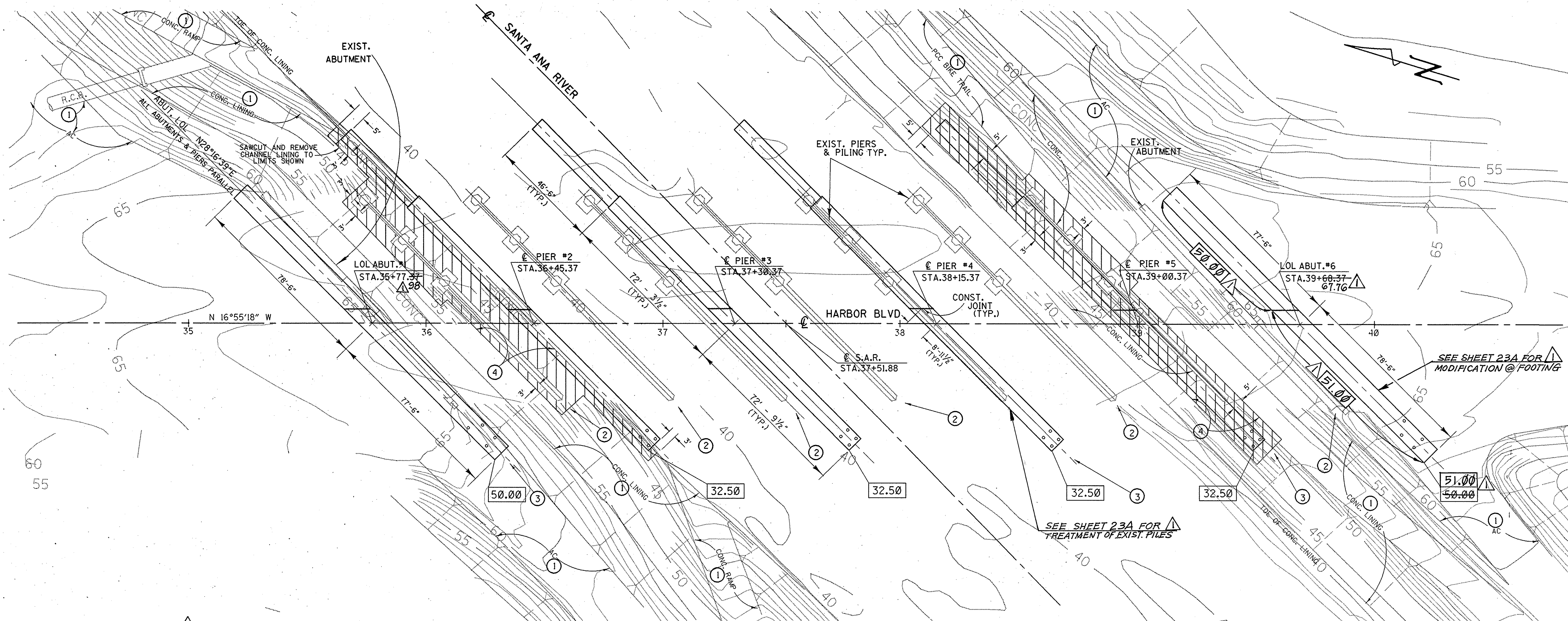




AS-BUILT PILE DRIVING DATA

PILE DRIVER MAKE AND MODEL: **PHASE I** DELMAG D36-32 **PHASE II** DELMAG D36-32
 DRIVING ACTION :
 RATED ENERGY :
 RAM WEIGHT **7,938 LBS.** **6,615 LBS.**
 MAXIMUM STROKE
 BEARING VALUE FORMULA $P = \frac{2WL}{S+0.1}$ $P = \frac{2WL}{S+0.1}$
 P= P=

	CUT-OFF ELEVATION	MAXIMUM TIP ELEVATION	MINIMUM TIP ELEVATION	AVERAGE "AS BUILT" PILE TIP ELEVATION	PH. I PH. II	PH. I PH. II	PH. I PH. II	PH. I PH. II	AVERAGE BEARING VALUE (TONS) *
ABUT. NO. 1	50.25	-11.45	-15.75	-14.02	6.2	6.6	10	15	38 49
PIER NO. 2	32.75	-29.25	-33.25	-32.70	8.0	7.1	33	18	138 61
PIER NO. 3	32.75	-32.25	-33.25	-32.74	7.1	7.4	16	20	66 70
PIER NO. 4	32.75	-32.25	-33.25	-32.79	6.3	7.0	8	15	31 51
PIER NO. 5	32.75	-32.25	-33.25	-32.79	6.8	7.2	9	16	38 56
PHASE I ABUT. NO. 6	51.25	-12.75	-14.75	-13.14	6.7		12		48
PHASE II ABUT. NO. 6	50.25	-11.85	-15.75	-14.37	6.8		21		67

* THE ACTUAL BEARING VALUES ARE HIGHER THAN THESE
 RECORDED BEARING VALUES. SEE CONSTRUCTION
 INSPECTION REPORT # 31 FOR NOTES ON THIS SUBJECT.

FOUNDATION PLAN
 SCALE : 1" = 20'

LEGEND :

- ① PROTECT IN PLACE
- ② REMOVE FOUNDATION AND PILING TO EL. 30 AT PIERS, EL. 48 AT ABUTMENT
- ③ REMOVE ENTIRE FOUNDATION AND EXTRACT PILING
- ④ SAWCUT AND REMOVE CHANNEL LINING PER CHANNEL LINING DETAIL SHEET
- DENOTES NEW PILE FOUNDATION
- - - DENOTES EXISTING FOUNDATION
- DENOTES BOTTOM OF FOOTING ELEVATION
- ▨ CHANNEL LINING REMOVAL LIMITS

NOTE : CHANNEL LINING REMOVED SHALL BE REPLACED PER PLANS INCLUDED HEREIN. TYPICAL SECTION OF EXISTING CHANNEL LINING DEPICTED PER PLANS INCLUDED HEREIN.

RECORD DRAWING

4-95 REVISE AS-BUILT PILE DRIVING DATA SEE SHT. 23A MARK DATE DESCRIPTION PREPARED UNDER 		ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY HARBOR BLVD. IMPROVEMENTS BRIDGE FOUNDATION PLAN DESIGNED RB/RH DRAWN HP SCALE AS SHOWN DATE 3/93 CHECKED RH DRAWING NO. SHEET 19 OF 60	
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