

GENERAL NOTES

1. TREES, SHRUBBERY AND OTHER VEGETATION WITHIN R/W SHALL BE REMOVED AND DISPOSED OF OR TRANSPLANTED AS INDICATED ON LANDSCAPING PLANS OR DIRECTED BY THE ENGINEER. WALLS AND OTHER IMPROVEMENTS DAMAGED BY THE REMOVAL OF TREES SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.
2. EXISTING FENCES AND METAL GUARDRAILS LOCATED WITHIN THE RIGHT-OF-WAY AND WHICH ARE TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
3. EXISTING CONCRETE STRUCTURES, SUCH AS SLABS, WALLS, MANHOLES, CULVERTS, CHANNELS, ETC., WHICH ARE DESIGNATED TO BE REMOVED OR ARE IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN 3 FEET BELOW FINISH GRADE IN ROADWAY AND SHOULDER AND NOT LESS THAN 1.5 FEET BELOW FINISH GRADE IN OTHER AREAS. PAYMENT FOR REMOVAL AND BACKFILLING WILL BE CONSIDERED INCIDENTAL TO VARIOUS CONTRACT ITEMS.
4. PORTIONS OF PRIVATELY OWNED IRRIGATION SYSTEMS WHICH EXTEND INTO R/W SHALL BE REMOVED BY CUTTING AND PLUGGING PIPES OUTSIDE OF R/W OR AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO VARIOUS CONTRACT ITEMS.
5. HEDGES AND OTHER VEGETATION ENCROACHING INTO THE R/W SHALL BE TRIMMED BACK TO R/W LINE IN A PROFESSIONAL MANNER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO VARIOUS CONTRACT ITEMS.

CURVE DATA

(A)	(B)
$\Delta = 2^{\circ}04'04"$	$\Delta = 1^{\circ}50'20"$
$\frac{\Delta}{2} = 1^{\circ}02'02"$	$\frac{\Delta}{2} = 0^{\circ}55'10"$
$R = 5754.00$	$R = 4000.00$
$T = 103.84$	$T = 64.19$
$C = 207.65$	$C = 128.37$
$L = 207.66$	$L = 128.38$

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	7	103

EAST HIND DRIVE

KIRKWOOD STREET

MATCH LINE @ STA. 134+00

TRUE NORTH
SCALE: 1"=40'

PLAN
SCALE: 1"=40'

MAUKA E.P. ELEV.

MAUKA E.P. ELEV.

EAST HIND DRIVE

KIRKWOOD STREET

MAKAI EDGE OF PAVT.

MAUKA EDGE OF PAVT.

EXISTING GROUND ALONG

PROFILE

SCALE: HORIZ. 1"=40'
VERT. 1"=2'

MAKAI E.P. ELEV.

MAKAI E.P. ELEV.

123+00

124+00

125+00

126+00

127+00

128+00

129+00

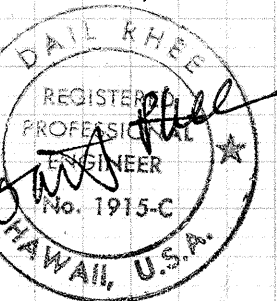
130+00

131+00

132+00

133+00

SHEET No. B-1 OF 5 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	8	123

MATCH LINE @ STA. 134+00

MATCH LINE @ P.C. STA. 145+47.24

CURVE DATA

$\Delta = 1^\circ 16' 09"$
 $\frac{\Delta}{2} = 0^\circ 38' 04.5"$
 $R = 5000.00$
 $T = 55.38$
 $C = 110.75$
 $L = 110.76$

