONDITION</u>: Dry <u>CANAL GAUGE</u>:(1.3) <u>NOISE</u>: 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	
5 4 1 1 2 1	Unskilled Skilled Supt. QC Rep. Skilled Unskilled	50 40 10 10 16 8	B & K " " GILL'S CRANE	Assembling I-Wall Forms; Excavating for I-Wall construction; handling new CZ-101 Sheet Piling. (See locations above) Cutting off existing RZ-10 Sheet Piling. Burning holes in new CZ-101 Sheet Piling for re-inforcing Steel. (See locations above)

PAGE 1 OF 3

\9402\QCRPT

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	2	6	~~
Komatsu D37P Dozer		- Yes		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	V

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.

\9402\QCRPT2

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

\9402\QCRPT3A

PAGE 3 OF 3

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. 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 01/11/995.

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

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 + 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

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 kep 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 Jerry Justice

Q.C. REPRESENTATIVE B & K CONSTRUCTION

PAGE 1 Of 1

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.

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 defecient. With all matters adequately covered, the inspection was concluded.

YOA Jerry Justice

Q.C. Representative B & K CONSTRUCTION

INSPE	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL								WITH	THE QAF		VCHED	TO OR F	LED
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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/SUB	CONTRACTORS AN	O AREA OF RES	PONSIBILI	TY FOR	WORK PER)FOP	MED TODAY	Y						
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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 OCR REPORT OR DISAGREEMENTS: NOTE: Delta Testing, Inc. performed the following CQC Testing on concrete used this date: Slmup = 4.50"; Air Entr. = 5.0%; Air Temp = 72°; Conc Temp = 73°; Molded 3 Cylinders (LA-02) REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE NAMES DESIGNATION HRS. ON SITE DUTIES 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 anit-flow back valves on all oxygen, acetylene, and propane bottles this date. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE DATE SUPERVISOR'S INITIALS 13 JAN 95 (Heverse of ENG FORM 2538-2 (CIVIL)

QAR # 46

DATE: Wed. - 11 Jan 95

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	0.8%	-0-	0.8%	0.8%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	2.4%	0.7%	3.1%	3.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	4718.7sf	-0-	4718.7sf	2.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	2.4%	0.7%	3.1%	3.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0	-0-	0.0%

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

<u>DUST</u>: Minima; <u>LEVEE CONDITION</u>: Dry <u>CANAL GAUGE</u>:(1.3) <u>NOISE</u>: 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 4 1 1	Skilled Unskilled Supt. QC Rep.	32 32 8 8	B & K "	Assembling I-Wall Forms; Grading Excavation; Forming & pouring Stabilization Slab. (See Locations Above)								
2	Skilled Unskilled	16 8	GILL'S CRANE	Cutting off existing RZ-10 Sheet Piling.								
2	Unskilled	6	S.E. EROSION	Safety Fence work.								

PAGE 1 OF 3

\9402\QCRPT

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.

\9402\QCRPT2 PAGE 2 OF 3

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

\9402\QCRPT3A

PAGE 3 OF 3

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.

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
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
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

INSPE	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL								THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR					
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CONTRACTOR/SUB	CONTRACTORS A	NO AREA OF RESI	PONSIB	ILITY FOR	WORK PER	RFOR	MED TODAY	′						
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b. Gill's C	<u>Crane Servi</u>	ce, Inc	CUI	OFF	EXISTIN	IG P	PILES;	TEMPORAL	RY FLO	OOD PRO	OTECTIO	ON		
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I-WALL FO	ORMS: No i	nstruction	s iss	sued.										

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)

5) Fire Extinguisher needed recharging.

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 saftey 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

				_
CONTROVERSIAL	MATTERS	١N	DETA	L:

NONE

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

NONE

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

GOVERNMENT PERSONNEL ON SITE DESIGNATION NAMES HRS. ON SITE DUTIES Suprv. Civ. Engr., GS-12 SCE D. DUHON 1 hr. C. WAGNER Civ. Engr., GS-11 1 hr. PEZ. 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	YDATE	SUPERVISOR'S INITIALS	DATE / /
Jan Definant	<i>l</i> /		1 1/18/55
	12 JAN 95	1 gran	1//////

(Heverse of ENG FORM 2538-2 (CIVIL)

Page 2 of 2 pages

QAR #____45____

DATE: Tue. - 10 Jan 95

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	- 0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	·· - 0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	0.8%	-0-	0.8%	0.8%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	2.3%	0.1%	2.4%	2.4%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	4718.7sf	-0-	4718.7sf	2.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	2.3%	0.1%	2.4%	2.4%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

A Inspectio	ns Performed	& Results:	Observal	PASON	nel as	sembling
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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

<u>DUST</u>: Minimal <u>LEVEE CONDITION</u>: Dry <u>CANAL GAUGE</u>:(1.3) <u>NOISE</u>: 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 truckload 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											
l NO	TRADE	HOURS										
4	Unskilled	32	8 & K	Grading Excavation; Handling new								
4	Skilled	32	u	Sheet Piles; Removing MP-112 exist-								
1	Supt.	9	n	ing Sheets; Assembling I-Wall Forms								
1	QC Rep.	9	"	(See Locations Above)								
		1										
1	Skilled	8	GILL'S CRANE	Cutting off existing RZ-10 Sheets.								
1	Unskilled	8	n	Handling new CZ-101 Sheet Piling.								
				(See Locations Above)								
2	Unskilled	12	S.E. EROSION	Installing Swing Gates. (See								
				Locations Above)								
L	<u> </u>	<u> </u>										

PAGE 1 OF 3

\9402\QCRPT

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.

\9402\QCRPT2 PAGE 2 OF 3

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

Inspected Temporary Flood Protection work performed today. 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 decicient 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 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 at noted.

Authorized QC Representative

01/11/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CUNSTRUCTION - CIVIL							THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR				LED			
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		ttached CQC					-							
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1	TEMPORARY	FLOOD PROT	ECTION: No	o instruct	tions i	ssue	ed.							
	CUTTING O	FF EXISTING	RZ-10SHEE	PILES:	See "V	erba	al Inst	ruction	s" on b	ack o	f thi	s r	eport	
	SAFETY FE	NCE GATES:	No instruc	ctions iss	sued.									
								-						

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'. Noted that Delta Testing had an inspector on site to test concrete being used this date. 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.

 $\underline{\text{SAFETY FENCE}}$: 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.

CONTROVERSIAL 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.

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

GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 2 hrs.
 PE

 Z. BRYANT
 Const. Insp., GS-07
 7 hrs.
 OAR

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.

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INSPECTOR'S SIGNATURE		DATE	SUPERVISOR'S INITIALS	DATE
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ZANE D/	BRYAN JR.	/ 11 JAN 95		1 1/1/93
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QAR #____44

DATE: Mon., 09 Jan 95

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	0.5%	0.3%	0.8%	0.8%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	1.0%	1.3%	2.3%	2.3%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	4718.7sf	-0-	4718.7sf	2.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	1.0%	1.3%	2.3%	2.3%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

DA Inspections P	erformed & Results:	Observed	personnel	form
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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.

PAGE 1 OF 3

\9402\QCRPT

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	LOCAT	CON/WORK DI	ESCRIPTION				
3	Unskilled	24	B & K	pouring Sta	abilization & grading	rms; Forming n Slab; Structural	g &			
5	Skilled	40	u	n	(I	••	"			
1	Supt.	9	"	41	u	н	"			
1	QC Rep./ Surveyor	10	n	11	п	н	41			
1	Unskilled	8	GILL'S CRANE	Cutting of	fexisting	RZ-10 Sheet	t			
1	Skilled	8	n			od Protectio	I			
2	Unskilled	6	S.E. EROSION	Installing	Swing Gate	es.				

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	w
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.

\9402\QCRPT2 PAGE 2 OF 3

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

Inspected Stabilization Slab work done today. Excavation was dewatered and graded smooth prior to placing Forms. Concrete was blocked out at Monolith Joint #155 \div #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 $\frac{1}{2}$ 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.
- 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.

01/09/95

Authorized QC Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

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bee you	1 BCC QOR	S BCC OOK	DCC	QOR A	1 50	o quit		500		HOUR PRE		
HAS ANYTHING	DEVELOPED ON TH	E WORK WHICH	AIGHT :	₹ NO		YES (Expla	arr)	INCHES		ENDIN	G	
LEAD TO A CHAP	NGE ORDER OR FI	NDING OF FACT?							2.45"		073	0 M
	NUMBER OF GOV	VERNMENT EMPLO	YEES						Canal	RIVER ST		
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL		LABOR		FEET	Ounai	TIME		
1-15 hrs				1~15 1	nrs			See	OCR	'	080	0 4
	CONTRACTOR'S E	MPLOYEES				NUMBER C	XF SHIFTS	₹]K 1	2			
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	Ti	ro	FROM	то		FROM	$\neg \neg$	TO
2-113 hrs	7-249 hrs	5-212 hrs	14-574	0700	w	1530 M	м		мÌ	-	M	м
Note: If the co	e following: (a) Ma ntractor's Quality Co	ontrol Report (QCR)) contains the ir	r working, an nformation it	need (number and not be repea	i ciassification ited.	or contrac	tor personi	ner onsite.		
		NO 4054 OF BER	201101211121	20 1110011 00								
CONTRACTOR/SUI	BCONTHACTORS A	NO AHEA OF HES	PONSIBILITY FO	JH WOHK PE	:HFO	HMED TODA	NY .					
B & K C	onst. Co.,	Inc BRI	DGE DEMO	LITION;	FL(OOD PRO	TECTION	; SHEET	PILE	S		
b. Gill's	Crane Servi	ce. Inc	CUTTING	OFF EX	ISTI	ING SHE	ET PILES	S: NEW	SHEET	PILES	}	
	20171			011 2		21,0 0112		, 1,2,,				
C					_							
WOOK PERFORM	ED TODAY (Indicat	e location and descri	ntion of work ner	tormed Relea	to wa	k performed	by prime undic	r subcontra	ctors buy le	itter in Tabi	e above	,
	ched_CQC Re					eduled	and per	formed	this	period	by	B&K
Const. Co	o., Inc., a	nd Gill's C	rane Ser	vice, I	nc.							
Days of no work an	d reasons for same:											
50% of da	ays lost du	e to advers	e weathe	r/wet gr	rour	nd cond	itions o	on 01.	05. 0	6. 16	& 19	Dec 94.
	day lost du										,	
	ay lost due									•		
information on prog	-											
	ive work wa	•	•		•	3&K and	Gill o	27. 2	28 & 29	9 Dec	94.	and on
	06 Jan 95.											
	ec 94 thru											
		,					ERCENT I			-		90%
DATE SET	FOR COMPLET	ION: 22	MAR 96				ERCENT 1				24.	
	PHASES ATTENDE											
LUC INSPECTION	FRASES ATTENUE	D AND HASTNOOT	CHO GIVEN:									
See attac	ched Projec	t Engineer'	s Qualit	y Assura	ance	Suppl	ement Re	eport i	for CO	C Inst	ecti	on
	ttended and							•	, - 3	P		

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSER' COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES	VED, ACTIONS TAKEN	AND CORRECTIVE ACTION OF CONTRACTO	R INCLUDE
See attached Project Engineer's QA Soperformed throughout this period.	upplemental R	eport for details of QA In	spections
			•
			·
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names NONE	, reactions and remark	s)	
			·
CONTROVERSIAL MATTERS IN DETAIL. NONE			
NONE			
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERE	D IN OCR REPORT OR	DISAGREEMENTS:	
NONE			
	/ 1 1 <i>h</i>		
Contractor's Quality Control Report REMARKS (Include visitors to project and miscellaneous remarks)		AXASUNDANACIOEOX) IOT THIS (XDRAN	pey period).
GOVER NAMES DESIGNATIO	NMENT PERSONN	EL ON SITE HRS. ON SITE	DUTIES
C. WAGNER Civ. Engr., (_	15 hrs.	PE PE
NOTE: QAR, Z. Bryant on annual leave	e throughout	this period.	
SAFETY (Include any infractions of approved safety plan, safety in No safety infractions were noted thro			e action taken.)
		•	
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	IDATE
ZANE D BRYANT JR.	11 JAN 95	سر سر	1/17/18
(Neverse of ENG PORM 2538-2 (CIVIL)		Page 2 of 2 pages	

QAR #___43

DATE: 23 Dec 94 thru 08 Jan 95

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	7.5%	7.5%	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	0.5%	0.5%	0.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	1.0%	-0-	1.0%	1.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	4718.7sf	4718.7sf	2.5%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	1.0%	-0-	1.0%	1.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

DA Inspections Performed & Results: Of Steved Contractor personnel
strek + down approx. 30' of short piling.
Tanglate used to alive poles 1 4 foot
laval usul to maintain plumpness. Contractor
ves driving short poline. 10 pairs. All
prosonnal wearing hard hets on-site.
Instructions to COCREMANS: Mr Bown Kingon called regarding
difficult driving that they were encountaring.
However when I arrived at the site no
deliculty was observale Some accidence
noted approximately 100 down but was
quickly broken thrs. It took appear 3-5
minutes to drive piling to final grada
7
•
Chant Dagner Proj Engr
Name / Tale

DA Inspections Performed & Results:	No work perfoamed
dun to wat	conditions of INNA. OSSARJA
parsonnal survey	Isynt it new chart piling
	•
	<i>a1 1</i> ,
Instructions to COC/Remarks:	· Nowa today
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	•
•	· · · · · · · · · · · · · · · · · · ·
•	· · · · · · · · · · · · · · · · · · ·
	Charl Dagner Proj Engr
	Name Tale

OA Inspections Performed & Results:	Bound	Our sonnol	
continuing to as sa	1.	is staging	
are. No other	work p.	erformel dua:	Å.
west conditions	work p. other than	some miscellan	ع م ا
itams around tha	yard.		
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Instructions to CQC/Remarks:	· w/A		
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•	•		
	Chand W	some Proje	Engr
	None / N	Tale	

QUALITY ASSURANCE REPORT SUPPLEMENT

\ Inspections	Performed & Results: (antinuing to cut off
existing	short p.h.s D aboution 6.75. Also
observe	I arragad start ascambling forms
that	were delivered to staging area.
	•
	· •
· · · · · · · · · · · · · · · · · · ·	
	•
	the waterstop has been tested & approved this contract.
	
	
•	
	· · ·
	Charl Hagner Prin Engr

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: OS sarund parsonnel pulling
up existing sheet plying + than cut oft
shorts 2 el 6.75'. This is necessary
is order to maintain temp flood protection.
Also observed personal entarting to layout
excevation cut w stakes being set to-
a stablish aliment.
Instructions to COCRemarks: 11000 Tolly
•
•
CI III P. E.





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)

0 6 JAN 1935

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. Cutlet 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:

Encl

RYAND MATHER

Director, Structures Laboratory

CF (w/encl):
CELMN-CD-CC (James Berry)
CELMV-ED-G

REPORT OF POLYVINYL CHLORIDE WATERSTOP CRD-C 572

CTD SERIAL NO.:	TESTED BY:	DATE:	
950003	CEWES-SC-EM	23 Dec 94	
MATERIAL TYPE:	MANUFACTURER:	LOT NO.:	
Type DB, 9-in., 3-bulb	GREENSTREAK	94209	
PROJECT:	CONTRACT NO.:	DISTRICT:	
L PONTCHARTRAIN, LONDON	DACW-29-94-C-0079	NEW ORLEANS	

PROPERTY	PROCEDURE	REQUIREMENT	RESULTS
TENSILE STRENGTH		MIN. 12.07 MPa (1750 psi)	
ULTIMATE ELONGATION	CRD-C 573 (ASTM D 412)	MIN. 300%	330 %
	CRD-C 570 (ASTM D 746)	NO FAILURE	NO FAILURE
STIFFNESS IN FLEXURE		MIN. 4.14 MPa (600 psi)	
ACCELERATED EXTRACTION: ULTIMATE ELONGATION	CRD-C 572	MIN. 280 %	310 %
TENSILE STRENGTH		MIN. 10.34 MPa (1500 psi)	
EFFECTS OF ALKALIES: CHANGE IN WEIGHT AFTER 7 DAYS CHANGE IN HARDNESS	CRD-C 572	-0.10% to +0.25% MAX. ± 5 pts.	
AFTER 7 DAYS		1111. 1 0 pcs.	o pc.

REMARKS

DATE: 01/06/95 REPORT NO.: 66

SKIES: Cloudy/Rain RAIN: 0.20IN. TEMP.: 58 MIN. 70 MAX.

<u>DUST</u>:None <u>LEVEE CONDITION</u>:Wet <u>CANAL GAUGE</u>:(2.0) <u>NOISE</u>: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.

