Lake Erie Diving, Inc.

362 Blackbrook Rd. Painesville, OH 44077

Office (440) 352-9472

Fax (440) 352-8471

UNDERWATER BRIDGE INSPECTION REPORT

Location:		Inspe	cted By:
Bridge #:	CUY-6-1499	Diver:	Youri Bardyguine
C	Detroit-Superior		
Waterway:	Cuyahoga River	Tender	r: Pat Murphy - Mark Maquire
City:	Cleveland, Ohio	Date:	2 October 2002
Inspection Pe	erformed For:		
Name:	HNTB		
Address:	55 Erieview Plaza Suite 500		
	Cleveland, Ohio 44114-1816		
Field Represe	entative: Bill Vermes		
Telephone #:	(216) 522-1140		
Water Elev Reference I		et Rank From t	ne top of the concrete cap to the
<u>Kererence 1</u>			f the pier column corner. (See Sketch)
Water Eleva	ation (Field Measurement):		The pier column comer. (See Sketch)
Weather C	onditions: Overcast		
Water Con	ditions: Calm – 70 De	egrees	
Soundings:	The state of the s	Weighted Tape N	Measure
(See Attached Print)			
	Piers Inspected: Detailed Observations)	2	ý.
	Abutments Inspected: Detailed Observations)	0	
Culvert:	N/A		

Lake Erie Diving, Inc.

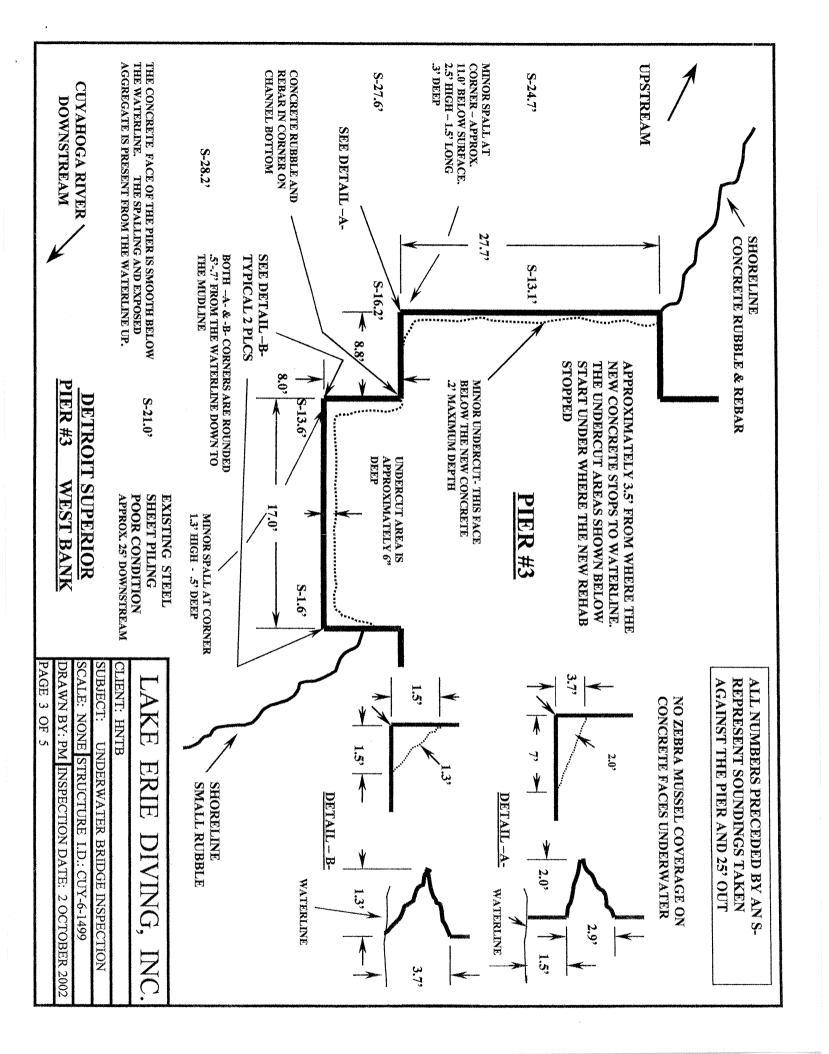
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PIER OBSERVATIONS