$342^\circ 37' 46"$
 $\text{P.C. STA. } 134+54.66$
 $R = 5000.00$

$163^\circ 53' 55"$
 $\text{P.T. STA. } 136+05.42$

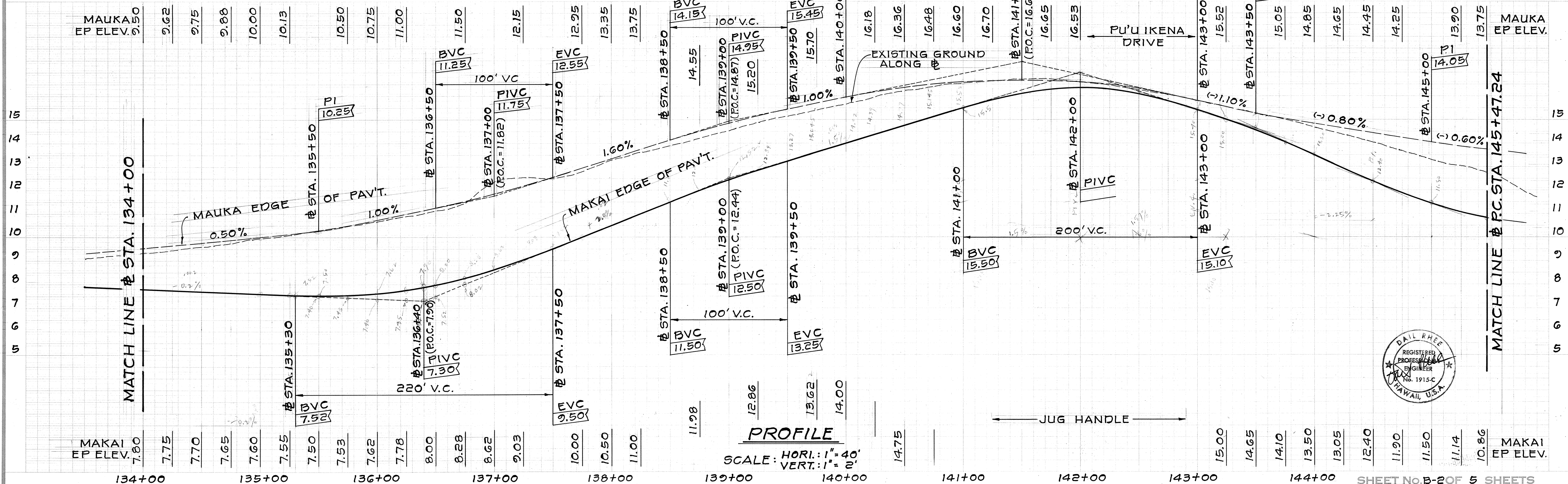
P.I. STA. 141+62.69

KAWAIKUI BEACH PARK

PU'U IKENA DRIVE

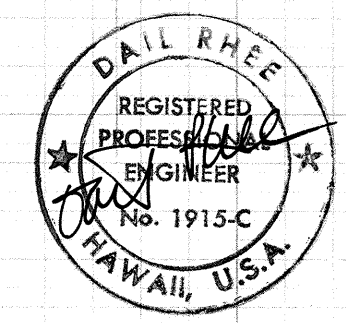
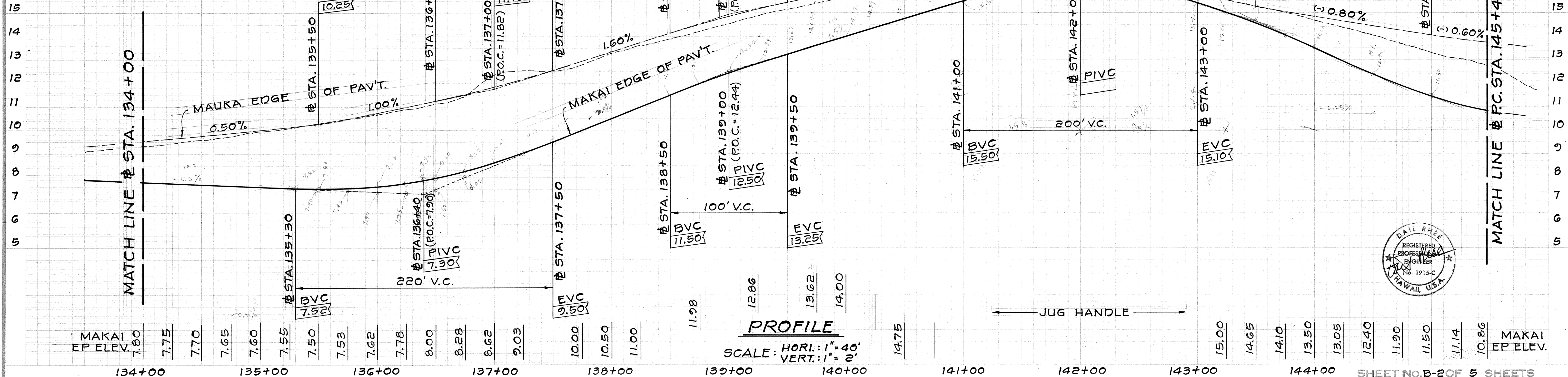
TRUE NORTH
SCALE: 1"=40'