1	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY									
NO	NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION									
2	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	**	u	16	**	11			
1	Supt.	8	41	u u	14	н	"			
1	QC Rep.	8	"	l II	ti .	н	н			
2	Unskilled	10	GILL'S CRANE	Driving	new CZ-1	01 Sheet Pil	les.			
1										

PAGE 1 OF 3

\9402\QCRPT

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.

\9402\QCRPT2 PAGE 2 OF 3

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

Date

01/07/95

\9402\QCRPT3A PAGE 3 OF 3

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

\9402\QCRPT

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

PAGE 1 OF 3

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										
2	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	u							
1	Supt.	8	"	11 11 11 11						
] 1	QC Rep.	8	ıı ı	и и и						
2	Unskilled Skilled	16 8	GILL'S CRA	ANE Driving new CZ-101 Sheet Piles on the East Bank (See Location Above)						

	i F		······································	 	
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.

\9402\QCRPT2 PAGE 2 OF 3

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 \dagger . 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 of replacement. MISSISSIPPI VALLEY EQUIPMENT will inspect Hammer, hoses, and power pack tomorrow on the job site.

Checked & repaired Safety Fencing at Fillmore 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.

01/05/95

Authorized QC Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

DATE: 01/04/95

REPORT NO.:64

SKIES:Cloudy

RAIN: 0 IN. TEMP.: 35 MIN. 48 MAX.

PAGE 1 OF 3

DUST:None

\9402\QCRPT

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	3 Unskilled 24 B & K Driving new CZ-101 Sheet Piles; Assembling I-Wall forms; Trimming weeds. (See Locations Above)							
5	Skilled	40	п	u a	ıı	"		
1	Supt.	8	u	a u	ıı	и		
1	QC Rep.	8	и	11	и	н		
2	Unskilled	16	GILL'S CRANE	Driving new CZ-1	01 Sheet Pile	s		
1	Skilled	8	11	(See Locations A	bove)			

DESCRIPTION	ARR/DEP	SAFE	Y CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	_	\	′es	4	4	
Komatsu D37P Dozer		١	10	0	8	_
Kubota 151 Excavator		١	10	4	4	
Case 580 Backhoe		No		0	8	
Koehring 535 Crane	***************************************		′es	8	0	
MKT Vibro Hammer		`	′es	8	0	
Kobelco LK 500 Loader	***************************************	1	10	0	8	
J.S.W. Excavator	ARR 12/2	29/94 Yes		3	5	
				, , , , , , , , , , , , , , , , , , ,		

TESTS PERFORMED

(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None received today.

\9402\QCRPT2

PAGE 2 OF 3

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 at noted.

Authorized QC Representative

Date

01/04/95

\9402\QCRPT3A PAGE 3 OF 3

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 assemb	ly					
4	Skilled	24	"		ii ii					
1	Supt.	8	11	п п	н					
] 1	QC Rep.	8	и	11	н					
		į								
<u></u>										
\94	02\QCRPT				PAGE 1 OF 3					

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.

\9402\QCRPT2 PAGE 2 OF 3

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 at noted.

01/03/95

Authorized QC Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

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 Mee	ting
ATTENDEES	
1-3-95	
1 3 70	
1. 1. \$	
Jern Justice	
Mike Concount	
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DATE: 12/29/94

REPORT NO.:62

SKIES:Cloudy

RAIN: O IN. TEMP.: 60 MIN. 68 MAX.

PAGE 1 OF 3

DUST:None

\9402\QCRPT

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/WO	RK DESCRIPTI	ON			
4	Unskilled	32	8 & K	conne	l Form asserctions; gradions above.	ss cutting (
4	Skilled	32	11	ıı .	u	II .	н			
1	Supt.	8	11	n n		"	1 1			
1	QC Rep.	9	u	"	u	H	n			

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	
Komatsu D37P Dozer	New York	No	0	8	was
Kubota 151 Excavator		No	0	8	Name .
Case 580 Backhoe		Yes	2	6	
Koehring 535 Crane		No	0	8	•
MKT Vibro Hammer		No	0	8	10000
Kobelco LK 500 Loader		Yes	2	6	-

TESTS PERFORMED

(As required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

\9402\QCRPT2 PAGE 2 OF 3

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 phans and specifications except at noted.

Authorized QC Representative

Date

12/29/94

\9402\QCRPT3A PAGE 3 OF 3

DATE: 12/28/94

REPORT NO: 61

SKIES: Pt. Cloudy

RAIN: O IN. TEMP: 44 MIN 68 MAX

DUST: Minimal

\9402\QCRPT

LEVEE CONDITION: Dry

NOISE: Minimal

PAGE 1 OF 3

(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											
5	Unskilled	40	B & K	Filmor Wall F area;	rian Bridge e Avenue; be orms in Prat Structural E ns Above.)	egan build: t Drive St	ing I- taging				
2	Skilled	16		l u	ıı		п				
1	Supt.	8	•	"	11	"	"				
1	QC Rep.	8	н	u	61	ti.	11				
2	2 Skilled 12 Gill's Crne Cutting off existing RZ-10 Sheet Piling and hauling them off the job site. (See locations above.)										

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR			
Komatsu 200 Excavator		Yes	2	6				
Komatsu D37P Dozer		No	0	8				
Kubota 151 Excavator	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yes	3	5	•••			
Case 580 Backhoe	VAM	No	0	8	V			
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.

\9402\QCRPT2 PAGE 2 OF 3

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

\9402\QCRPT3A

PAGE 3 OF 3

DATE: 12/27/94

REPORT NO.:60

SKIES:Clear

RAIN: 0 IN. TEMP.: 35 MIN. 65 MAX.

PAGE 1 OF 3

\9402\QCRPT

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	NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION										
4	Unskilled	32	B & K	Filmore Aver Protection -	ridge Demolit ue, Temporary East Bank St (See Stations	Flood ructural					
1	Skilled	8	n	11 11	"	"					
1	Supt.	8	и	н	(1	"					
1	QC Rep.	8	"	n	п	ti .					
2	Skilled	16	Gill's Crane	Piling and o	existing RZ-10 outting off at Stations Above	elevation					

	·			***************************************	
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.

\9402\QCRPT PAGE 2 OF 3

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 epecifications except at noted.

12/27/94

Authorized QC Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

MINUTES OF SAFETY MEETING TIME: 7:30 AM DATE: 12/27/94 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	
ATTENDE	LI CONTRACTOR CONTRACT
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' ANSPE	** **SPECTORS QUALITY AS RANCE REPORT (QAR)							THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR						
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)							REPORT	NUMBER						
										42				
	Area Engineer,							DATE		ırsday			ı	
CELMN-CD	CELMN-CD-NO CELMN-CD PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,									ember 1	1994	+	-	
Mirabeau Ave	Pontchartra	iin, La. an C. Simon B	a vi 1,,,d	CIUITA	, LUNCE and Dar	nı E	h Loui	naı,	CONTRACT NUMBER DACW29-94-C-0079					
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SUPERVISORY	OFFICE	LAYOUT	_	ECTION	TOTAL		LABOR		FEET	Janar	TIME			-
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2-10 hrs	2-10 hrs	5-25 hrs	9-	45 hrs	0700	M	1200M	M		M	,	M		М
Attach list of the Note: If the cor	e following: (a) Ma htractor's Quality C	por items of equipment ontrol Report (QCR	ent eith) contai	ner idle or i ins the info	working, and irmation it n	(b) N n bee	lumber and o of be repeate	classification ed	of contract	or person	nel onsite.			
CONTRACTOR/SUB	CONTRACTORS A	AND AREA OF RES	PONSIE	BLITY FOR	WORK PER	RFOR	MED TODAY	7						
a B&KC	onst. Co	Inc PE	DESTI	RTAN B	RIDGE D	EMO	DITTION	: TEMPOR	RARY FI	1.00D 1	PROTEC	ттог	1	
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WORK PERFORMS	ED TODAY (Indicat	le location and descr	ption of	work perfor	med. Refer t	o wor i	k periormeul b	y prime and/or	subcontrac	tors buy l	etter in Tabl	e abov	·•)	
See the at	ttached COC	Report fo	r de	tails	of work	. De	erforme	d this d	late.					
		1				r								
		s shut-dow												
Days of no work and	d researche for easter													
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Information on prog	ress of work, cause	s for delays and ex	ent of d	delays, Plai	nt, material,	etc.								
		scheduled				т В8	K Cons	t. and 0	Gill's	Crane	e Serv	ice,	, this	
date. See	attached C	QC Report	for (detail	s.									:
							DD	Dame D	DO 1000	dorum.	. D/IID			
DATE SET FOR COMPLETION: 22 MAR 96 PERCENT PROJECT COMPLETE: 5.0% PERCENT TIME ELAPSED: 21.9%														
				•				KCENI I	THE EL	AFSED	<u> </u>		1.9%	
COC INSPECTION							1							
Attended	the Iollowi	ng CQC Ins	pect	ion Ph	ases th	118	date:							
PEDESTRIA	N BRIDGE DE	MOLITION:	No :	instru	ctions	iss	sued.							
<u>TEMPORARY</u>	FLOOD PROT	ECTION: N	o ins	struct	ions is	sue	ed.							
CUTTING O	FF OF EXIST	ING RZ-10	SHEE	r PILE	\underline{S} : No	ins	structio	ons issu	ied.					
	•													

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES	AND CORRECTIVE ACTION OF CONTRACTO	R INCLUDE
The following Preparatory Inspections were perform		n a m m a m = 1
<u>PEDESTRIAN BRIDGE DEMOLITION</u> : See attached minute attending this meeting.	s for ropics discussed and	personnel
Attended the following Follow-Up QA Inspections we	re performed this date:	
PEDESTRIAN BRIDGE DEMOLITION: Observed B&K person	nel removing handrail supp	orts 4"X4" from
the pedestrian bridge located near Robert E. Lee B	lvd.	
CUTTING OFF OF RZ-10 STEEL SHEET PILES: Observed		
pulling up the existing RZ-10 piles approx. 3.25', cutting torch at approx. elev. +6.75' as required		
approx. East B/L Sta's 117+52 and 117+97.	for the temporary flood pr	orection, between
TEMPORARY FLOOD PROTECTION: Checked and found com	tractor using the existing	RZ-10 sheet
piles, which were cut-off at approx. elev. +6.75',		
QUALITY CONTROL: Contractor is providing adequate	quality control this date	•
	•	
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remark		
NONE	75)	
MOME		
CONTROVERSIAL MATTERS IN DETAIL.		
NONE		
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR	DISAGREEMENTS:	
NONE		
Contractor's Quality Control Report (submitted/xx	otxxsubunixboedx) for this (dat	e/penxiook).
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)		
GOVERNMENT PERSONS		
NAMES DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT Cosnt. Insp., GS-07	7 hrs.	QAR
SAFETY (Include any infractions of approved safety plan, safety manual or instructions for	Man Country of Country	
Checked and found all personnel working in the vic		
to be wearing hard hats, hearing protection, safet	-	
No safety infractions were noted this date.		
INSPECTOR'S SIGNATURE DATE	SUPERVISOR'S INITIALS	IDATE /
Janel Burent	yw A	1/12/95
(Heverso of ENG FORM 2538-2 (CML)		
(Inditional of End FURM 2006-2 (GIVIL)	Page 2 of 2 pages	

NTRACT NO.: DACW29-94_C- 0079

QAR # 42

DATE: Thu. - 22 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	7.5%	-0-	7.5%	7.5%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	1.0%	-0-	1.0%	1.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0:0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	ERÓSION CONTROL, ALL OVER 10,670 LINEAR FEET	² ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	1.0%	-0-	1.0%	1.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
							<u> </u>

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											
5	Unskilled	25	B & K	Pulling up an RZ-10 Sheet P	idge Demolitio d cutting off iling, for Tem ion.(See Above	existing porary					
1	Skilled	5	ıı ıı	n n	łı	"					
1	Supt.	5		9 11	11	11					
1	QC Rep.	5	"	u	н	и					
1	Skilled	5	Gill's Crne	RZ-10 Sheet P	cutting off ex iling for Temp ion. (See loc a	orary					

\9402\QCRPT PAGE 1 OF 3

L					
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	Naco	No	0	8	****
Koehring 535 Crane		Yes	5	3	Vade
MKT Vibro Hammer	-	Yes	5	3	NAME:
Kobelco LK 500 Loader	***************************************	No	0	8	

TESTS PERFORMED
(As required by plans/specifications)

٠.			
N	\sim	n	

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 3

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 at noted.

Authorized QC Representative

Date

12/22/94

\9402\QCRPT3A PAGE 3 OF 3

B & K CONSTRUCTION

DACW29-94-C-0079

LONDON AVENUE OUTFALL CANAL

PREPARATORY AGENDA PEDESTRIAN BRIDGE DEMOLITION 12/21/94

- 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.

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.

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 Date

PAGE 2 OF 2

PEDESTRIAN BRIDGE DEMOLITION ATTENDEES 12/21/94

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cu	C INSPECTION	PHASES ATTENDE	D AND INSTRUCTE	ONS GIVEN:									_
	Attended	the follow	ing CQC In	spection P	hases	this	date:						
	PEDESTRI	AN BRIDGE D	EMOLITION:	No instr	uction	s is	ssued.						
ı	TEMPORAR	Y FLOOD PRO	TECTION:	No instruc	tions	issu	ied.						
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RESULTS OF GA 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.

NONE

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

NONE

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 1 hr. PE

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.

DATE SUPERVISOR'S INITIALS

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CONTRACT NO.: DACW29-94-C- 00

QAR # 41

DATE: Wed. - 21 Dec 94

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	5.0%	2.5%	7.5%	7.5%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	0.8%	0.2%	1.0%	1.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	0.8%	0.2%	1.0%	1.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
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QUALITY ASSURANCE REPORT SUPPLEMENT

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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: O 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											
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	n n	1 1 1							
1	QC Rep.	8	l "	n							
2	Skilled	10	Gill's Crne	Pulling up & cutting off existing							
1	Unskilled	4	u	RZ-10 Sheet Piling for Temporary Flood Protection. (See Stations Above)							

\9402\QCRPT PAGE 1 OF 3

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	- Special Control of the Control of	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.

\9402\QCRPT PAGE 2 OF 3

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

\9402\QCRPT3A

PAGE 3 OF 3

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c														-
	ED TODAY (Indicat attached CQ									s buy	letter in Ta	ble abo	r e)	
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Progress	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.													
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CUTTING	OFF EXISTIN	G SHEET PI	LES:	No i	nstruct	io	ns issu	ed.						

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTO	R INCLUDE
The following Follow-Up QA Inspections were performed this date: PEDESTRIAN BRIDGE DEMOLITION: Observed B&K personnel continuing to remove we from the pedestrian bridge located near Robert E. Lee Blvd. CUTTING OFF EXISTING STEEL SHEET PILES: Observed contractors using the vibre pull existing RZ-10 steel sheet piles up approx. 3.25' and cutting off these elev. +6.75'. Contractors are using oxyfuel (oxygen/propane) cutting torchest TEMPORARY FLOOD PROTECTION: Observed contractors cutting off the existing sat approx. elev. of +6.75, between approx. East B/L Sta's 118+17 and 118+39. piles will be used for the temporary flood protection in this area. ENVIRONMENTAL PROTECTION: Noted that no debris from the demolition of the pat Robert E. Lee Blvd. was being allowed to fall into the adjacent London Av QUALITY CONTROL: Contractor is providing adequate quality control this date	ooden handrails atory hammer to piles at approx teel sheet piles These existing edestrian bridge e. Canal.
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	4
Contractor's Quality Control Report (submitted AXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	te Apanakovak).
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 corrects	
Checked and found personnel using cutting torches to cut existing steel shee wearing leather gloves, cutting goggles, hard hats, at steel-toed boots.	et piles, to be
No safety infractions were noted this date.	•
INSPECTOR'S SIGNATURE DATE SUPERVISOR'S INITIALS	DATE
ZANE D. BRYAN JR. 21 Dec 94	12/21/19
(Reverse of ENG FORM 2538-2 (CIVIL)	

QAR #____40

DATE: Tue. - 20 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	1.0%	4.0%	5.0%	5.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	0.6%	0.2%	0.8%	0.8%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	0.6%	0.2%	0.8%	0.8%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
					_		

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: O 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 $\frac{1}{1}$ 8.5'.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY										
NO	TRADE	HOURS	COMPANY	LOCA	ATION/WOR	K DESCRIPTIO	DN				
5	Unskilled	40		1		destrian Bri ing Sheet Pi	·				
1 1	Skilled Supt.	8	n n	"	u u	u 11	"				
1	QC Rep.	8	"	11	"	n	" ,				
1	Skilled	8	Gil's Crane	cutting	them off	ing Sheet Pi at elevatio ood Protecti	on 6.75				

\9402\QCRPT

PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

	P.:			***************************************	
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	2	6	***************************************
Komatsu D37P Dozer		No	0	8	
Kubota Excavator	www.	No	0	8	***************************************
Case 580 Backhoe	-	No	0	8	ww.
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.

