

MASTER PILE SCHEDULE																				FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS					
INSTRUMENTED PILES																				TEST DRIVING PILES										
PILE NUMBER	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	J	10											
AREA	1A	1A	1A	1A	1A	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B											
TYPE OF PILE	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	20" COMPOSITE	16 1/2" OCTAGONAL	12" SQUARE	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	16 1/2" OCTAGONAL	12" SQUARE	12" SQUARE	16 1/2" OCTAGONAL	20" COMPOSITE	16 1/2" OCTAGONAL											
PURPOSE	BEARING CAP & SPLICE EVALUATION	- do.	- do.	- do.	BRE. CAP, SPLICE EVAL. & BUCKLING	DETERMINE AMT. - DRAG	BITUMEN DRAG REDUCTION	DETERMINE AMT. - DRAG	BITUMEN DRAG REDUCTION	DRIVEABILITY & SPLICE EVALUATION	- do.	- do.	- do.	- do.	- do.	- do.	- do.	- do.	BITUMEN DRAG REDUCTION											
TOTAL LENGTH AFTER DRIVING AND CUTTING OFF	197'	207'	232'	207'	202'	219'	219'	219'	219'	222'	222'	222'	222'	222'	222'	222'	222'	234'	213'											
LENGTH OF CAST SEGMENT, BOTTOM SEG. FIRST	Stand. Splice 63, 80, 54	-	SEE SHT. 14	-	Stand. Splice 63, 43, 47, 49	-	-	-	-	NONE	NONE	90, 80, 54	90, 78, 54	NONE	NONE	NONE	90, 80, 54	SEE SHT. 13	STANDARD SPLICE 53, 33, 64, 38, 25											
IF MECHANICAL SPLICE	-	75, 80, 52	-	75, 80, 52	-	75, 80, 04	75, 80, 04	75, 80, 04	75, 80, 04	90, 78, 54	90, 78, 54	NONE	NONE	90, 78, 54	65, 55, 55, 47	65, 55, 55, 47	NONE	-	-											
TOP ELEVATION PILES A-J AFTER CUT-OFF, NO CUT OFF	+7	+7	+7	+7	+7	+19	+19	+19	+19	+7	+7	+7	+7	+7	+7	+7	+7	+9	+19											
SCHEDULED TIP ELEVATION	-190	-200	-225	-200	-195	-200	-200	-200	-200	-215	-215	-215	-215	-215	-215	-215	-215	-225	-200											
DIAMETER OF CENTRAL HOLE	5"	5"	5"	5"	3"	5"	5"	5"	5"	5"	5"	5"	5"	5"	3"	3"	5"	5"	5"											
CENTRAL HOLE TO BE GROUTED	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES											
COATING	NONE	NONE	NONE	NONE	NONE	NONE	BITUMEN	NONE	BITUMEN	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	BITUMEN 1/8" THICKNESS											
NO. OF PICKUP PTS. IN EA. SEGMENT BOT. SEGMENT FIRST	2, 3, 2	3, 3, 2	SEE SHT. 13	3, 3, 2	2, 2, 2, 2	3, 3, 2	3, 3, 2	3, 3, 2	3, 3, 2	3, 3, 2	3, 3, 2	3, 3, 2	3, 3, 2	3, 3, 2	2, 2, 2, 2	2, 2, 2, 2	3, 3, 2	SEE SHT. 13	-											
TYPE OF SPLICES	STANDARD	MECHANICAL	S-M	MECHANICAL	STANDARD	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	STANDARD	STANDARD	DOWEL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	DOWEL	DOWEL OR "S-M"	STANDARD											
STATION	10+15	10+85	10+15	10+85	10+50	12+05	12+15	12+25	12+20	12+06	12+11.5	12+17	12+09	12+14.5	12+06	12+11.5	12+17	12+20	12+03											
OFFSET	25'L	25'L	25'R	25'R	25'L	3'L	10'L	3'L	8'R	36'R	36'R	36'R	41.5'R	41.5'R	47'R	47'R	47'R	41.5'R	14R											
SLEEVE TOP ELEVATION	+5.5	+5.5	+5.5	+5.5	+5.5	+13	+13	+13	+13	+6	+6	+6	+6	+6	+6	+6	+6	+6	+10											
SLEEVE BOT. ELEVATION	-10.5	-10.5	-84.5	-84.5	-10.5	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10											
SLEEVE OUTSIDE DIAMETER	24"	24"	30"	20"	20"	24"	24"	24"	24"	24"	24"	24"	24"	24"	20"	20"	24"	30"	30"											
SLEEVE WALL THICKNESS	1/4"	1/4"	3/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	1/4"											
SLEEVE LEFT IN PLACE	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES											
NUMBER OF FULL STRAIN GAGE BRIDGES	3/2	3/2	NONE	NONE	4/2	2/4	2/4	2/4	2/4	-	-	-	-	-	-	-	-	-	-											
NUMBER OF ROD EXTENSOMETER ANCHORS	11	11	7	11	-	11	11	11	11	-	-	-	-	-	-	-	-	-	-											
NUMBER OF WIRE EXTENSOMETER ANCHORS	-	-	-	-	-	6	6	6	6	-	-	-	-	-	-	-	-	-	-											
NUMBER OF EARTH PRESSURE CELLS	-	-	-	-	-	3	3	3	3	-	-	-	-	-	-	-	-	-	-											
NUMBER OF PNEUMATIC PIEZOMETERS	-	-	-	-	-	3	3	3	3	-	-	-	-	-	-	-	-	-	-											
INCLINOMETER CASING PERMANENTLY INSTALLED	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES											
SLEEVE BACKFILL CONDITION	SAND	SAND	NONE	NONE	SAND	SEAL/WATER	SEAL/WATER	SEAL/WATER	SEAL/WATER	SAND	SAND	SAND	SAND	SAND	SAND	SAND	SAND	SAND	-											
TYPE OF DRIVING SHOE	CROSS	ROCK SHOE	SEE SHT. 13	ROCK SHOE	CROSS	ROCK SHOE	ROCK SHOE	ROCK SHOE	ROCK SHOE	CROSS	CROSS	CROSS	ROCK SHOE	ROCK SHOE	ROCK SHOE	ROCK SHOE	CROSS	NONE	CROSS											
CUT-OFFS	STANDARD SPLICE	2' from top of top Segment	-	-	2' from top of 2nd Segment	-	-	-	-	2' from top of 2nd Segment	- ditto	- ditto	NONE	NONE	NONE	NONE	2' from top of 2nd Segment	- ditto	- ditto											
MECHANICAL SPLICE	-	NONE *	NONE *	NONE *	-	NONE *	NONE *	NONE *	NONE *	There will be NO cutting-off of Mechanically Spliced Piles.																				

NOTES:

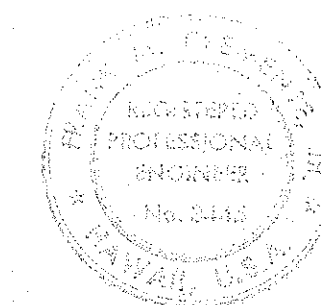
* There will be no cutting-off of Mechanically Spliced Piles, except in the event that the scheduled File Tip Elevation is not achieved.

3/1/77

Pile lengths reduced, splice types chosen and steel sleeves lowered on Piles 1 through 9.

Date

Revision



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
James M. McQuinn

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KEEHI INTERCHANGE
FIELD TESTING PROGRAM

MASTER PILE SCHEDULE

INTERSTATE ROUTE 41
PROJECT NO. I-41-1(85)
SCALE: NONE DATE: 3/31/70

SHEET NO. 25 OF 36 SHEETS