PLAN
SCALE: 1"=40'

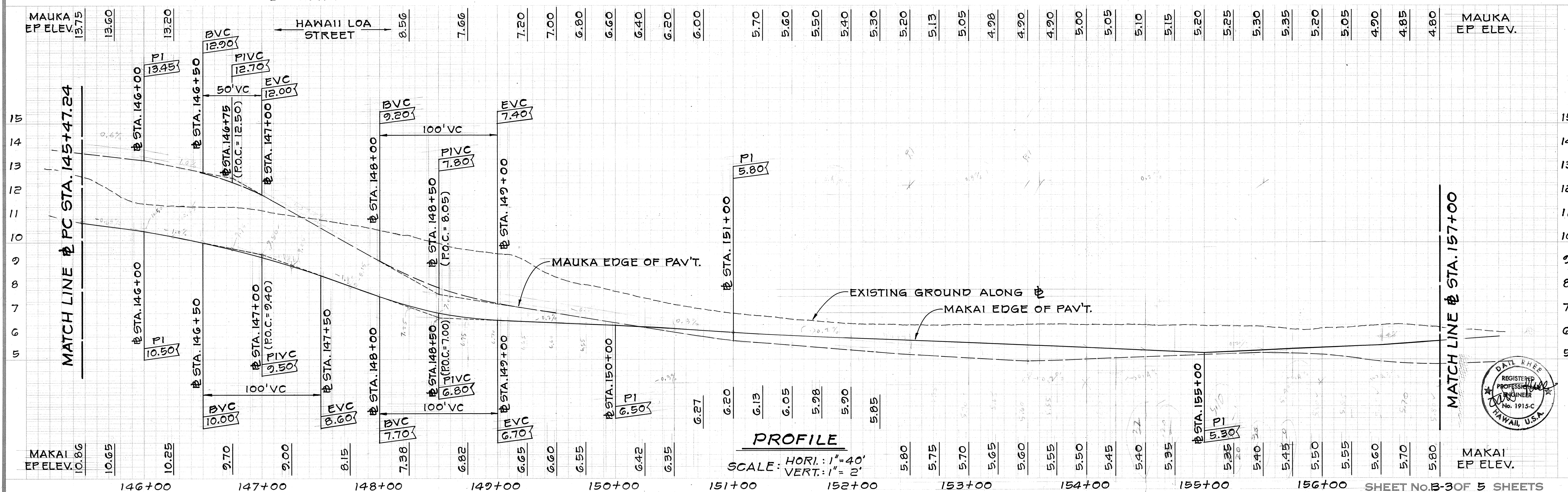
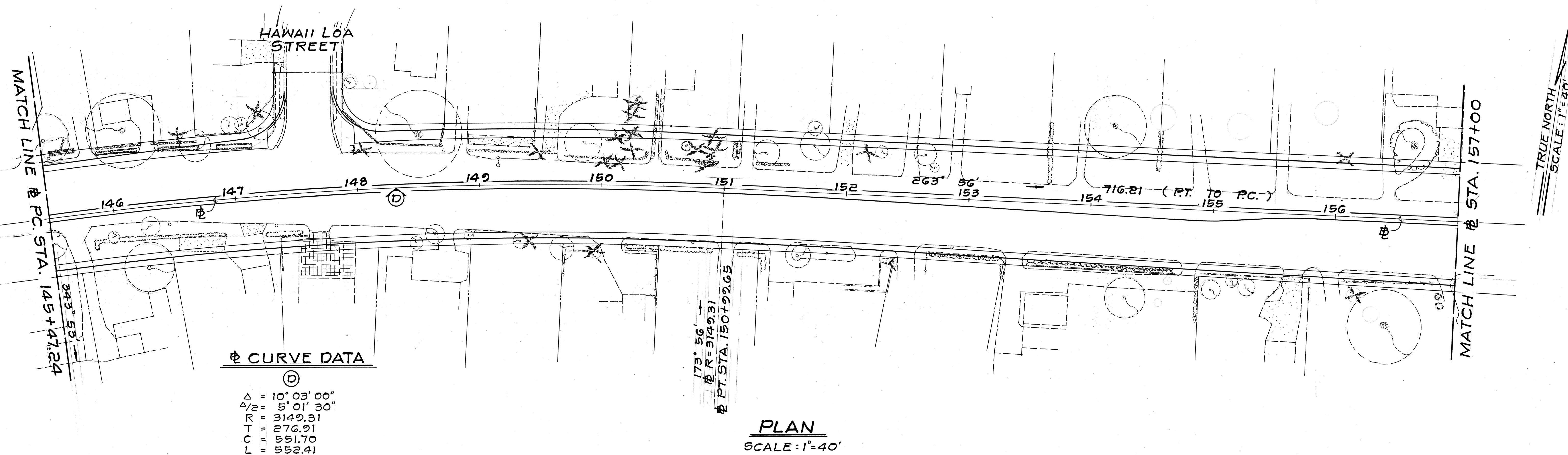