\9402\QCRPT PAGE 2 OF 3

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

Date

12/20/94

\9402\QCRPT3A PAGE 3 OF 3

INSPE	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CUNSTRUCTION - CIVIL							THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR						
·	DAILY LOG (OF CUNST :-(ER 415-1		TION -	- CIVIL			Ì	REPORT NUMBER					
70				G0F					DATE Sat., Sun. & Mon.					
Area Eng	ineer,			COPY			nst. Di	v.		Sat. 18 &				2/
CELMN-CD-	<u>-NU</u> Pontchartrai:	n. La. and	d Vic	initv			<u>N-CD</u> Ave. Cai	nal.	_	ACT NUME		embe	199	74
	e. to Leon C	•		•	•			,		ACW29-		0079		
	hired labor) B &										_		Rain	,
		hway 59, i							WEATHER Cloudy with Rain to Clear and Cool					
	PORTION OF SCHE			_							TEMPE	RATUR	Ε	
STRUCTURAL EXCAVATION	BORROW EXCAVATION 50 %	EMBANKMEN	··	CONCRE		ST	RUCTURE	,	MINIMU		MAXI	MUM	2.0	
50%	50%	5	50 %		50%	Щ	5(0%		40°	HOUR P		Z °	
	DEVELOPED ON THE		MGHT	Ø	k NO		YEŞ (Explai	n)	INCHE	S Sat.	END		MILON	
LEAD TO A CHAP	NGE ORDER OR FIND	ING OF FACT?		_						0.20"	ENU		30 [.]	м
	NUMBER OF GOVE	RNMENT EMPLO	YEES							Cana1	RIVER			
SUPERVISORY	OFFICE L	AYOUT	INSPE	CTION	TOTAL		LABOR		FEET		TIME			
1-1 hr.			1-8	hrs	2-9 hr	s				2.10'		080	00	м
	CONTRACTOR'S EMP		T-0-:				NUMBER OF		☑ 1	[] 2	3	3		
SUPERVISORY 2-16 hrs		ABORERS	TOTAL 0_6		FROM	- 1	1520M	FROM	то		FROM		то	
2-10 nrs	1-8 hrs 5	5-40 hrs	0-0	4 hrs	0700	<u></u>	1530 M	М .		м_		М		м
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.														
CONTRACTORISHIS	CONTRACTORS AND	AREA OF DESI	DOM C:DI	LITY FOR	WORK PE)EO	SMED TODAY	,						
<u>B & K Co</u>	onst. Co., I	nc PEI	DESTR.	IAN BI	RIDGE D	EM(OLITION:	; SHEET	PILES	3				_
b .														_
c														
														_
WORK PERFORM	ED TODAY (Indicate in	ocation and descri	ption of w	vork p e rlor	rmed. Refer t	o woi	rk performed b	y prime and/or	subcontri	actors buy	letter in Tai	ble abo	r e)	
	attached CQC						performe	ed this	perio	od. No	work	sche	eduled	1
or perfor	rmed on Sat.	and Sun.,	, 17	and 18	8 Dec 9	4.								
									_					
Days of no work and														_
50% of da	ays lost due	to advers	se we	ather,	/wet gr	oui	nd cond	itions o	n 01,	05,	06, 16	\$ 6	l9 Dec	94.
2														
Information on oron	ress of work, causes for	or delays and pyte	ent of de	niave Diss	ni malwisi	elr.								
	scheduled or			-				. & Sun). Mi	nor w	ork ne	rfo	rmed c	on
	Dec 94. See								,		n pc			
				-										
								RCENT PI					5.0%	
DATE SET	FOR COMPLETI	ON:2	22 MA1	R 96			PE	RCENT T	LME E	LAPSED):	21	L.4%	
	PHASES ATTENDED													
Attended	the following	ng CQC Ins	spect	ion Pl	hases o	n l	Mon., 19	9 Dec 94	:					
PEDESTRIA	AN BRIDGE DEM	MOLITION:	No	instru	uctions	i	ssued.							
STEEL SHE	EET PILES: N	No instruc	tion	s issu	ued.									
SAFETY FE	ENCE: See "	erbal Ins	truc	tions'	" on ba	ck	of this	report		•				
	•													

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 on Mon., 19 Dec 94:

<u>PEDESTRIAN BRIDGE DEMOLITION</u>: Observed B&K begin to remove the handrails and chain-link fencing from the pedestrian brige 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 OCR REPORT OR DISAGREEMENTS:

NOTE: CQC Rep., M. Tassin informed QAR, Z. Bryant on Mon., 19 Dec 94, that B&K Const. and \overline{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.

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
 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.

NICOS OTO DIE CONTROL DE LA CO			
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
Jan St. Du don			· · · · · · · · · · · · · · · · · · ·
	, ,	· ywa	12/27/94
ZANE´D BRYA	JR. / 20 Dec 94		1 ''', ''',
Many page of SAM BARRADA			

CONTRACT NO.: DACW29-94-C- 00

QAR # 39

Sat., Sun. & Mon.

DATE: 17, 18 & 19 Dec 94

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	0.0%	1.0%	1.0%	1.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	0.6%	-0-	0.6%	0.6%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0:-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	0.6%	-0-	0.6%	0.6%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

A Inspections Performed & Result	s: Observed	Parsonna	st	ar t
ramouny parlasta	en briden	plar /	Robert	E. La.
Hand rails win	ramoval	with a	ross	boards
to follow. Har				
bridge for sa	faty pur	Posas.		·
	.,		<u>.</u>	•
		•		
	* **			
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				·
of COC Cap Jac	ry Justin	•	thay	
construction united	1		1)	/ -
Both agreel to			, nstru	
than to just	ell tamp	chais low.	k fan	
across bridge , o	Panings	until k	rilga	<i>j</i> s :
completify de	nolished.			
			 .	
			<u> </u>	
	Chan	& Dagner	Proj	Engr

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	Bridg Pilin	ning demolit e and Moving g to work are Locations Abe	CZ-101 She ea.	I			
1	Skilled	8	"	"	11	II .	11			
1	Supt.	8	l u	"	11	н	"			
1	QC Rep.	8	65		"	ti	11			

\9402\QCRPT PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	*****	Yes	6	2	-pain-
Komatsu D37P Dozer		No	0	8	
Kubota Excavator		No	0	8	_
Case 580 Backhoe	<u> </u>	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

\9402\QCRPT PAGE 2 OF 3

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

Checked Heat Numbers painted on CZ-101 Steel Sheet Piling. CASTEEL still needs to submitt 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 at noted.

Authorized QC Representative

12/19/94

Date

\9402\QCRPT3A

PAGE 3 OF 3

,	NUTES OF SAFETY MEETING	
DATE: 12/	/19/94	TIME: 7:30 AM
PROJECT:	DACW29-94-C-0079 LONDON AVENUE OUTFAI	LL CANAL
	LONDON AVENUE FLOODWALL	
MEETING C	CONDUCTED BY: Jerry Justice	
PERSONS A	ATTENDING: SEE ATTACHED	
object se lifting w All heavy technique and crew, Slings,	Proper lifting techniques to cussed. Employees were instructed to eems too heavy to lift. Keeping the was recommended, using the leg muscles y lifts will be made by equipment, us es. Slings and Chains will be inspect, checking for any damage or defects. Chokers, or Chains will be discarded with good ones.	get more help if any back straight while s to pick up the load. ing proper Rigging ted daily by the operator Defective or worn immediately, and
COMMENTS:	: Never work or walk under any suspend	ded load.
	A.D.	o som

CONTRACTOR'S SUPERINTENDENT

B & K CONSTRUCTION DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL Safe	ty mec	ting
•	ATTENDEES	,
	2-19-9	
Mike Coneour		

INSP	INSPECTORS QUALITY JURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL								THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR					
÷	(ER 415-1-302)									REPORT NUMBER				
TO Area Fra	incon		CORV	то с	/2 . 5		DATE T	38						
το Area Eng CELMN-CD			COPY		Const. D	LV.	Friday							
PROJECT Lake		in Ia an	d Wicinit	T I onde	CLMN-CD	27.1	16 December 1994							
Mirabeau Av	e to Leon	C Simon R	1 vicinit	oane Dar	ich Iou	icione		-94-C-00	70		J			
CONTRACTOR (Or	hired labor) B &	K Constru	ction Com	Dany To	isii, Lou	istalia.			_		-3			
	1905 Hi	ghway 59, i	dandavill	pany, in a la	70448		WEATHER Par							
		EDULED DAY SUI			70440		to	Cloudy TEMPERA			<u>n</u>			
STRUCTURAL	BORROW	EMBANKMEN			STRUCTURE		MINIMUM	MAXIMI			-			
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			70 ~ 1	70%				4 HOUR PRE			-			
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	NUMBER OF GOV	ERNMENT EMPLO	OYEES					RIVERS	_	30	———			
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	TIME						
1-2 hrs			1-6 hrs	2-8 hr	s		2.00'	11	08	300	м			
NUMBER OF	BER OF CONTRACTOR'S EMPLOYEES NUMBER OF SHIFTS				F SHIFTS	⊠ 1 □ 2								
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	то	FROM		TO				
2-16 hrs	2-13 hrs	4-32 hrs	8-61 hrs	0700	1530M	M	M	1	м		м			
Attach list of the	tollowing: (a) May	or thems of equipm	ent either idle o	working and	(b) Number and	claredication	al contractor porce	anal annuta						
Note: If the cor	ntractor's Quality Co	introl Report (OCR)) contains the in	formation it ne	ed not be repea	led	or contractor perso	TING CHANG.						
CONTRACTOR/SUE	CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY													
			_			••								
a B&KC	onst. Co.,	Inc TEN	<u>(1PORARY F</u>	LOOD PRO	TECTION						- 1			
b. Gill's C	<u>Crane Servi</u>	ce, Inc	CUTTING	OFF EXI	STING SHE	ET PILES	<u> </u>				_ !			
c.														
									_		-			
WORK PERFORME	ED TODAY (Indicate	location and descri	ption of work perf	ormed. Refer to	work performed	by prime and/or	subcontractors buy	letter in Table	abor	•)				
See the a	attached CQ	C Report fo	or detail	s of wor	k perform	ed this	date.							
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PERCENT PROJECT COMPLETE: 5.0%														
DATE SET FOR COMPLETION: 22 MAR 96 PERCENT TIME ELAPSED: 20.9%														
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	PHASES ATTENDED			T	Dh		1-4-							
Attended	the follow	ing CQC Pre	∍paratory	Inspect	ion Phase	es this c	iate:							
CUTTING (OFF OF EXIS	TING STEEL	SHEET PI	LES: No	instruct	ions iss	sued.							
TEMPODAD	Y FLOOD PRO	TECTION	Vo instru	ctions i	ssued									
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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 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 OF 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 require-

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 OCR REPORT OR DISAGREEMENTS:

NOTE: Heavy rainfall at approx. 1330 hrs. shut-down all phases of work being performed this date on job site.

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

GOVERNMENT PERSONNEL ON SITE

NAMES DESIGNATION HRS. ON SITE DUTIES C. WAGNER Civ. Engr., GS-11 2 hrs. PE

Z. BRYANT Const. Insp., GS-07 5 hrs. OAR

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 SUPERVISOR'S INITIALS 12/22/94 19 DEC 94

(Heverse of ENG FORM-2538-2 (CIVIL)

QAR #____38____

DATE: Fri. - 16 Dec 94

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	0.2%	0.4%	0.6%	0.6%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	² ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	0.2%	0.4%	0.6%	0.6%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

DA Inspections Performed & Results: HTrandel properatory mendings on "Structural execution + backfill" "temporary phases of work. Minusters to follow ASAP. Observed presonnel of off a few of the existing sheet prince to at C.75. This alouation must be maintained for temporary flool production. Tassin to COCREMENTAS: To formal COC Supt Mike Tussin to you a head with with the justallating of the "slatic around the storage year fance since the med has been with all the sail him would but it would fake approx 10 lays to order to chair the material.	OA Inspections Performed & Results: ATTANA . I Draggetory meding
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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

\9402\QCRPT

LEVEE CONDITION: Dry NOISE: Minimal

PAGE 1 OF 3

(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	NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION										
4	Unskilled	32	B & K	positio		Sheet Piling t to work are bove)	-				
1	Skilled	8	n n	u	11	II .	"				
∥ 1	Supt.	8	"	u	n	**	**				
1	QC Rep.	8	in in	n	**	n .	"				
1	Skilled	5	Gil's Crane	Cutting		ting Sheet P IONS ABOVE)	ile				

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	<u></u>	No	0	8	~~~
Case 580 Backhoe	-	No	0	8	•••
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer	Departed	<u> </u>	**************************************		
Kobelco LK 500 Loader		Yes	0	8	***************************************

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 3

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 Qt Representative

12/16/94

Date

\9402\QCRPT3A

PAGE 3 OF 3

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.

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 minumum 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.

Cen Onto	12/16/94
Authorized QC Representative	Date

PAGE 2 OF 2

PREPARATORY MEETING
STRUCTURAL EXCAVATION AND BACKFILL
ATTENDEES
12/16/94

Jane Bujant Auf Nagun Jerry Justice	BE/ Superinterport COE B+K Quality Control

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.

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 maximim 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.

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

PAGE 2 OF 2

PREPARATORY MEETING
TEMPORARY FLOOD PROTECTION
ATTENDEES
12/16/94

	12/10//4
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DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

FOR STEEL SHEET PILING 12/16/94

- 1. The required 24 hour notice was given to Inspector Bryant on 12/12/94.
- 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.

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 satisfiy 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 diaphram 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.

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 minumum. 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 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 Date

PAGE 2 OF 2

PREPARATORY MEETING STEEL SHEET PILING ATTENDEES 12/16/94

Rape Suport Christophy Dustra	DE// Supervision

	INSPECTORS QUALITY SURANCE REPORT (QAR)						THE	THE OCR WILL SE ATTACHED TO OR FILED WITH THE QAR					
	DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)						REPOR	RT NUMBER	-				
	_									37			
10	Area Engineer, COPY TO: C/Const. Div.					DATE	Thursday 15 December 1994						
	ROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,					CONTE	ACT NUM		rıy	194	-		
			C. Simon B					D	ACW29-	94-C-0	079		
CON	TRACTOR (Or		K Construc	_	,			WEAT	HER				,
			ghway 59, i			70448		P	artly	Cloudy			
STR	JCTURAL	BORROW	HEDULED DAY SUT EMBANKMEN			STRUCTUR	F	MINIM		TEMPER.		<u> </u>	
EXC	AVATION 100%	EXCAVATION 100	* 100) %	100 %		- 00 %		50°	MAAIN		2°	
									24	HOUR PR	ECIPI	TATION	
		DEVELOPED ON TH NGE ORDER OR FI	HE WORK WHICH A NDING OF FACT?	AIGHT E	k NO	YES (E)	(nisiq	INCHE		ENDI			
		NUMBER OF COL	VERNMENT EMPLO	VEEC				-	0.00"	DIVED 0	07:		м
SUPE	RVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	Canal	RIVER S	IAGE		
1-	1 hr.			1-5 hrs	2-6 hr	s		'	1.70'	''	080	00	м
		CONTRACTOR'S E	MPLOYEES			NUMBER	OF SHIFTS	⊠ 1	2	3			
	ERVISORY	SKILLED	LABORERS	TOTAL	FROM	το 1500	FROM	то		FROM		то	
	16 hrs	2-14 hrs	4-32 hrs	8-62 hrs	<u> </u>			<u> </u>	<u>M</u> _	<u> </u>	<u> </u>		M
Â	Itlach list of the Note: If the co	e following: (a) Ma ntractor's Quality Co	or items of equipme ontrol Report (QCR)	ent either idle or i contains the info	working, and ormation it n	(b) Number a sed not be rep	nd classificatio eated.	n of contra	actor persor	nnel onsite.			
CON	TRACTOR/SUE	CONTRACTORS A	ND AREA OF RESP	PONSIBILITY FOR	WORK PER	RECEMBED TO	DAY						
а	B & K C	onst. Co.,	Inc STE	EEL SHEET	PILES;	TEMPORA	RY FLOOD	PROTE	CTION				
b.	Gill's	Crane Servi	ce, Inc	CUTTING	OFF EXI	STING S	HEET PIL	ES					_
C.													-
													_
wo	RK PERFORM	ED TODAY (Indicate	e location and descrip	ption of work perfor	med. Refer t	o work periorm	ed by prime and	or subcont	ractors buy	letter in Tabl	le abor	•)	
	See the	attached CQ	C Report fo	or details	of wor	k perfo	rmed thi	s date					
Days	of no work and	t reasons for same:											
	50% of da	ays lost du	e to advers	se weather	/wet gr	ound co	nditions	on 01	. 05 &	06 De	c 94	4 .	
ŀ									,				
 						·							
			s for delays and extended and	•			and Gi	11's C	rano S	oruioo	+h·	ia dai	-
		ched CQC Re		periorme	d by bu	K Collst	. and GI	11 5 0	Tane 5	ervice	CII.	is dat	٠٠.
		•											;
		705 G01/57 Fm					PERCENT					5.0%	
		FOR COMPLET		MAR 96			PERCENT	TIME E	ELAPSED):	2(0.7 <u>%</u>	
			D AND INSTRUCTO		_								
Attended the following CQC Inspection Phases this date:													
	TEMPORARY FLOOD PROTECTION: No instructions issued.												
CUTTING OFF EXISTING SHEET PILES: No instructions issued.													
	STEEL SH	EET PILES:	No instruc	ctions iss	ued.								
		·											

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COIC 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 OCR REPORT OR DISAGREEMENTS:

 $\overline{\text{NOTE}}$: Contractor also received 2 truck loads of steel I-Wall Forms this date. I-Wall Forms were unload and stored in the Staging Area on the east side of Pratt Drive, between Leon C. Simon Blvd. and Robert E. Lee Blvd..

