

AS BUILT PILE DRIVING DATA

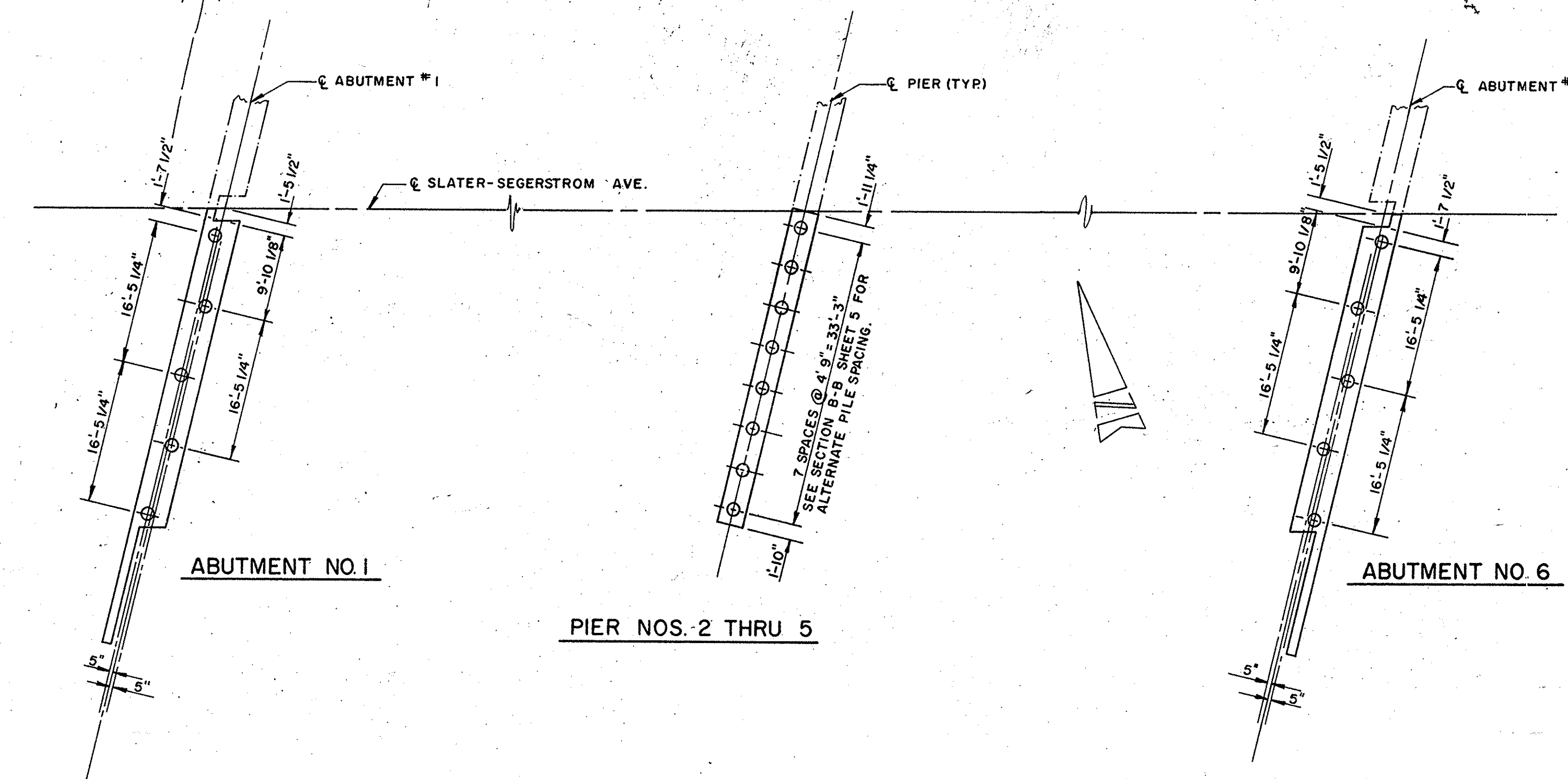
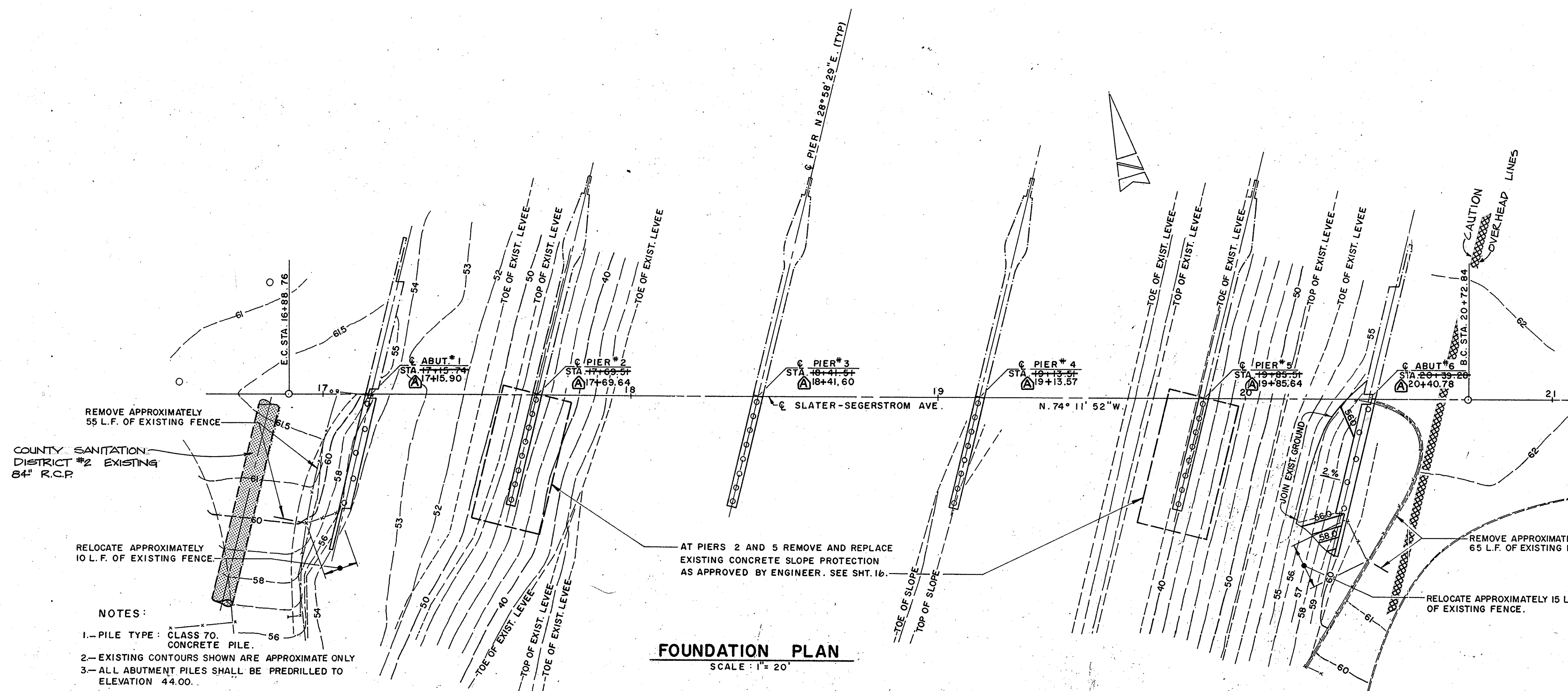
PILE DRIVING MAKE AND MODEL KOBE K-22
 DRIVING ACTION SINGLE STROKE DIESEL
 RATED ENERGY
 RAM WEIGHT 4850 lbs.
 MAX. STROKE 7.14'
 BEARING VALUE FORMULA STD. SPEC. SECTION 305-1.5
 P = 70 T. OR P =