PROFILE

SCALE: HORIZ. 1"=40'
VERT. 1"=2'



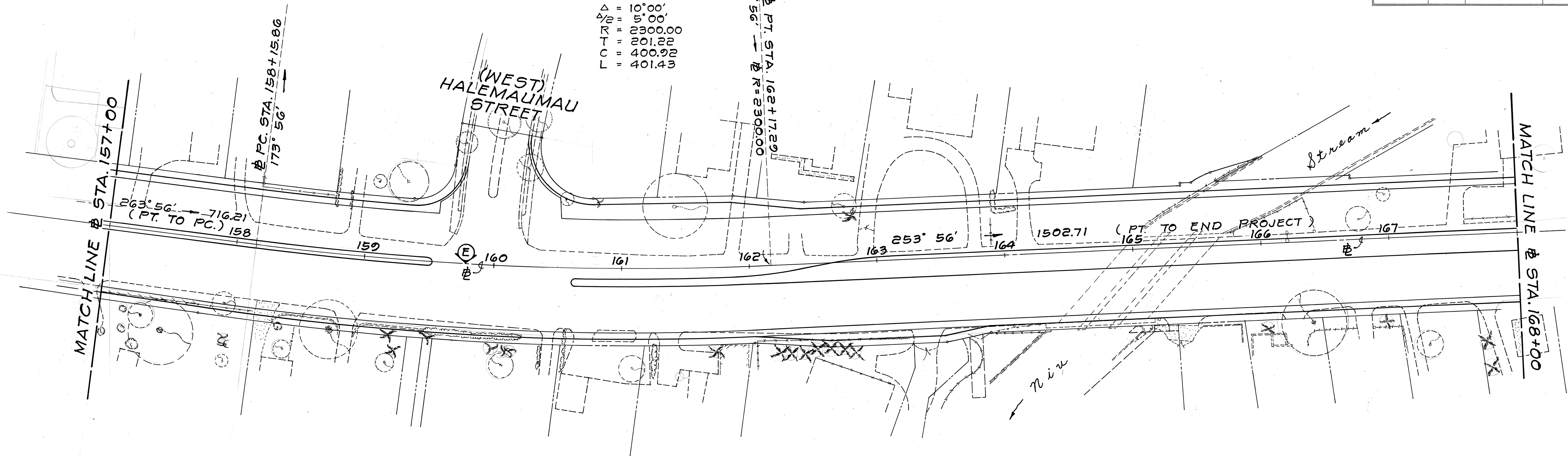
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	9	193