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

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

C. WAGNER

Civ. Engr., GS-11

Z. BRYANT

DUTIES

DUTIES

PE

A 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.

INCOPPORTORIO CIGNATIVO			
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
			DATE
Jan Do Durant	l	3	1 / /
		(4)	1 12/22/24
	16 Dec 94	1 . W~	1 ' 12/54</td
- //LANE D/. DRIAN/ \JK.	10_Dec_94		1
(Heverse of ENG FORM 2538-2 (CIVIL)			
LUGAGISE (1) EIAO LOKIM 5238-5 (CIAIC)		_ '	

QAR #___37____

DATE: Thu. - 15 Dec 94

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	0.0%	0.2%	0.2%	0.2%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF.	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	⁻ 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	0.0%	0.2%	0.2%	0.2%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Desarvad parson not cutting
existing sheet piling to al. 6.75' IN order
to maintain tamp. flood protection. Only
a fair shorts were cut south of Robert.
E. Lan Blod. Also Observed the UN bading
of formwork that was storad in the
storege area. All personnel wearing hard
hats + safety shows - while on-site
$\lambda 1$.
Instructions to COCRemarks: Won- g, van
•
-
Charl Dagner Proj Engr

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)

\9402\QCRPT

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.

NO	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION									
NO	TRADE	HOURS	CUMPANT	LUCATIO	WURK DESI	CRIPTION				
4	Unskilled	32		Unloading Constant Steel Forms Piling along	; Stringing	g out Sheet	d			
1	Skilled	8	"	п	и	u	"			
1	Supt.	8	"	н		u	**			
1	QC Rep.	8	"	n .	и	*1	"			
1	Burner	6	Gil's Crane	1	existing S					

PAGE 1 OF 3

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	A DESCRIPTION OF THE PROPERTY	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.

\9402\QCRPT PAGE 2 OF 3

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 at noted.

Authorized QC Representative

Date

12/15/94

\9402\QCRPT3A PAGE 3 OF 3

INSPECTORS QUALITY SURANCE REPORT (QAR)						THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR			
DAILY LOG OF COMSTRUCTION - CIVIL (ER 415-1-302)							REPORT NUMBER		
		(ER 415-1-3	(UZ)					36	
TO Area Engi	ineer,		COPY	TO: C/	Const. Di	v.	DATE Wedne	esday	
CELMN-CD-	-NO				LMN-CD_			mber 1994	
PROJECT Lake I							CONTRACT NUMB	_	
Mirabeau Ave						siana.		94-C-0079	
CONTRACTOR (Or /			_	• -			WEATHER		,
		ghway 59, m			70448		Partly C	<u>loudy & M</u>	
		HEDULED DAY SUIT						TEMPERATUR	£
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN			STRUCTURE		MINIMUM	MAXIMUM	
100%	100	10	00%	100	10	<u>0>-</u>	42°		,4°
HAS ANYTHING D	EVELOPED ON TH	IE WORK WHICH M	THOU	l NO	☐ YES (Explai	rs)		HOUR PRECIP	TATION
LEAD TO A CHAN				,	LI TES (Explai	•••	INCHES	ENDING	
	NUMBER OF CO.	VERNMENT EMPLO	VEES				0.00"	RIVER STAGE	′30 м
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	TIME	
2-3 hrs	002		1-4 hrs	3-7 hr			1.70'		00 M
	CONTRACTOR'S E		1 4 1115	J / III	NUMBER OF	SHIFTS	<u> </u>	<u> </u>	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	то	FROM	то
2-16 hrs	1-8 hrs	3-24 hrs	6-48 hrs	0700	м ₁₅₃₀ м	м	M	м	м
Attach list of the	following: (a) Ma	or items of equipme	ent either idle or	working, and	(b) Number and	classification ed.	of contractor person	nel onsite.	
CONTRACTOR/SUB	CONTRACTORS A	NO AREA OF RESE	ONISIBII ITY EOD	WORK BEE	PEOPMED TODAY	 -			
				-				,	
a <u>B&KC</u>	onst. Co.,	Inc STE	EL SHEET	PILES;	TEMPORARY	FLOOD I	PROTECTION		
b									
c .									
WORK PERFORME	D TODAY (Indicat	le location and descrip	otion of work perior	rmed. Refer to	o work performed b	y prime and/or	subcontractors buy h	etter in Table abo	w e)
See the a	attached CO	C Report fo	r details	of wor	k perform	ed this	date.		
					Pozzozii.	04 01110	aave.		
Days of no work and	I reasons for same								
-		ie to advers	o wonthor	lizat ar	ound cond	itiona	om 01 05 s	06 D 0	,
. 50% Of G	iya 10at du	e to advers	se weather	/wet gr	ound cond.	ILIONS (οπ στ, σο α	об рес 9	4.
Information on progr	ress of work, cause	s for delays and extr	ent of delays. Pla	nt material	etc				
		d by B&K th				Report.	-		
	-	-			·	•			
							ROJECT COMP		5.0%
DATE SET	FOR COMPLET	CION:	22 MAR 9	<u>6</u>	PE	RCENT T	IME ELAPSED	:2	0.5%
CQC INSPECTION I	PHASES ATTENDE	D AND INSTRUCTIO	ONS GIVEN						
	.b. 6.11	COC T							
Attended	the lollow	ing CQC Ins	pection P	nases t	his date:				
STEEL SHE	EET PILES:	No instruc	tions iss	ued.					•
TEMPORARY FLOOD PROTECTION: No instructions issued.									
ZEIT ORAKI	LLOOD INO	N	o instinc	CTOHO T	bbaca.				

RESULTS OF GA 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 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 and earthen levee as flood protection. It was determined that this type of flood protection would no 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 QCR REPORT OR DISAGREEMENTS:

 $\frac{\text{NOTE}}{\text{Temporary Flood Protection Plan, which is cutting off of the existing steel sheet piles to a top elevation of <math>+6.75$ '.

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	DATE	SUPERVISOR'S INITIALS	DATE
		JOH ETTIOGET O WATTIALS	10015
Saul & Durant	/	1	
		1	17/20/6/1
ZANE D/BRYAN	K. 15 Dec 94	1 · 96.	17 1 1 2 2 7 9 9
. I JEHNE DA BRIME OF	IL TO DEC 34	700	

QAR #____36____

DATE: Wed. - 14 Dec 94

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

DATE 12/14/94

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Perform	ed & Results:	Insout	al co	intractor's	Penposed
OA Inspections Perform	flood o	cotation	plan	that u	JAS
constructal	المناع	axeasatas	metacial	10 3	e d
· small	potato	celas la	124. 1	his plan	appears
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Justica)	said	than w	Il pow.	est 1h	1
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		•			
		c1	1 11	Proj	Engr
		Name	& Wagner	Tele	<u>Char</u>

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

PAGE 1 OF 3

DUST: Minimal

\9402\QCRPT

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	place	g Steel Shee along the L Protection								
1	Skilled	8	sı	"	п	и	11						
1	Supt.	8	11	"	u	**	15						
1	QC Rep.	8	"		"	0	ti						

QUALITY CONTROL REPORT EQUIPMENT

L	***************************************				
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	V
Kobelco LK 500 Loader		No	0	8	

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 3

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 Date

N9402NQCRPT3A PAGE 3 OF 3

INSPE	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL								THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
· -	DAILY LOG	i OF CONST :-(ER 415-1)		TION -	CIVIL				REPORT	NUMBER			
		(ER 413-1-C	302 <i>)</i>								35		
TO Area Engi	neer,			COPY			nst. Di	v.	DATE		esday		
CELMN-CD-	-NO						N-CD				<u>ember 1</u>	994	
PROJECT Lake P										CU20		70	
Mirabeau Ave							n, Loui	siana.	DACW29-94-C-0079				
CONTRACTOR (Or h		ghway 59,					448		Partly Cloudy & Mild				
	PORTION OF SCH	HEDULED DAY SUF	TABLE	FOR OPE	RATIONS				TEMPERATURE			URE	
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN	eT .	CONCR	ETE	ST	RUCTURE		MINIMU	М	MAXIMU		
100%	100)% 1	<u>00%</u>	<u> </u>	100 %		100	ኤ		42°		<u>64°</u>	
		IE MODE MAROLI	MCLIT.	_		_	VEC 15 -1	>			HOUR PREC	CIPITATION	
LEAD TO A CHAN		HE WORK WHICH A NDING OF FACT?	MICITI	, CX	NO	u	YES (Explai	(F1)	INCHES		ENDING		
NUMBER OF GOVERNMENT EMPLOYEES								_	0.00"		0730	<u>M</u>	
SUPERVISORY	OFFICE	LAYOUT	_	ECTION	TOTAL		LABOR		FEET	∪ana⊥	RIVER STA	GE	
SUPERVISORY	OFFICE	1 1001		hrs	1-3 h	re	CABON			.30'	TIME	0800	м
NUMBER OF C	CONTRACTOR'S E	MPLOYEES	1 2	111.5	<u> </u>	1.5	NUMBER OF	F SHIFTS	XO: 1	D 2	 3		
SUPERVISORY	SKILLED	LABORERS	TOTA	<u> </u>	FROM	1	0	FROM	TO		FROM	TO	
2-16 hrs	1-8 hrs	4-32 hrs	7-	56 hrs	0700	w	1530 M	м		M		м	м
Attach list of the	tollowing: /a) Ma	nor stame of equipm	ent eut	har idle or	working and	1/6) /	Number and	classification	of contrac	tor nerson	nel natie		
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/SUB	CONTRACTORS A	NO AREA OF RES	PONSIE	BILITY FOR	WORK PE	RFOF	RMED TODAY	4					
a B&KCc	onst. Co.,	Inc ST	EEL	SHEET	PILES								
b.													
•													_
c													
WORK PERFORME	D TODAY (Indicat	e location and descri	ption of	work perior	med. Refer	to war	k performed b	y prim e androi	subcontra	clors buy i	etter in Table	above)	
See attac	ched CQC Re	eport for d	etai	ls of	work p	erf	ormed t	his dat	e.				
Days of no work and	reasons for same												
		ue to adver		asthar	/wat a	ron	nd cond	litions	on 01	05 £	O6 DEC	94	
; 70% 01 da	ays lost do	le to adver	5C W	cather	/ w et 8	Lou	iid coild	110110	on or	, 0, 4	OO DEO	<i>7</i> • • • • • • • • • • • • • • • • • • •	
Information on progr	ess of work, cause	s for delays and ext	ent of a	delays, Pla	nt, materiai,	el¢.							
Minor wor	rk performe	ed by B&K t	his	date.	See at	tac	hed CQC	Report	•				
* Common	ted to refi	lect the 3	dow	timo o	vtonti	o n	aranted	ı					:
7	red to reli P00003, TE-		uay	time e	xtenti	OH		RCENT P	ROJECT	г сомр	LETE:	5.0%	
	FOR COMPLET		MAR	96				ERCENT T				20.4%	
COC INSPECTION F					_	_							
		wing CQC In			hase t	his	date						
			_				aate.						
STEEL SHI	EET PILES:	No instru	ctio	ns iss	sued.								
1													
	•							•					

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 QCR 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 attended at this time. Meeting would be rescheduled as soon as possible.
Contractor's Quality Control Report (submitted/nakxanbakkad) for this (date/nakxanbakkad).
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
INSPECTOR'S SIGNATURE AND SUPERVISOR'S INITIALS DATE SUPERVISOR'S INITIALS DATE
(Heverse of ENG FORM 2538-2 (CNIL)
(neverse of ENG FORM 2536-2 (GIVIL) Page 2 of 2 pages

ONTRACT NO.: DACW29-94-C-007

QAR #___35

DATE: Tue. - 13 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	⁻ 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

DATE: 12/13/94 REPORT NO: 52

\9402\QCRPT

SKIES: Clear/Pt. Cloudy RAIN: 0 IN. TEMP: 42 MIN 64 MAX

DUCTA Minimal

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 RES									
N	O TRAD	E HOURS	COMPANY	LOCA	TION/WORK	DESCRIPT	TION					
4	Unskill	ed 32	B & K	Moving S	teel Sheet	Piling	down the					
1	Skilled	8	11	"	II.	**	"					
1	Supt.	8		"	tt.	**	15					
1	Q.C. Re	p. 8	"	"	u	"	**					
ll l												
					***************************************		**************************************					

PAGE 1 OF 3

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.12/1	12/94 No	0	8	

TESTS PERFORMED
(As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 3

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.

assin

Authorized QC Representative

Date

12/13/94

\9402\QCRPT3A PAGE 3 OF 3

	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CUASTRUCTION - CIVIL								THE OCR WILL BE ATTACHED TO OR FILED WITH THE OAR REPORT NUMBER					
		(ER 415-1-3			<u>-</u>				HEPORI N	OMBER	-			
το Area Engi	neer			COPY	TO: C/	Co	nst. Div	V .	DATE	Sat.	34 . Sun	. & 1	lon.	
CELMN-CD-	NO				CE	LM	N-CD_		10, 1	L1_&	12 D		er 19	<u>9</u> 4
PROJECT Lake P									CONTRACT			0070		
Mirabeau Ave								siana.				-0079		
CONTRACTOR (Or h		ghway 59, 1							WEATHER					
		HEDULED DAY SUT				70	440		to Clear and Cool					
STRUCTURAL	BORROW	EMBANKMEN		CONCR		ST	RUCTURE		MINIMUM			XIMUM		
EXCAVATION 100 %	EXCAVATION 100	% 100	%		100 %		100	*	38	3°			8°	
						_					KHOUR	PRECIPI	TATION	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT TO NO YES (Explain) INCHES Sat . ENDING LEAD TO A CHANGE ORDER OR FINDING OF FACT?														
	AN MARKE OF COL	VERNMENT EMPLO	VEEC			_				0.30			730	М
SUPERVISORY (OFFICE GOVERNMENT	LAYOUT		CTION	TOTAL	_	LABOR		FEET	<u>anal</u>	TIM	STAGE		_
1-1 hr.			1-3	hrs	2-4 h	rs				.50			300	м
NUMBER OF C	ONTRACTOR'S E	MPLOYEES					NUMBER OF	SHIFTS	⊠ 1	☐ 2				
	SKILLED	LABORERS	TOTA	_	FROM	- 1	o	FROM	TO		FROM		то	
2-16 hrs	1-8 hrs	4-32 hrs	7-5	6 hrs	0700	4	1530 M	м	L	<u>M</u>		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/SUBG	CONTRACTORS A	ND AREA OF RESP	ONSIB	ILITY FOR	WORK PER	FOF	RMED TODAY	7						
a B&KCo	nst. Co	Inc TEM	PORA	RY ACC	CESS RO	ΔDS	3							
b			<u> </u>											_
0.														-
c													_	_
WORK PERFORME	D TODAY (Indicate	e location and descrip	ption of	work perior	med. Refer to	wor	ik periormed b	y prime and/or	subcontracti	ors buy	letter in 1	able abo	re)	
See the a	ttached COO	C Report fo	r de	taile	of wor	r +	oerforme	d thic	period	No	work	MOC		
		med on Sat.				-			period	. NO	WOLK	was		
	r			, ,	, 20 411		,							
Days of no work and	reasons for same:													
50% of day	ys lost due	e to advers	e we	ather	wet gr	our	nd condi	itions o	n 01, 0)5 &	06 D	ec 94	٠.	
Information on progre		ormed by B&			-)/ No -	l	a a b a d .	. 7 . 4				_
		attached C				ز ن	94. NO W	vork was	schedu	irea	or p	error	med o	n
	20 211 200	actuelled o	40 1	срогс										:
							PE	RCENT P	ROJECT	COME	LETE	:	5.0%	
DATE SET FOR COMPLETION: 19 MAR 96 PERCENT TIME ELAPSED: 20.3%														
COC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:														
Attended the following CQC Inspection Phase on Mon., 12 Dec 94:														
TEMPORARY	ACCESS ROA	ADS: No in	stru	ctions	s issued	ı.								
1														