	* CUT-OFF ELEVATION	* MAXIMUM TIP ELEVATION	* MINIMUM TIP LENGTH	* AVERAGE 'AS BUILT' PILE TIP ELEVATION	* AVG. STROKE HEIGHT	* AVG. BLOWS PER FOOT	* AVG. BEARING VALUE (TONS)
ABUTMENT NO. 1	53.68	-5.11	58'0"	+2.00	5.66'	80	140T
PIER NO. 2	31.90	-11.88	48'	-11.00	5.66'	85	140T
PIER NO. 3	31.90	-13.58	48'	-13.25	5.66'	80	140T
PIER NO. 4	31.90	-13.69	48'	-13.50	5.66'	85	140T
PIER NO. 5	31.90	+11.50	30'	+11.00	5.66'	85	140T
ABUTMENT NO. 6	63.00	-7.06	69'0"	-6.50	5.66'	80	140T

* NEW BRIDGE CONSTRUCTION (D/S WIDENING)
 NOTE: TABLE AND DATA ABOVE FOR USE OF RESIDENT ENGINEER UPON COMPLETION OF CONSTRUCTION.

ABUT. OR PIER NO.	PILE NO.*	PILE CUTOFF	NEW PILE TIP	MINIMUM PILE LENGTH	AVE. AS BUILT-PILE PILE** LENGTH
ABUT # 1	PILE # 1	53.68	+ 2.00	51.68	55.58
ABUT # 1	PILE # 2	53.56	+ 2.00	51.56	55.58
ABUT # 1	PILE # 3	53.43	+ 2.00	51.43	55.58
ABUT # 1	PILE # 4	53.30	+ 2.00	51.30	55.58
ABUT # 1	PILE # 5	53.18	+ 2.00	51.18	55.58
PIER # 2	ALL PILES	31.90	-13.00	44.90	45.34
PIER # 3	ALL PILES	31.90	-13.00	44.90	45.26
PIER # 4	ALL PILES	31.90	-13.00	44.90	43.59
PIER # 5	ALL PILES	31.90	+11.00	20.90	20.31
ABUT # 6	PILE # 38	54.40	-11.00	65.40	63.99
ABUT # 6	PILE # 39	54.27	-11.00	65.27	63.99
ABUT # 6	PILE # 40	54.13	-11.00	65.13	63.99
ABUT # 6	PILE # 41	54.00	-11.00	65.00	63.99
ABUT # 6	PILE # 42	53.86	-11.00	64.86	63.99

*-PILES ARE NUMBERED BEGINNING WITH THE PILE NEAREST THE CENTER LINE OF SLATER-SEGERSTROM AVE. AND PROGRESSING SOUTHERLY DOWNSTREAM BEGINNING WITH ABUTMENT #1 AND PROGRESSING FROM WEST TO EAST.
 *- "AS BUILT" PILE TIP ELEVATIONS ARE FROM THE 70 TON PILES OF THE EXISTING BRIDGE.



AS BUILT

1/2 0 1 2
 3 inches on original drawing

WHEELER & GRAY
 CONSULTING ENGINEERS
 Donald H. Gray
 S.E. # 918

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		SLATER-SEGERSTROM BRIDGE (SA-31A) WIDENING OVER SANTA ANA RIVER (EOI)	
FOUNDATION PLAN		7-83 AS BUILT	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
DESIGNED		SCALE	DATE
DRAWN		CHECKED	DWG. NO.
3		SHEET	