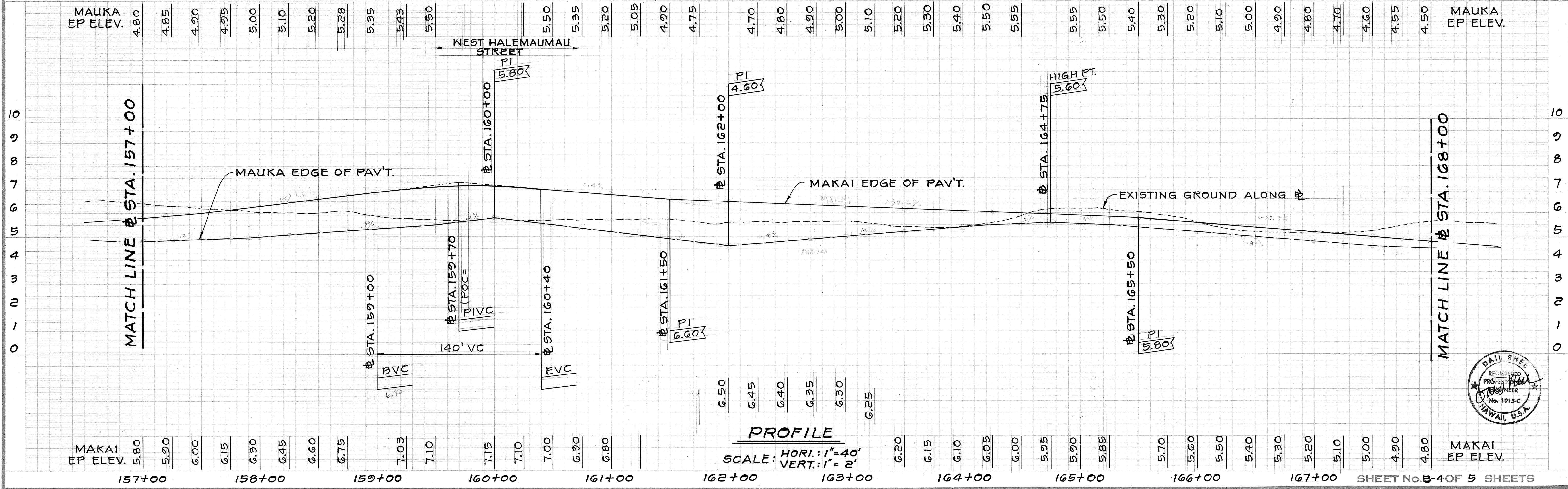
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	10	123

CURVE DATA

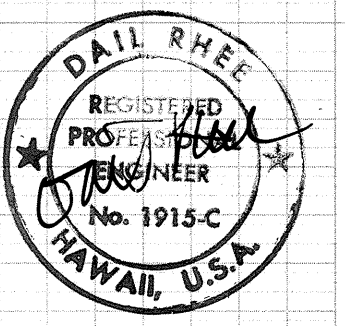
$\Delta = 10^{\circ}00'$
 $\frac{\Delta}{2} = 5^{\circ}00'$
 $R = 23000.00$
 $T = 201.22$
 $C = 400.92$
 $L = 401.43$