RESULTS OF QA INSPECTIONS AND TE	ESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN	AND CORRECTIVE ACTION OF CONTRACTO	R INCLUDE			
COMMENT PERTAINING TO CONTRACT	TORS COC ACTIVITIES		··· ··································			
The following Follow-	Up QA Inspections were perfo	rmed on Mon., 12 Dec 94:				
crown, between approx road in this area. Cr	S: Observed contractor plac c. East B/L Sta's 92+00 and 9 rushed concrete was tailgated his date. No other work perfo	6+00, this date, for the to by dump trucks and dressed	emporary access			
QUALITY CONTROL: Con	tractor is providing adequat	e quality control this date	e. ,			
	ONTRACTOR (Include names, reactions and remark	ks)				
NONE						
CONTROVERSIAL MATTERS IN DETAI	L.					
NONE						
INFORMATION INSTRUCTIONS OF AC	TIONS TAKEN NOT COVERED IN QCR REPORT OF	D DEACDECHENTS:				
NONE	TIONS TAKEN NOT COVERED IN GCA REPORT OF	OSAGREEMENTS.				
NONE						
Contractor's Ouality	Control Report (submitted/m	natevana komaniteta and other this (dan	kæ⊀neriod).			
	and miscellaneous remarks pertinent to work)	(AM.	MAN POLICE			
	GOVERNMENT PERSON					
<u>NAMES</u>	DESIGNATION	HRS. ON SITE	DUTIES			
C. WAGNER Z. BRYANT	Civ. Engr., GS-11 Const. Insp., GS-07	1 hr. (Mon) 3 hrs. (Mon)	PE QAR			
2. DRIANI	const. Insp., Gb o/	J IIIS. (MoII)	AAV			
	proved safety plan, safety manual or instructions i					
Checked and found all Mon., 12 Dec 94.	personnel on-site wearing h	ard hats and steel-toed wo	rk boots on			
No safety infractions	were noted this date.					
Contractor held Weekly Safety Meeting on Mon., 12 Dec 94. See attached minutes.						
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE			
ZANE Z	BRYA JR. 14 Dec 94	ψ~ ₹	12/19/99			
(Heverse of ENG FORM 2538-2 (CML)		Page 2 of 2 pages				

<u>DNTRACT NO.: DACW29-94-C- 0079</u>

QAR # 34

Sat., Sun. & Mon.

DATE: 10, 11 & 12 Dec 94

Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
	L.S.	L.S.	-0-	-0-	-0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
	MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING SELECTIVE DEMOLITION PEDESTRIAN BRIDGE DEMOLITION EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT UTILITY MODIFICATIONS TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES EROSION CONTROL, FIRST 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING SELECTIVE DEMOLITION L.S. PEDESTRIAN BRIDGE DEMOLITION EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT L.S. CONCRETE SLOPE PAVEMENT L.S. TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES PERMSION CONTROL, FIRST 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING L.S. ELS. SELECTIVE DEMOLITION L.S. EMBANKMENT, SEMICOMPACTED FILL FERTILIZING, SEEDING, AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILLING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES EXISTING AZ-18 STEEL SHEET PILES SHEET PILING, PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PZA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT L.S. L.S. L.S. CONCRETE SLOPE PAVEMENT L.S. L.S. L.S. L.S. L.S. CONCRETE SLOPE PAVEMENT L.S. MOBILIZATION & DEMOBILIZATION L.S. L.S. 60.5%	MOBILIZATION & DEMOBILIZATION L.S. L.S. 60.5% -0-	MOBILIZATION & DEMOBILIZATION L.S. L.S. 60.5% -0- 60.5%	

DATE: 12/12/94

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspection	s Performed	& Results:	035	win	016	onml	spriading material.
(rushed	concr	ata	13109	10211	to	compact	material.
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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 LEVEE 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	4 Unskilled 32 B & K Temporary Access Road; I - Wall Layout. (See Locations Above)						
1	Skilled	8	п	u u	"		
1	Supt.	8	u	n u n	"		
1	Q.C. Rep.	8	n		"		

\9402\QCRPT PAGE 1 OF 3

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.

\9402\QCRPT PAGE 2 OF 3

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.

Juny Justice 12/12/94

Authorized QC Representative

Date

\9402\QCRPT3A PAGE 3 OF 3

. ,	N_NUTES OF SAF	FETY MEETING	
DATE: 12/12/94			TIME: 7:30 AM
PROJECT: DACW29-	94-C-0079 LONDON A	AVENUE OUTFALL	CANAL
LONDON	AVENUE FLOODWALL		
MEETING CONDUCTED	D BY: Jerry Justic	○ @	
exposed to potent puncturing hazard that Steel Toe Bo Selective Demolit	ts or shoes are retial hazards to the job hazar bots shall be worn tion; Pedestrian E	equired wheney ne feet, such rd analysis fo n for the foll Bridge Demolit	ver employees are as crushing or or this project states owing work items: ion; Embankment work; ag Miscellaneous Metals.
COMMENTS: All employees tomorrow.		ield will have	e Steel Toe Boots by
		Me Tas	Sm
	CC	ONTRACTOR'S SU	PERINTENDENT

' INSPI	CTORS QU	ALITY SU	IRAN	CE RE	PORT (QA	R)			OCR WILL BE THE QAR	E ATTAC	CHED\TO O	R FILED
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CONTRACTOR/SU	CONTRACTORS A	NO AREA OF RES	PONSIB	HLITY FOR	WORK PE	SFOR	MED TODAY						_
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WORK PERFORM	ED TODAY (Indicat	le location and descri	ption of	work perior	med. Refer t	o wor	k periormed b	y prime end/or	subconir	actors buy lett	er in Teb	ole above)	
See the	attached CQ	C Report fo	or de	taile	of wor	k r	erforme	d this	date				
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Attended	the follow	ing CQC Ins	spect	ion Pl	nase th	1s	date:						
TEMPORARY	ACCESS RO	ADS: No in	ıstru	ctions	s issue	d.							
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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/Nakxxubmikked) for this (date/nekind).

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

GOVERNMENT PERSONNEL ON SITE

DESIGNATION HRS. ON SITE DUTIES NAMES 1 hr. PΕ C. WAGNER Civ. Engr., GS-11

7 hrs. Z. BRYANT QAR Const. Insp., GS-07

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 SUPERVISOR'S INITIALS 13 Dec 94 ZANE D.

ONTRACT NO.: DACW29-94-C-007

QAR #____33___

DATE: Fri. - 09 Dec 94

Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET,	187,844 SF	187,844 SF	-0-	-0	-0-	0.0%
PILING, STEEL SHEET,	997 SF	997 SF	-0-	-0-	-0	0.0%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
	MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING SELECTIVE DEMOLITION PEDESTRIAN BRIDGE DEMOLITION EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT UTILITY MODIFICATIONS TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES EROSION CONTROL, FIRST 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION CLEARING & GRUBBING SELECTIVE DEMOLITION L.S. PEDESTRIAN BRIDGE DEMOLITION EMBANKMENT, SEMICOMPACTED FILL STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES REDRIVE EXISTING AZ-18 STEEL SHEET PILING PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING REINFORCED CONCRETE FLOODWALLS CONCRETE SLOPE PAVEMENT L.S. TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES PERMSHERT EROSION CONTROL, FIRST 10,670 LINEAR FEET EROSION CONTROL, ALL OVER 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION L.S. L.S. CLEARING & GRUBBING L.S. L.S. SELECTIVE DEMOLITION L.S. L.S. PEDESTRIAN BRIDGE DEMOLITION L.S. EMBANKMENT, SEMICOMPACTED FILL L.S. STRUCTURAL EXCAVATION AND BACKFILL FERTILIZING, SEEDING, AND MULCHING CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES REDRIVE EXISTING AZ-18 STEEL SHEET PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PZ-22 PILING, STEEL SHEET, TYPE PSA-23 PAINTING L.S. CONCRETE SLOPE PAVEMENT L.S. L.S. CONCRETE SLOPE PAVEMENT L.S. L.S. L.S. TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES EROSION CONTROL, FIRST 10,670 LINEAR FEET TEMPORARY FLOOD PROTECTION AND COFFERDAMS L.S. L	MOBILIZATION & DEMOBILIZATION L.S. L.S. 60.5%	MOBILIZATION & DEMOBILIZATION L.S. L.S. 60.5% -0-	NOBILIZATION & DEMOBILIZATION L.S. L.S. 60.5% -0- 60.5%

QUALITY ASSURANCE REPORT SUPPLEMENT

A Inspections Performed & Rest	uns: Contractor	continuing to
work on accuss	road by p	Placing crushed
concrata on exist	ing lavas crown.	Placing Crushed reagnite All material
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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: O IN. TEMP: 65 MIN 78 MAX

DUST: Minimal

\9402\QCRPT

LEVEE CONDITION: Dry NOISE: Minimal

PAGE 1 OF 3

(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 | 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.

			RACTOR/SUBCO				
NO	TRADE	HOURS	COMPANY	L	OCATION/WORK	DESCRIPTION	٧
3	Unskilled	24	B & K	11	rary Access	Road; Surve	Y
1 1	Skilled	8	"	"	n	II .	n
1 1	Supt.	8	u u	"	41	44	н
1	Q.C. Rep.	8	O	i	u	n	и

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.

\9402\QCRPT PAGE 2 OF 3

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 Date

\9402\QCRPT3A PAGE 3 OF 3

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2-16 hrs	1-8 hrs	4-32 hrs	7-56 hrs	0700	M	1530 M		м	М		м		м
Attach list of the Note: If the cor	i following: (a) Ma htractor's Quality C	por items of equipme ontrol Report (QCR)	ent either idle or contains the inf	working, and ormation it i	d (b) f	lumber and o	classification	n of contr	actor persón	nel onsite.			
CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESP	ONSIBILITY FO	R WORK PE	RFOF	MED TODAY							$\neg \neg$
D C V C	andt Co	Inc TEN	ADODADY A	CCECC D	0 A D	C							
a <u>B&KC</u>	onst. co.,	IIIC IEI	MPURARI A	CCESS K	<u>UAD</u>	<u>s</u>							-
b													-
c											_		_
										- 			
WORK PERFORME	ED TODAY (Indical	le location and descrip	otion of work perio	ormed. Reler	10 WOF	k performed b	y priin e a nd	or subcon	IFACTORS DUY F	enerin iad	He BDOVE	•	
See the a	ttached CQC	C Report for	r details	of wor	k p	erforme	d this	date	•				
Days of no work and													
50% of da	ys lost due	e to adverse	e weather	/wet gr	oun	d condi	tions	on 01	, 05 &	06 Dec	94.		
Information on orga	toes of work saves	- for delays and syle	ant of delays Di				_						—
Information on prog		ormed by B&I	-			tachad	COC Pa	port					
: MINOI WOI	k was perio	ormed by but	c chis da	te. bee	at	cached	oqo ne	port.					
													:
						PE	RCENT	PROJEC	CT COMP	LETE:	5	.0%	
DATE SET	FOR COMPLET	TION:19	MAR 96			PE	RCENT	TIME I	ELAPSED	·:	19	.6%	
CUC INSPECTION	PHASES ATTENDE	D AND INSTRUCTION	ONS GIVEN:										
Attended	the follow:	ing CQC Ins	pection t	his dat	e:								
	ACCESS ROA		- struction										
TEHFORAKI	ACCESS RO	ADS. NO III.	Struction	s issue	u.								•
1													
							•						

DECLI TO OF OA MODE OF OA MODE OF OAK		
RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN A COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES	AND CORRECTIVE ACTION OF CONTRACTOR	INCLUDE
The following Follow-Up QA Inspections were perfor	med this date:	
TEMPORARY ACCESS ROADS: Observed contractor placic crushed concrete on top of the existing levee betw 101+00. No filter fabric was used this date, on th option. Crushed concrete material was tail-gated by the Komatsu D37P dozer, this date.	een approx. West B/L Sta's is portion of levee at con	85+50 and tractor's
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 NOTE: Contractor is still awaiting approval of st		s of this date.
MOLE. CONCLACTOR IS STILL AWAITING APPROVAL OF SC	acci sheet piles from 602 d	
Contractor's Quality Control Report (submitted xxxx	(dat	e/pakkad).
REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)		
NAMES DESIGNATION	EL ON SITE HRS. ON SITE	DUTIES
Z. BRYANT Const. Insp., GS-07	7 hrs.	QAR
Z. BRIANI Const. Insp., GS-07	, 1113.	Q21IX
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions fr		
Checked and found dump truck being used to deliver effectively working back-up alarm.	crushed concrete material	, to have an
No safety infractions were noted this date.		
INSPECTOR'S SIGNATURE DATE	SUPERVISOR'S INITIALS	DATE
ZANE D. BRYAN JR. 09 Dec 94	y wh	12/14/94
-(Heverse of ENG FORM 2538-2 (CIVIL)	Page 2 of 2 pages	

QAR # 32

DATE: Thu. - 08 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	- 0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	-2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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: O IN. TEMP: 64 MIN 78 MAX

DUST: Minimal LEVEE CONDITION: Dry NOISE: Minimal

(CANAL GAUGE) -----

(1.7)

\9402\QCRPT

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	LOCAT	ION/WOR	K DESCRIPTI	ION			
4	Unskilled	32	B & K	Temporary Layout.	Access	Road; C/L	I-Wall			
1	Skilled	8	11	n	"	"	*			
1	Supt.	8	u u		11	n	.			
1	Q.C. Rep.	8	"	"	"	**	44			

PAGE 1 OF 3

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.

\9402\QCRPT PAGE 2 OF 3

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

\9402\QCRPT3A

PAGE 3 OF 3

INSPE	CTORS QU						QA	R)			OCR WILL H THE QAR		TACHE	TO OR F	LED		
	DAILY LOG		F COMST (ER 415-1-3		TION -	CIVIL				REPOR	RT NUMBER						
							<i>.</i> -			DATE	1	31					
	Area Englineer,										DATE Wednesday 07 December 1994						
CELMN-CD-	-NO Pontchartra	in	La and	1 Vi	cinity	Londo		V-CD Ve Ca	nal	CONTE	O/ December 1994						
Mirabeau Ave											ACW29-	_	C-0079	9			
CONTRACTOR (Or										WEAT	HER				,		
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STRUCTURAL EXCAVATION	BORROW EXCAVATION		EMBANKMEN		CONCRE		STE	RUCTURE		MINIMUM MAXIMUM							
100%	_ 100) %	10	00 %		100%		100	%		63°			76°			
HAS ANYTHING D	EVELOPED ON TH	Æ W	ORK WHICH N	MGHT	127	NO.	п	YES (Explai	n)	INCLI				MOITATE			
	IGE ORDER OR FI						_	- 20 (24)		INCHE	0.00"	=	NDING	730	M		
	NUMBER OF GO	VERN	MENT EMPLO	YEES			_				Canal	SIVE					
SUPERVISORY	OFFICE	LAY	OUT	INSP	ECTION	TOTAL		LABOR		FEET			ME				
2-2 hrs				1~8	B hrs	3-10 h	ırs				1.90'		(0800	м		
	CONTRACTOR'S E	MPLC	YEES					NUMBER OF	SHIFTS	X 1	2] 3				
SUPERVISORY	SKILLED		BORERS	TOTA	_	FROM	T	_	FROM	то		FROM	4	то			
2-16 hrs	1-8 hrs	4-	-32 hrs	/-:	56 hrs	0700	M]	.530 M	M		<u>M</u> _				м		
Attach list of the Note: If the cor	e following: (a) Ma htractor's Quality Co	ior ite ontrol	ms of equipme Report (QCR)	ent eith contai	eridle or v	vorking, and rmation it n	(b) N eed n	lumber and o	classification (of contra	actor persor	nnel on	site.				
CONTRACTOR/SUB	CONTRACTORS A	NO 4	DEA OF DESC	ONSIE	H ITY EOR	WOOK DE		MED TODAY	_				_				
							_										
8 <u>8 & K Co</u>	onst. Co.,	lnc	: TEM	<u>IPOR</u>	ARY_AC	CESS RC)ADS	S; SURV	EYS						_		
b																	
€.																	
									_								
WORK PERFORME	ED TODAY (Indicat	e ioca	tion and descrip	ption of	work perfor	med. Refer t	o work	performed b	y prime and/or	subconf	iractors buy i	etter in	Table ab	DA6)			
See the a	attached CQ	C R	eport fo	or de	etails	of wor	k p	erform	ed this	date	٠.						
Days of no work and	d reasons for same:																
50% of da	ays lost du	ie t	o advers	se we	eather	/wet gr	our	nd cond	itions o	n 01	, 05 &	06	Dec 9	94.			
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Information on progr								. 1 1 - D	CTZ +1-1-	1	0 -			000			
	ogressive w or details.		. was scn	ieau.	red and	d perio	Line	d by B	ak this	date	. See	atta	cnea	CQC			
Report 10	or decaris.														:		
E.								PE	RCENT PI	ROJEC	CT COMP	LETE	Ξ:	5.0%			
DATE SET	FOR COMPLET	1011	N:	19 N	MAR 96			PE	RCENT T	IME E	ELAPSED	:	1	9.5%			
COC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:																	
Attended the following CQC Inspection Phases this date:																	
	TEMPORARY ACCESS ROADS: No instructions issued.																
1EMPUKAK 1	I ACCESS RO	ADS	: NO 1n	ıstrı	iction	s issue	a.								•		
SURVEYS:	No instru	cti	ons issu	ied.													
										·. ·							

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 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)
MONTE	

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

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.