Bridge #: CUY-6-1499 Inspection Date: 2 October 2002
Pier Number: West Bank - Pier #3 (Reference Attached Print)
Type of Concrete: Cut-Stone: Timber: Steel: Construction: Other:
Bottom Material: Concrete rubble & rebar
Debris Around Pier: Concrete rubble & rebar
Scour: None
Exposed Footer: None
Footer Undermining: None
Exposed Piling Under Footer: N/A
Piling Condition: N/A
Cracks & Spalls: Yes – See sketch
Fender Condition: N/A
Impact Damage: Pier corners are spalled above the waterline – see detail. Corners are rounded and spalled below the waterline.
Unusual Conditions: New concrete placed during rehab stopped 3.5' above waterline. Existing concrete below the new has spalling on the face with the corners rounded below the waterline.
Overall Condition Rating: Good



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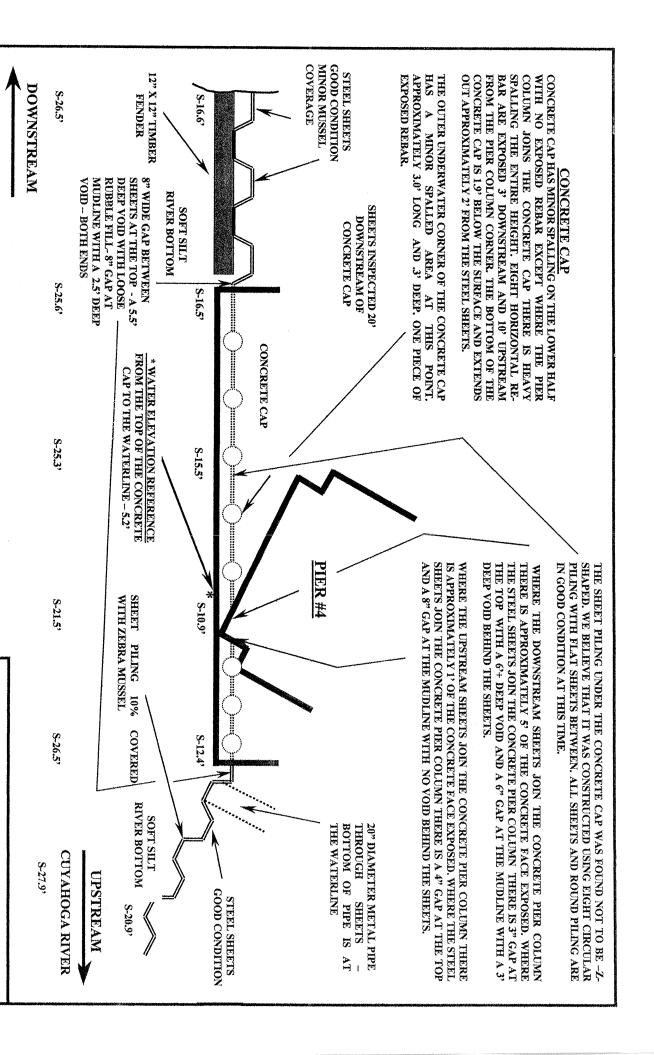
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PIER OBSERVATIONS

Bridge #: CUY-6-1499 Inspection Date: 2 October 2002
Pier Number: East Bank - Pier #4 (Reference Attached Print)
Type of Concrete: Cut-Stone: Timber: Steel: Construction: Other:
Bottom Material: Soft silt
Debris Around Pier: None
Scour: None
Exposed Footer: None
Footer Undermining: None
Exposed Piling Under Footer: None
Piling Condition: N/A
Cracks & Spalls: Yes - see sketch
Fender Condition: N/A
Impact Damage: None
Unusual Conditions: None
Overall Condition Rating: Good



REPRESENT SOUNDINGS TAKEN

ALL NUMBERS PRECEDED BY AN S-

PIER #4 – EAST BANK

SUBJECT:

UNDERWATER BRIDGE INSPECTION

CLIENT: HNTB

AKE

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SCALE: NONE

STRUCTURE

I.D.: CUY-6-1499

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DRAWN BY: PM INSPECTION DATE: 2 OCTOBER 2002

CUYAHOGA RIVER

AGAINST THE PIER AND 25'OUT