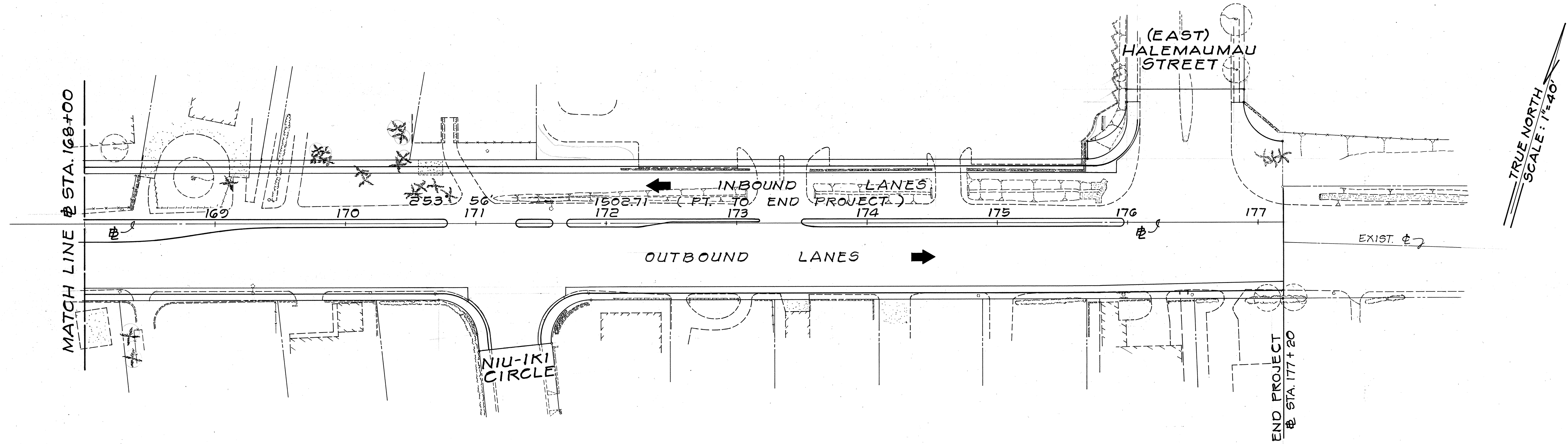
PLAN
 SCALE: 1"=40'



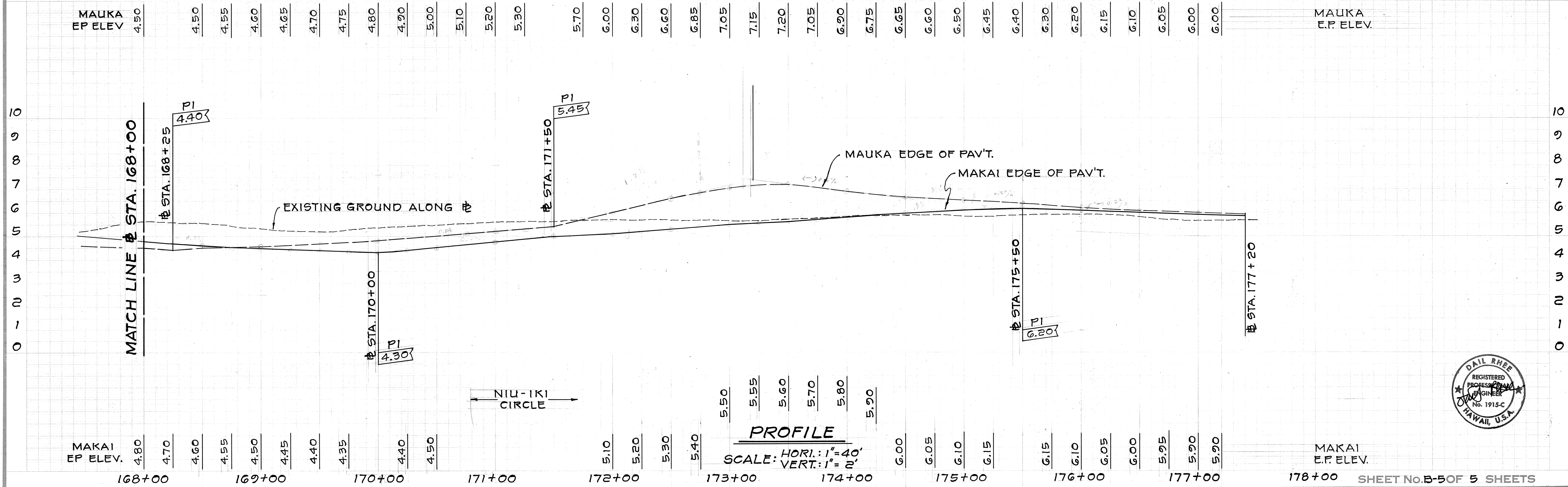
PROFILE
 SCALE: HORIZ: 1"=40'
 VERT: 1"=2'



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	11	123



PLAN
SCALE: 1"=40'



PROFILE

SCALE: HORI: 1"=40'
VERT: 1"=2'