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

	GOVERNMENT PERSONNE		
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 DATE	SUPERVISOR'S INITIALS	DATE
ZANE D. BRYAN JR. 08 Dec 94	w~	12/14/94
AFEVEL OF ENG FORM 2538-2 (CNIL)	Provided the second	

QAR #___31____

DATE: Wed. - 07 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.0%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL			-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	TEEL SHEET, 187 8/4 SE 187 8/4 SE		-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 LF	-0-	9040 LF	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
					1		

QUALITY ASSURANCE REPORT SUPPLEMENT

Inspectio	ns Perio	med & Resu	ts:	Contra	actor	con	וועמול	10
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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	Y LOCATION/WORK DESCRIPTION									
4	Unskilled	32	B & K	Temporary A									
1	Skilled	8	*	li ii	II .	" ABOVE)	н }						
1	Supt.	8	"	li ii	•	"	"						
1	Q.C. Rep.	8	11	44	•	20	11						

PAGE 1 OF 3

\9402\QCRPT

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	Terror 100 (100 100 100 100 100 100 100 100 10
Kubota Excavator		No	0	8	-
Case 580 Backhoe		Yes	6	2	***************************************
Koehring 535 Crane		No	0	8	NAME
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.

\9402\QCRPT PAGE 2 OF 3

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 notorized 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 at noted.

Authorized QC Representative

12/07/94

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSPI	ECTORS QU		THE OCR WILL BE ATTACHED TO OR FILED WITH THE CAR											
-	DAILY LOG	OF CUNST CER 415-1-		TION -	- CIVIL				REPOR	RT NUMBER				
	_	(EN 413-1-)	<i></i>						·		30			
TO Area Eng	ineer,			COPY	TO: C	/Co	nst. Di	v.	DATE		uesday			
CELMN-CD	-NO		1 :		ÇI	LM	N-CD_				ecem <u>b'e</u>	r 19	94	
PROJECT Lake		•		•	•				CONTRACT NUMBER					
Mirabeau Av							n, Loui	siana.	DACW29-94-C-0079					
CONTRACTOR (Or							1.7.K		WEAT		1		. 1 1	, l
		ighway 59, i				70	+40		Pa	rtly C	TEMPER			
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SUPERVISORY	OFFICE	LAYOUT	INSP	ECTION	TOTAL		LABOR		FEET		TIME			
			1-8	hrs	1-8 hr	s				2.00'		80	300	м
NUMBER OF	CONTRACTOR'S E	MPLOYEES					NUMBER OF	SHIFTS	⊠ 1	2	3			\neg
SUPERVISORY	SKILLED	LABORERS	TOTA	IL.	FROM	Ī	0	FROM	то		FROM		то	
2-16 hrs	1-8 hrs	4-32 hrs	7-5	5 <u>6</u> hrs	0700	M	1530M	M		M		M		М
Attach list of the	e following: (a) Ma	ejor items of equipm	ent eith	ner idle or v	working, and	(b) N	tumber and o	classification (of contra	actor persor	nel onsite	1.		
CONTRACTOR/SU	BCONTRACTORS A	IND AREA OF RES	PONSIE	JILITY FOR	WORK PE	RFOR	MED TODAY	1						
<u>а</u> <u>В&КС</u>	onst. Co.,	Inc SHI	EET J	PILES;	SURVEY	<u> </u>								
b .														_
						_								-
c														-
WORK PERFORM	ED TODAY (Indicat	te location and descri	ntion of	work perior	med. Refer t	o war	neriormed b	v prime and/or	subconti	ractors buy i	etter in Tat	ole abov	.)	
See the a	attached CQ	C Report fo	or de	etails	of wor	k	performe	ed this	date					
Days of no work an	d reasons for same:													
50% of da	ays lost du	e to advers	se we	eather.	/wet gr	our	nd cond:	itions o	n 01	, 05 &	06 De	c 94	٠.	
1														
Information on prog	ress of work, cause	s for delays and ext	ent of c	ielays, Plar	nt, material,	etc.								
Minor wo	rk performe	ed by B&K th	nis d	late. I	No work	ре	erforme	d by SEC	or	Gill th	nis da	te.	See	
attached	CQC Report													
								RCENT P				5	0.0%	
DATE SET	FOR COMPLET	[ION: 19	MAR	96			PE	RCENT T	IME E	ELAPSED	:	19	3%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTION	ONS GI	IVEN:										
Attended	the follow	ing CQC Ins	speci	tion P	hases t	his	date:							
		No instruc	_											
SURVEYS:		ctions issu		15 155	aca.				,					•
BUNVETS:	NO INSTITU	CCIONS 1880	ieu.											
	•						,							
													,	

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTIC COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES	ON OF CONTRACTOR INCLUDE
The following QA Inspections were performed this date:	
STEEL SHEET PILES: Observed contractor using a Komatsu 200 Exc new sheet piles along the F/S of existing sheet pile wall, betw Sta's 115+50 and 117+50. No other work performed this date.	~
SURVEYS: Observed B&K's surveyor traversing the East Baseline, $\overline{B/L}$ Sta's 120+18.82 and 127+65.81. Observed surveyor also setti for the East B/L P.I.'s at Sta's 119+16.365, 120+18.82 and 126+	ng reference points
QUALITY CONTROL: Contractor is providing adequate quality cont	rol this date.
,	
VERRAL MOTEURING CONTRACTOR CONTR	
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks) NONE	
	1
CONTROVERSIAL MATTERS IN DETAIL. NONE	
INFORMATION WITH THE PROPERTY OF THE PROPERTY	
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS: NOTE: Received and delivered 1-Original and 2-Copies of additi	onal nanowyork for the
proposed steel sheet piles (CZ-101 and CZ-114) to PE, C. Wagner	
mentioned paperwork is from B&K Const. Co., Inc., Casteel, Inc.	
Contractor's Quality Control Report (submitted ***********************************	or this (date AXXXXXXX).
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)	
GOVERNMENT PERSONNEL ON SITE	
NAMES DESIGNATION HRS. ON S.	<u>ITE</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 personne	1. Squaible correction pattern to turn 1
Checked and found all personnel on site to be wearing hard hats	
No safety infractions were noted this date.	•
no safety infractions were noted this date.	
	•
INSPECTOR'S SIGNATURE AND DATE SUPERVISOR'S INITIALS	,
ZANE B. BRYAN JR. 07 Dec 94	12/12/94
Heverse of ENG FORM 2538-2 (CML)	

QAR # 30

DATE: __ Tue. - 06 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	60.5%	-0-	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	45.0%	-0-	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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) -----

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	NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION												
4	Unskilled	32	B & K	II	Piling Handling se & References.								
1	Skilled	8		"	"								
1	Supt.	8	41	n		"							
1	Q.C. Rep.	8	0	n •		н							

\9402\QCRPT

PAGE 1 OF 3

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	w <u>u</u>	Yes	2.5	5.5	
Case 580 Backhoe	-	No	0	8	_
Koehring 535 Crane		No	0	8	_
MKT Vibro Hammer		No	٥	8	_

TESTS PERFORMED

(As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 3

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

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU	ALITY SU	RANCE RE	PORT	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL							THE OCR WILL BE ATTACHED TO OR FILED WITH THE OAR				
+	DAILY LOG	i OF CONS I -ER 415-1-		- CIVIL				REPORT	NUMBER							
		(277.775.77								29						
TO Area Eng	ineer,		COPY	TO: C	/Cor	nst. Di	v.		,		& Mon.					
CELMN-CD			1 777			V-CD					ember 1	994				
PROJECT Lake								CONTRAC			070					
	e. to Leon					1, LOUI	siana.	WEATHE		94-C-0	079					
CONTRACTOR (OF	hired labor) B &	ghway 59, i				148				: - b - D -	:- C W:	1.1				
		HEDULED DAY SUI		 _	702	14 0		C10	udy w.	TEMPER	in & Mi	10				
STRUCTURAL	BORROW	EMBANKMEN			STE	RUCTURE		MINIMUM		MAXIL						
EXCAVATION %									58°	WICAIN	74°					
0,0,0	0,0,3	0,0,0		7 2 3	•	070700				HOUR PR	ECIPITATION					
	DEVELOPED ON TH		MIGHT E	NO E		YES (Explai	n)	INCHES		ENDI	vG					
LEAD TO A CHA	NGE ORDER OR FI	NUING OF FACT?	_						1.50"		0730	м				
	NUMBER OF GO	VERNMENT EMPLO	YEES						Cana1	RIVERS	TAGE					
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL		LABOR		FEET	2.60'	TIME						
1-1 hr.			1-8 hrs	2-9 h	rs_			to	2. <u>3</u> 0'		0800	м				
NUMBER OF	CONTRACTOR'S E	MPLOYEES				NUMBER OF	SHIFTS	1 (Z) K	□ 2							
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM		0	FROM	το		FROM	σ					
2-16 hrs	2-15 hrs	4-32 hrs	8-63 hrs	0700	<u> </u>	1530M	M		M		_ м	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/SU	BCONTRACTORS A	ND AREA OF RES	PONSIBILITY FOR	WORK PE	RFOR	MED TODAY	,									
a B&KC	onst. Co.,	Inc - ST	FFI CUFFT	DIIEC												
												_				
b. Gill's	<u>Crane Servi</u>	ce, inc	SIEEL SHE	ET PIL	ES_							-				
c																
WOOK DEDECTIVE	ED TODAY (Indicat	- leasting and descri	ntion of work needs	rmad Balar	to war	nedormert b	w neuron weeks	r subcontrac	tors him le	etter in Tab	la alvwa i					
	ttached CQC cheduled or	_			_		a on Mo	n., 05	Dec 9	94.						
NO WOLK S	cheduted of	periormed	on os and	. 04 De	C 92	+ •										
	id reasons for same:															
50% of da	ys lost due	to advers	e weather/	wet gr	ound	d condi	tions o	n 01 &	05 De	ec 94.						
Internation on a		- 4 4-1	and of data as Dis													
	gress of work, cause ssive work					70770 m	00ntro	+ 4:	d		11 .					
	oads of per															
	hed CQC Rep		ct price (132 pc.	· (02 1	01 A 20	, ,	011 1101	1., 0)	DEC 94	• :				
						PE	RCENT E	ROJECT	COMP	LETE:	5.0%					
DATE SET	FOR COMPLET	TION: 19	MAR 96			PE	RCENT 1	IME EL	APSED	:	19.1%					
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTI	ONS GIVEN:													
	the followi	-		ases of	n Mo	on., 05	Dec 94									
						-										
STEEL SHE	ET PILES:	see "Verbal	ı ınstruct	ions" (on i	reverse	side o	I this	керог	rt.						
1																
	•						•									

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

The following QA Inspections were performed on Mon., 05 Dec 94:

STEEL SHEET PILES: Observed B&K unloading 3 truck loads, 132 pcs. 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 OA Inspections were performed on O3 & O4 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

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	1 hr. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.(Mon)	QAR

SAFETY (Include any intractions 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	DATE	SUPERVISOR'S INITIALS	DATE
Lax III Durant			Jan. 2,
Land College Land	1	4.1	1 12 / . / .
JR /	06 DEC 94	1 % ~	12/12/90
J. J. J. J. J. J. J. J. J. J. J. J. J. J	00 BB0 74		<u> </u>

CONTRACT NO.: DACW29-94-C- 0

QAR # 29

Sat., Sun. & Mon.

DATE: 03, 04 & 05 Dec 94

* Corrected linear footage and percent complete.

Item No.	* Corrected linear footage a	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	2.0%	60.5%	60.5%
02	CLEARING & GRUBBING	L.S.	L.S.	20.0%	25.0%	45.0%	45.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	- 0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	*9040 1f	-0-	*9040 1f	*84.7%
19AB	ERÓSION CONTROL, ALL OVER 10,670 LINEAR FEET	⁻ 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

DATE: 12/5/94

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:	Obsacus	l conti	ractor	
parsonnal stringin	e ost	Short	olina	that was
deland to 1	ha sita,	Work	was	taking
place between Ro.	bart E. L	as t P	umping	•
on the east w	de of c	anel	· .	<u> </u>
	<u> </u>			•
		•		
· ·		<u> </u>	· · ·	
	_			
	_ (. 4.	4	
Instructions to COC/Remarks:				
that an payment	<u> </u>	be made	for	sheat
poling delivered +	· 3171	intel the	raguira	<u>d</u>
submittel information	niczna. + w	imants as	مركوري م	oftal .
for our approval.	- A · lath	will b	n tor	theon my
stating this into	mation.			
	· · ·			·
<u> </u>			<u> </u>	
-			•	·
	•			
	Char	1 Dagner	Pri	Engr
-	Name	y - Carrier	Tale	J.,

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

PAGE 1 OF 3

DUST: None

\9402\QCRPT

(CANAL GAUGE) ----

LEVEE CONDITION: Wet NOISE: Minimal

(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	LOCAT	ION/WORK DES	SCRIPTION				
4	Unskilled	32	B & K	l(Steel Sheet out Sheet F		Levee			
1	Skilled	8	"	"	11	и	**			
1	Supt.	8	4	"	II .	*1	14			
1	Q.C. Rep.	8	"	11	II	44	н			
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	٥	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.

\9402\QCRPT PAGE 2 OF 3

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

Date

12/05/94

PAGE 3 OF 3

\9402\QCRPT3A

MINUTES OF SAFETY MEETING

DATE: 12/05/94	TIME: 7:30 AM
PROJECT: DACW29-94-C-0079 LOND	PON AVENUE OUTFALL CANAL
LONDON AVENUE FLOODWA	1 L
MEETING CONDUCTED BY: Jerry Ju	astice
PERSONS ATTENDING: Zane Bugant (coe) Strue Thomas Math Cornains	Jugan Tackson
	al Safety Data Sheet for Acetylene Gas.
Discussed safety requirements	for working on or near Public Roadways.
COMMENTS: All workers on or adjacer	nt to Public Roads must wear Orange or
Green Safety Vests with reflec	tive striping for their own protection.
Warning signs should be posted	for motorists approaching the work area.
Flagmen will wear Safety Vests	s, and use flags or signs to stop or re-
direct traffic. Workers shoul	d never turn their back on moving vehicles.
	1
	Milo Tassen
	CONTRACTORIC CUREDINITENDENT

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL				THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR				ILED					
	DAILY LOG		ISTRUC 5- <i>1-302)</i>	TION -	- CIVIL				REPORT	NUMBER			
		(2									28		
TO Area Engineer, COPY TO: C/Const. Div.						DATE Friday 02 December 1994							
CELMN-CD	-NO	T -	1 17:		<u>Cl</u>	<u>:LM</u>	N-CD	1	COLUMN	02 Dec		1994	
PROJECT Lake Mirabeau Av										ACW29-9		079	
CONTRACTOR (Or									WEATH				١
		ighway 59					4 <u>48</u>		Par	rtly C	loudy	& Cool	
	PORTION OF SCI			FOR OPE	RATIONS						TEMPER	ATURE	
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBAN		CONCR		ST	RUCTURE		MINIMU		MAXIN		
100%	100)%	100 %		_100 %		100	*	L	<u>48°</u>		68°	
	DEVELOPED ON TH NGE ORDER OR FI			ξ	NO		YES (Explai	n)	INCHE		ENDIN	G 0730	
	NUMBER OF GO	VERNMENT EI	MPLOYEES							Cana1	RIVER S	TAGE	
SUPERVISORY	OFFICE	LAYOUT	INSP	ECTION	TOTAL		LABOR		FEET		TIME		
			<u> </u>	hrs	1-8 hi	rs			2	2.60'		0800	м
	CONTRACTOR'S E						NUMBER OF	SHIFTS	ж Б 1		3		
SUPERVISORY	SKILLED	LABORERS	TOTA		FROM		O	FROM	το		FROM	TO	
2-16 hrs	1-8_hrs_	4-32 hrs	s 7-5	6 hrs	0700	М	1530 M	М.	<u> </u>	М		М	м
	e following: (a) Ma ntractor's Quality C								of contrac	ctor person	nel onsite.		
CONTRACTOR/SUE	CONTRACTORS A	AND AREA OF	RESPONSIE	BILITY FOR	WORK PE	RFOF	MED TODAY	1					
• <u>B & K C</u>	onst. Co.,	Inc	CLEARI	NG; SU	RVEYS								
b .													
						_							-
c	_			_									-
WORK PERFORM	ED TODAY (Indicat	te location and d	lescription of	work perior	med. Refer t	to wor	k perlormed b	y priine and/or	subcontro	actors buy le	etter in Tabi	e above)	
See the	attached CO	C Report	for d	etails	of wor	rk ·	nerform	ed this	ateh				
Dec the	accaenca oc	(o Report	o IOI u	CCGIID	01 #01	LK	periorm	ed this	uate.	•			
Days of no work and	d reasons for same:												
50% of d	ay lost due	e to adve	erse we	ather/	wet gro	oun	d condi	tions or	n 01 I	Dec 94.			
	,									,,,			
	·												
Information on prog													
Minor pr	ogressive w	vork sche	eduled	and pe	rformed	d t	his dat	e by B&F	C. See	e attac	ched C	QC Repor	t.
													:
* Correc	ted due to	an error	in ca	lculat	ions.		PE	RCENT P	ROJEC	г сомрі	LETE:	3.9%	
DATE SET	FOR COMPLET	CION:	*19 Ma	r 96				RCENT T				18.6%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRI	UCTIONS GI	VEN:									
Attended	the follow	ving CQC	Inspec	tion P	hases t	thi	s date:						
CLEARING	: No instr	ructions	issued										
SURVEYS:	No instru	ıctions i	issued.										
	•												
										· · · ·			

	. <u> </u>
RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRAC COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES	CTOR INCLUDE
The following Follow-Up QA Inspections were performed this date:	
CLEARING: Observed laborers with chain saw and bush-ax cutting down sma $\overline{F/S}$ of existing floodwalls between approx. West B/L Sta's 70+35 and 77+35 removed from site this date.	
SURVEYS: Observed B&K's Surveyor traversing the East Baseline, between a 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 d	ate.
·	
•	
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 steel sheet piles on Monday, 05 Dec 94. Reminded CQC Rep., M. Tassin that	
his proposed sheet piles have not been approved for use on this project.	-
^{ከፉ} is was awear of this.	
Contractor's Quality Control Report (submitted/XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	date/######).
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 corre	octive action taken.)
Checked and found operator of chain saw to be wearing leather chaps, hard glasses and hearing protection.	hat, gloves, safety
No safety infractions were noted this date.	
INSPECTOR'S SIGNATURE A DATE SUPERVISOR'S INITIALS	TOATS
Saull Bujart)	DATE 12/9/94
JB. 06 DEC 94	1-1 1/17

(Heverse of ENG FORM 2538-2 (CIVIL)

QAR # 28

DATE: Fri. - 02 Dec 94

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	-0 -	58.5%	58.5%
02	CLEARING & GRUBBING	L.S.	L.S.	15.0%	5%	20.0%	20.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9590 lf	-0-	9590 lf	89.9%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	² ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

MICHAELING BELEFORMER MINISTERIOR MEDICAL MEDI

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	LOCAT	rion/wor	K DESCRIPTION	N						
4	Unskilled	32	B & K	1		ee Stations Referencing							
1	1 Skilled 8 " B/L Traverse and Referencing. " " " " " "												
1	Supt.	8	u u	ll n	11	· ·	11						
1	Q.C. Rep.	8	11		ti	II	14						

\9402\QCRPT PAGE 1 OF 3

QUALITY CONTROL REPORT EQUIPMENT

NO EQUIPMENT USED TODAY!

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	•••	No	0	0	Marie
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

\9402\QCRPT PAGE 2 OF 3

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.

Authorized QC Representative Date

\9402\QCRPT3A PAGE 3 OF 3

4 INSPE	CTORS QU						QA	R)			OCR WILL I THE QAR		CHED	TO OR FIL	.ED
. •	DAILY LOG		F CUNST! (ER 415-1-3		TION -	CIVIL				REPOR	T NUMBER	1			
												27			
Area Eng					COPY	- •		nst. Di	v.	DATE		nursda	-	0.4	
CELMN-CD- PROJECT Lake	-NU Pontobortro	in	To one	Vic	inita	Londo	ILM D	N-CD	no.1	CONTR	ACT NUME	ecembe	r 19	94	
Mirabeau Ave											ACW29-		0079		
CONTRACTOR (Or										WEATH	HER				,
		_	ray 59, h				70	446			Clear	& Coo	1		
	PORTION OF SCI											TEMPER	RATURI	<u> </u>	
STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50	.	EMBANKMEN	т і 0 %	CONCRE	επ ε 50 %	ST	RUCTURE 50)	MINIM	UM 48°	MAXI		2°	
50 %		%		<u> %</u>		JO %			<u></u>	 		HOUR P			-
	EVELOPED ON TH			IIGHT	Ek	NO		YES (Explai	n)	INCHE		END	_		
LEAD TO A CHAN	IGE ORDER OR FI	NUINC	OF FACI?								0.00"		07	30	м
	NUMBER OF GO										Canal	RIVER	STAGE		
SUPERVISORY	OFFICE	LAY	OUT		CTION	TOTAL	_	LABOR		FEET	2.60'	TIME	-	300	
AN MARKED OF (CONTRACTOR'S E	ADI C		1-8	hrs	1-8 hr	s	NUMBER OF	SHIETS	<u>ا [2]</u>	2.60			00	м
SUPERVISORY	SKILLED		ORERS	TOTAL		FROM	Tī	O	FROM	TO	<u> </u>	FROM		TO	
2-16 hrs	1-8 hrs	4-	32 hrs	7-5	6 hrs	0700	- 1	1530 M	M		м		м		M
Attach list of the	Attach list of the following: (a) Major items of equipment either idle or					vorking and	/b) #	Number and o	riasedication	of contra	nctor nersor	nnel onsite			
Note: If the cor	ntractor's Quality Co	ontrol	Report (QCR)	contair	ns the info	rmation it n	ed r	ol be repeate	ed.	J. 33	oto: polosi		•		1
CONTRACTOR/SUB	CONTRACTORS A	NO A	REA OF RESP	ONSIB	LITY FOR	WORK PER	RFOF	MED TODAY	,						
a B&KCo	onst. Co.,	Tnc	CL	EARI	NG; SU	JRVEYS									
	<u> </u>	****													-
, ———							_								-
c					_		_							-	-
WORK PERFORME	ED TODAY (Indicate	e local	tion and descrip	otion of s	work perior	med. Refer t	o wor	k performed b	y priin e u ndior	subconfi	ractors buy	letter in Tai	ble abov	•)	
Soo attac	hed CQC Re	nor	t for de	tail	e of t	ork no	rfo	rmad th	nie dato						
See attac	ned ogo ke	por	t for de	tall	3 01 •	OIR PE	110	Jimed ti	iis date	•					
Days of no work and	reasons for same:						_								
50% of da	y lost due	to	adverse	wea	ther/w	et gro	und	l condit	ions on	01 I	Dec 94				
						J									
Information on progr					•								_		_
Minor pro	gressive w	ork	was per	iorm	ed by	B&K th	is	date. S	See atta	ched	CQC Re	eport	for	detai	ls.
i d															
								PE	RCENT P	ROJEC	т сомр	LETE:	2	3.7%	
DATE SET	FOR COMPLET	OI	N: 20	MARC	н 1996	5			RCENT T					3.4%	
CQC INSPECTION	PHASES ATTENDE	D AN	D INSTRUCTIO	ONS GIV	/EN:										
1 1	.1 6 11		GOG T		. 51			1.							
Attended	the follow	ıng	CQC Ins	pect	ion Pr	nases t	his	date:			•				
<u>CLEARING</u> :	No instr	uct	ions iss	ued.											
SURVEYS:	No instru	cti	ons issu	ed.											
	•							•	•						

ESULTS OF OA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR OMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES	NCLUDE
The following Follow-Up QA Inspections were performed this date:	
CLEARING: Observed laborers using a chain saw and bush-ax to cut down small brush on the floodside of the existing floodwall, between approx. East B/L and 76+75. No other work performed this date.	1 trees and Sta's 70+15
SURVEYS: Contractor survey party began traversing and referencing East Base approx. East B/L Sta's 69+15.97 and 84+71.30.	eline, between
QUALITY CONTROL: Contractor is providing adequate quality control this date	e.
· · · · · · · · · · · · · · · · · · ·	
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 p sheet piles. Sheet piles have not been approved as of this date.	roposed steel
Contractor's Quality Control Report (submitted/nxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	e <i>k</i> precixionot).
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)	
NAMES DESIGNATION HRS. ON SITE	DUTIES
NAMES Z. BRYANT DESIGNATION HRS. ON SITE 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 cha the idle speed is adjusted so that when engine is idling the chain does not	
No safety infractions were noted this date.	
·	
INSPECTOR'S SIGNATURE DATE SUPERVISOR'S INITIALS	DATE
ZANE D. BRYANT JR. 02 Dec 94	12/7/84

CONTRACT NO.: DACW29-94-C-00

QAR #____27

DATE: Thu. - 01 Dec 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	-0-	58.5%	58.5%
02	CLEARING & GRUBBING	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-a-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9590 1f	-0-	9590 1f	89.9%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
_							

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.

			RACTOR/SUBCO				
,,,	W		REAS OF RESP				
NO	TRADE	HOURS	COMPANY	Ĺ	_OCATION/	WORK DESCR	IPTION
4	Unskilled	32	B & K	III			ontrol work; Referencing
1	Skilled	8	п	"	"	"	11
1	Supt.	8	•	"	11	**	п
1	Q.C. Rep.	8	"	"	"		u
i							

\9402\QCRPT PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT

NO EQUIPMENT USED TODAY

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	٥	
Komatsu D37P Dozer		No	0	0	was
Kubota Excavator		No	0	0	
Case 580 Backhoe		No	0	0	000 ME LE TE CO. 12 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275 MB 275
Koehring 535 Crane	**************************************	No	0	0	***************************************
MKT Vibro Hammer	**************************************	No	0	0	Name Na

TESTS PERFORMED

(As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 4

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.

\9402\QCRPT3A PAGE 3 OF 4

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 suppplier 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 DATE

\9402\QCRPT4

PAGE 4 OF 4

inspi	ECTORS QU	ALITY ASS	ANCE RE	PORT (QAR)		THE OCR WILL WITH THE QAR		ED TO OR F	LED
•	DAILY LOG	OF CONS 1 (ER 415-1-3		CIVIL			REPORT NUMBER	26		
TO Area Eng	ineer.		COPY	TO: C/	Const. D	iv.	DATE Wed	nesday	<u> </u>	
CELMN-CD	-NO			CE	CLMN-CD_		30 No	vember	1994	
PROJECT Lake				CONTRACT NUMB						
Mirabeau Av			isiana.	DACW29-9	94-C-00)79				
CONTRACTOR (Or				,			WEATHER	,		
		ghway 59, i			70448		Partly		& Cool	
STRUCTURAL		HEDULED DAY SUIT			STRUCTURE		MINIMUM	TEMPERA		
EXCAVATION 50 %	EXCAVATION	EMBARAMER	0 %	50 %		0 %	48°	MAXIMU	ом 62°	
	<u> </u>	*	<u> </u>	<u> </u>		•		HOUR PRE	CIPITATION	
		HE WORK WHICH M	AIGHT [NO NO	XX YES (Expl	aın)	INCHES	ENDIN		
See "Contro	NGE ORDER OR F Oversial Ma	NDING OF FACT? tters" on r	everse sid	le of th	his QA Re	port.	0.00"		0730	м
occ oomer		VERNMENT EMPLO						RIVER ST	AGE	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	TIME		
1-1 hr.			1-8 hrs	2-9 hr			2.50'		0800	м
	CONTRACTOR'S E				NUMBER	OF SHIFTS		<u> </u>		
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	ΤΟ	FROM	то	FROM	το	
2-16 hrs	1-8 hrs	4-32 hrs	7-56 hrs	0700	M 1530 M	M	M	L	М	м
Attach list of the Note. If the co	e following: (a) Ma intractor's Quality C	ijor items of equipme ontrol Report (QCR)	ent either idle or i contains the info	working, and ormation it no	(b) Number and ead not be repea	t classification ited	of contractor person	inel onsite.		
CONTRACTOR/SU	BCONTRACTORS A	AND AREA OF RESP	PONSIBILITY FOR	WORK PER	REPORMED TOO	AY				
a B & K C	onst. Co	Inc CLE	ARING; SUI	RVEYS						
	011001 001,									_
ь										_
C										
WORK PERFORM	ED TODAY (Indicat	le location and descri	ption of work perior	rmed. Refer to	o work performed	by prime and/o	r subcontractors buy l	etter in Table	above)	
		port for de								
see attac	ched cyc ke	port for de	talls of v	work pe	riormed (.iiis date	: •			
Da								_		
Days of no work an			eo weathe	r/wat a	round cor	ditions	on 28 & 29	Nov 9/		
							on 30 Nov 94		•	
70% 01	day 1050 dd	e to advers	weather,	/ #CC 61	ound come	ilcions ()	•		
Information on proc	gress of work, cause	es for delays and exte	ent of delays, Plan	nt, material,	etc.					
						attached	d CQC Report	for d	etails.	
* Date Se	et for Comp	letion and	% Time Ela	apsed r	evised					:
		extention b				ERCENT P	ROJECT COMP	LETE:	3.7%	
	FOR COMPLET		O MARCH 9		P	ERCENT I	IME ELAPSED	:*	18.3%	
CQC INSPECTION	PHASES ATTENDE	ED AND INSTRUCTK	ONS GIVEN:							
Attended	the follow	ing CQC Ins	pection Pl	hases t	his date:					
CLEARING		uctions iss	-							
SURVEYS:	No instru	ctions issu	ied.							
BORTHID.	no institu	2020115 2550								
	,									

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 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 extention, 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

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

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	7	\overline{Z}) DATE	SUPERVISOR'S INITIALS	DATE
Santkle	734	vord 1	/		
ZANE D	BRY		01 Dec 94	nw -	12/1/57

NTRACT NO.: DACW29-94-C- 0079

QAR #____26____

DATE: Wed. - 30 Nov 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	-0-	58.5%	58.5%
02	CLEARING & GRUBBING	L.S.	L.S.	10.0%	5.0%	15.0%	15.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9590 1f	-0-	9590 1f	89.9%
19AB	ERÓSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY ASSURANCE REPORT SUPPLEMENT

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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		LOCATION/WO	RK DESCRIPTIO	N			
4	Unskilled	32	8 & K	Clearing work, Project Bulleti	·				
1	Skilled	8	"	l u	II	и			
1	Supt.	8	"	lu 0	n	n			
1	Q.C. Rep.	8	"	II (1	п	21			

\9402\QCRPT

PAGE 1 OF 4

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	w.
Case 580 Backhoe		No	0	8	_
Koehring 535 Crane	****	No	٥	8	_
MKT Vibro Hammer		No	٥	8	****

TESTS PERFORMED

(As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 4

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.

\9402\QCRPT3A PAGE 3 OF 4

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

\9402\QCRPT4

PAGE 4 OF 4

MI	S OF SAFETY MEETING
DATE: 11/30/94	TIME: 7:30 AM
PROJECT: DACW29-94-C-007	LONDON AVENUE OUTFALL CANAL
LONDON AVENUE F	
MEETING CONDUCTED BY: Je	y Justice
PERSONS ATTENDING:	Darry J. Lel
Zane Bugast (COE)	
TOPICS DISCUSSED: Sheet Piling cut of	work. Reviewed Job Hazard Analysis for this
feature of work.	
Discussed Safety requ	rements for cutting, welding, burning, and
lifting Steel Sheet Pili	3 -
COMMENTS: This topic will be	eviewed again with the sub-contractors
present at the Preparato	Meeting for this phase of work.
	All Jasai
	CONTRACTOR'S SUPERINTENDENT

INSPECTORS QUALITY AS RANCE REPORT (QAR)									THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR							
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)										REPORT	NUMBER	1		-		
												25				
TO Area Eng	ineer.				COPY	TO: C/	/Co	nst. Div	7.	DATE	Tue	esday				
CELMN-CD								N-CD	.			vembe'r	1994			
PROJECT Lake	Pontchartra	in,	La. and	Vic	cinity	, Londo	on .	Ave. Car	nal,		ACT NUME					
Mirabeau Av	e. to Leon	c.	Simon Bl	vd.	. Orle	ans Par	cis	h. Loui:	siana.	DA	ACW29-	94-C-0	079			
CONTRACTOR (Or	hired labor) B &	К	Construc	tion	Comp	any. Tr	3C.			WEATH	ER			7		
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2-8 hrs	0-0 hrs	0-	·0 hrs	2-8	hrs	0700	M	1100 m	М	1	м	Ì	м	м		
b. c. WORK PERFORM See atta Days of no work an	enst. Co.,	Inc	ntion and descrip	o Wor	work perior	s Date.	to wor	h performed b	y prime and/or							
Information on prog No progr	press of work, cause essive work		•										2 409	:		
	FOR COMPLET			FEI					RCENT PI			_	3.409 19.409			
No CQC I	PHASES ATTENDE nspection P ors due to	has	ses were	atte	ended			, due to	o no wor	rk be:	ing pe	rforme	d by			
													,			

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 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
\cdot
CONTROVERSIAL MATTERS IN DETAIL.
See QAR #01, dated 27 Sep 94. A modification is persently being processed at NOD.
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:
NONE
Contractor's Quality Control Report (submitted/notxxsubmitted) for this (date/perried).
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE
NAMES DESIGNATION HRS. ON SITE DUTIES
Z. BRYANT Const. Insp., GS-07 7 hrs. QAR
·
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)
Checked and found all equipment on site to be properly secured.
No safety infractions were noted this date.
INSPECTOR'S SIGNATURE (AMILE DATE) DATE SUPERVISOR'S INITIALS DATE
ZANE B. BRYANT, R. 30 Nov 94 70 12/1/99

NTRACT NO.: DACW29-94-C- 0079

QAR # ____25

DATE: Tue. - 29 Nov 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	P1aced Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	-0-	58.5%	58.5%
02	CLEARING & GRUBBING	L.S.	L.S.	10.0%	-0-	10.0%	10.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9590 1f	-0-	9590 1f	89.9%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	⁻ 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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 1	Supt. Q.C. Rep.	4 4	B & K	Q.C. Reports, Survey Book Work,etc.				

\9402\QCRPT PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT NO EQUIPMENT USED TODAY TOO WET DESCRIPTION ARR/DEP SAFETY CHECK HRS USED IDLE REPAIR Komatsu 200 Excavator 0 Nο 0 Komatsu D37P Dozer 0 No 0 Kubota Excavator No 0 0 Case 580 Backhoe No 0 0 Koehring 535 Crane No 0 0

TESTS PERFORMED

(As required by plans/specifications)

No

0

0

None

MKT Vibro Hammer

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 4

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.

\9402\QCRPT3A PAGE 3 OF 4

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 complaince 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 DATE

\9402\QCRPT4 PAGE 4 OF 4

INSPE	ECTORS QUA		THE OCR WILL BE ATTACHED TO OR FILED WITH THE GAR									
	DAILY LOG	G OF CONST (ER 415-1-3		- CIVIL		,	REPOR	T NUMBER	24			
TO Area Eng	ineer		COPY	TO: C'	Const. Di	٧.	DATE	Saturd		ru M	londay	
CELMN-CD			5011		ELMN-CD	•	1	hru 28	•		•	
PROJECT Lake	Pontchartra	in, La. and	l Vicinity			nal.		ACT NUMB				
Mirabeau Ave								ACW29-		079		
CONTRACTOR (Or							WEATH					,
		ighway 59, i			70448		1	attach	red CO	C Re	porte	
		HEDULED DAY SUIT					1		TEMPER			
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EXCAVATION 100/0 %	EXCAVATION 100/0	x 100/0	% 10	00/0 %	100/0) _%		52°			78°	
									KHOUR P			
		HE WORK WHICH M	AIGHT [) NO	XX YES (Expla	un)	INCHE	s 28 No				
See "Cont	NGE ORDER OR FIN roversial N	NDING OF FACT? Matters" on	QAR #01.	<u>da</u> ted	<u>27 Sep 94.</u>	•		0.35"		_	730	м
		VERNMENT EMPLO					Γ		RIVER			
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	1.70'	TIME			
			1-8 hrs	1-8 h	rs			2.30'			300	м
NUMBER OF	CONTRACTOR'S EN	MPLOYEES			NUMBER O	F SHIFTS	£2k ¹	2	3			
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	то		FROM		TO	
2-56 hrs	1-32 hrs	4-112 hrs	7-200 hrs	0700	M 1530 M	м		м		M		M
Attach list of the Note: If the cor	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/SUE	CONTRACTORS A	NO AREA OF RESE	ONSIBILITY FOR	WORK PER	IFORMED TODAY	Υ						
		Inc CL				KUAD						_
b Southeas	t Erosion (Control -	NO WORK TH	HIS PER	IOD.							_
Gill's C	rane Servio	ce, Inc	NO WORK 1	THIS PE	RIOD.							_
WORK PERFORMS	ED TODAY (Indicate	le location and descrip	otion of work perfor	med. Refer to	o work performed h	by prime and/or	subcontri	actors buy l	eller in Tal	bie abov	•)	
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berrou.					DE	ERCENT P	RO.TFC	т сомр	LETE.	2	3.4%	
DATE SET	FOR COMPLET	ION: 07	FEB 96			ERCENT T			_		9.3%	
			<u>-</u> -								- 5/0	
		D AND INSTRUCTIO		lance t	. h -	1 . 0	L 1-	27	. 01	NT.	AP	
No CQC In on-site.	ispection Pl	hases were a	attended (uring	ine period	u oi 19	tnru	Z/ Not	7 94.	NO ((AK	
The follo	Wing COC Tr	nspection Pl	hases were	atten	ied on Mor	1., 28 N	ov 94	:				
CLEARING:		uctions issu		2011	1201	, _5 1						
		ADS: No in		3 issue	i.							
SURVEYING		ructions is:		2.20								
		15				•						

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., 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)

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 OCR 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/motx submixted) for this (xbetes/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. (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.

SUPERVISOR'S INITIALS

29 Nov 94

QAR #______

DATE: 19 thru 28 Nov 94

Item No.	Description	Contract Quan tit y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	-0-	58.5%	58.5%
02	CLEARING & GRUBBING	L.S.	L.S.	5.0%	5.0%	10.0%	10.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9590 1f	-0-	9590 1f	89.9%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	.2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

QUALITY CONTROL REPORT DACW29-94-C-0079

LONDON AVENUE OUTFALL CANAL B & K CONSTRUCTION JOB NO. 9402

DATE: 11/28/94 REPORT NO: 41

MINIMPERIO MARTINE PER STITUTURA INTE

SKIES: Cloudy RAIN: 0.35 IN. TEMP: 52 MIN 65 MAX

DUST: Minimal LEVEE CONDITION: Wet/AM NOISE: None

(CANAL GAUGE)

(2.3)

\9402\QCRPT

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	L	OCATION/WORK	DESCRIPTION	*********************		
2	Unskilled	16	В & К	Surve	ey/Control Li	ne Work	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1	Skilled	8	"	"	"	"			
1	Supt.	8	"	"	"	II .			
1	Q.C. Rep.	8	u	"	u	u			

PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT

L		***************************************			***************************************
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	44-44
Koehring 535 Crane	***************************************	No	0	8	
MKT Vibro Hammer	-	No	0	8	

TESTS PERFORMED (As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 4

JUALITY 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.

\9402\QCRPT3A PAGE 3 OF 4

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 DATE

\9402\QCRPT4

PAGE 4 OF 4

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)

WORK PERFORMED/LOCATION

(2.0)

\9402\QCRPT

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 (HORK DESCRIPTION								
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION					
4	Unskilled	32	8 & K	Temporary Access Road & Clearing work (See Stations Above)					
1	Skilled	8	"	10					
1	Q.C. Rep.	8	11	n 0 11					
1	Supt.	8	*	0					

PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	- -
Komatsu D37P Dozer	No.	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.

\9402\QCRPT

PAGE 2 OF 4

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.

\9402\QCRPT3A PAGE 3 OF 4

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.

assin

Authorized QC Representative

11/23/94

DATE

\9402\QCRPT4

PAGE 4 OF 4

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	NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION										
4	4 Unskilled 32 B & K Temporary Access Road & Clearing work (See Stations Above)										
1 1 1	Skilled Q.C. Rep. Supt.	8 8 8	n u n	n n n	11 11	11 11					

\9402\QCRPT PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT

			 	***************************************	***************************************
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	_
Komatsu D37P Dozer	VAMP	No	0	8	••••
Kubota Excavator	_	No	0	8	_
Case 580 Backhoe	_	Yes	8	0	
Koehring 535 Crane	- Annual Control of the Control of t	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.

\9402\QCRPT PAGE 2 OF 4

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.

PAGE 3 OF 4

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 at noted.

Authorized QC Representative DATE

\9402\QCRPT4 PAGE 4 OF 4

MINUTES OF	SAFETY MEETING
DATE: 11/22/94	TIME: 7:30 AM
PROJECT: DACW29-94-C-0079 LONDO	N AVENUE OUTFALL CANAL
MEETING CONDUCTED BY: Jerry Jus	tice
persons attending: The Correage This person	dwy J. Lee
TOPICS DISCUSSED: Reviewed the Job Hazard An	alysis for Clearing & Grubbing and
Pedestrian Bridge Demolition.	Discussed proper protective gear
required for each of these feat	ures of work. Instructed employees
to wear Chaps, Safety Glasses,	and Ear Plugs while using the Chain
Saw.	
COMMENTS: Supt. Mike Tassin stated t	hat accidents happen off the job as
well as on the job. For your o	wn personal safety, employees should
practice safety habits at ALL t	imes, at home and at work.

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) -----

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	u I	Temp. Access Road Preparation north from Prentiss to Robert E. Lee							
1	Supt.	8	II	H H H H							

\9402\QCRPT PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT

L		***************************************			***************************************
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	1	7	••••
Komatsu D37P Dozer	-	Yes	7	1	
Kubota Excavator	**************************************	No	O	8	NAME:
Case 580 Backhoe		No	O	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.

\9402\QCRPT PAGE 2 OF 4

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.

\9402\QCRPT3A PAGE 3 OF 4

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

\9402\QCRPT4

PAGE 4 OF 4

INSPECTORS QUALITY A. JRANCE REPORT (QAR)							THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR							
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)								REPOR	T NUMBE	A				
		(EM 415-1-3						<u> </u>		2	23			
το Area Eng	ineer,		COPY		Const.	Div	v.	DATE			day			
CELMN-CD		da Ta	1 17: -: -: -:		LMN-CD	C		18 November 1994						
PROJECT Lake Mirabeau Av									ACW29			079		
)(II)	stalla.	WEAT		74	0 0	019		,
15.	NTRACTOR (Or hired labor) B & K Construction Company, Inc. 1905 Highway 59, Mandeville, La. 70448								Clear	. &	Mild	i		
	PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS										MPER		•	
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN	T CONCRI		STRUCTU	_		MINIM			MAXIM			
	100 % 100 % 100 % 100 % 100 %							-	56°				5°	
HAS ANYTHING	DEVELOPED ON TH	IE WORK WHICH L	AIGHT I	1 NO	XX YES (E	xrdan	ın)	13101:1		24 HO	UR PR		ATION	
LEAD TO A CHA	NGE ORDER OR FIL oversial Ma	NDING OF FACT?	_			•		INCHE	: s 0.00"	,	ENDM	vg 080	O	м
SeeContro		CTERS OF U		ateu 27	<u> </u>	•			Cana		W£R rS'		<u> </u>	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABO	A		FEET		Ť	TIME			
			1-4 hrs	1-4 hrs					1.70'			080	0	м
	CONTRACTOR'S E				_	R OF	SHIFTS	K K1			□ 3			
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	1530	,	FROM	то		1	MOM		то	
1-8 hrs	1-8 hrs	4-32 hrs	6-48 hrs				<u> </u>		м			M		м
Attach list of the Note: If the co	e following: (a) Ma intractor's Quality Ci	jor items of equipmonitrol Report (QCR)	ent either idle or i contains the info	working, and ormation it ne	(b) Number sed not be re	and d peate	classification ed.	of contra	actor pers	onnel	onsite.			
CONTRACTOR/SU	BCONTRACTORS A	ND AREA OF RES	ONSIBILITY FOR	WORK PER	EORMED TO	2DAY								
• <u>B&KC</u>	onst. Co.,	Inc TE	MPUKARY AC	CESS R	UAD; CL	LAR	CING							_
p														_
c .														_
WORK PERFORM	ED TODAY (Indicat	e location and descrip	olion of work nector	med. Refer to	work perform	neuf he	v Dilline Andri	r subcont	raciors him	v lette	r in Tabl	la abres	.)	
										,	201			
See the a	attached CQ	c keport fo	r details	or wor	k perio	rme	ed this	date	•					
Days of no work an	d reasons for same	,												
	s have been		o far this	s month	by con	tra	actors	due	to inc	lim	nate	wea	ther	
l delay	e nave been		J TOT CITE	OHEH	5, 6011	c r a	,	auc	CO THE	- 1 11	ia c c	wea	cher.	
									_					
	ress of work, cause:													
	ogressive w								. No w	ork	was	в ре	rform	ed
Dy SEC 01	r Gill's Cr	ane service	this date	e. see a	attacne	u C	до кер	ort.						:
						PE	RCENT I	ROJEC	T COM	PLE	TE:		3.2%	
DATE SET	FOR COMPLET	CION: 07 F	EB 96				RCENT T						7.4%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTIO	ONS GIVEN:											
Attended	the follow	ing CQC Ins	pection Ph	nases tl	his dat	e:								
CLEARING		uctions iss	_											
	CESS ROAD:			ied.										
SURVEYS:		ctions issu												
						_								
	•													

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: 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 OCR REPORT OR DISAGREEMENTS: NONE REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE HRS. ON SITE DESIGNATION DUTIES NAMES 3 hrs. OAR Const. Insp., GS-07 Z. BRYANT 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 DATE SUPERVISOR'S INITIALS

28 Nov 94

(Reverse of ENG FORM 2538-2 (CIVIL)

Page ≥of 2 pages

QAR # 23

DATE: Fri. - 18 Nov 94

Item No.	Description	Contract Quan tity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	58.5%	-0-	58.5%	58.5%
02	CLEARING & GRUBBING	L.S.	L.S.	5.0%	-0-	5.0%	5.0%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0 -	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	-0-	-0-	-0-	0.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	-0-	-0-	-0-	0.0%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	-0-	-0-	-0-	0.0%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	- 0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9590 lf	-0-	9590 1f	89.9%
19AB	ERÓSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	-0-	-0-	-0-	0.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
		W-10-					

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										
4	Unskilled	illed 32 B & K Temp. Access Road Surfacing from Mirabeau Northward (East Bank)									
1 1	Skilled QC Rep.	8 8	n n	,,	"	n n	11				

\9402\QCRPT PAGE 1 OF 4

QUALITY CONTROL REPORT EQUIPMENT

		y 1 M 194 0 (174) M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174) 1 M 174)	1800 3-00 1800 000 1800 005 005 01 17 17 17 17 17 17 17 18 17 17 17 17 17 17 17 17 17 17 17 17 17		***************************************
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	٥	8	-
Koehring 535 Crane		No	0	8	
	B (11 to 11				

TESTS PERFORMED (As required by plans/specifications)

None

MATERIALS RECEIVED

None

\9402\QCRPT PAGE 2 OF 4

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 ararm 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.

\9402\QCRPT3A PAGE 3 OF 4

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

\9402\QCRPT4

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