

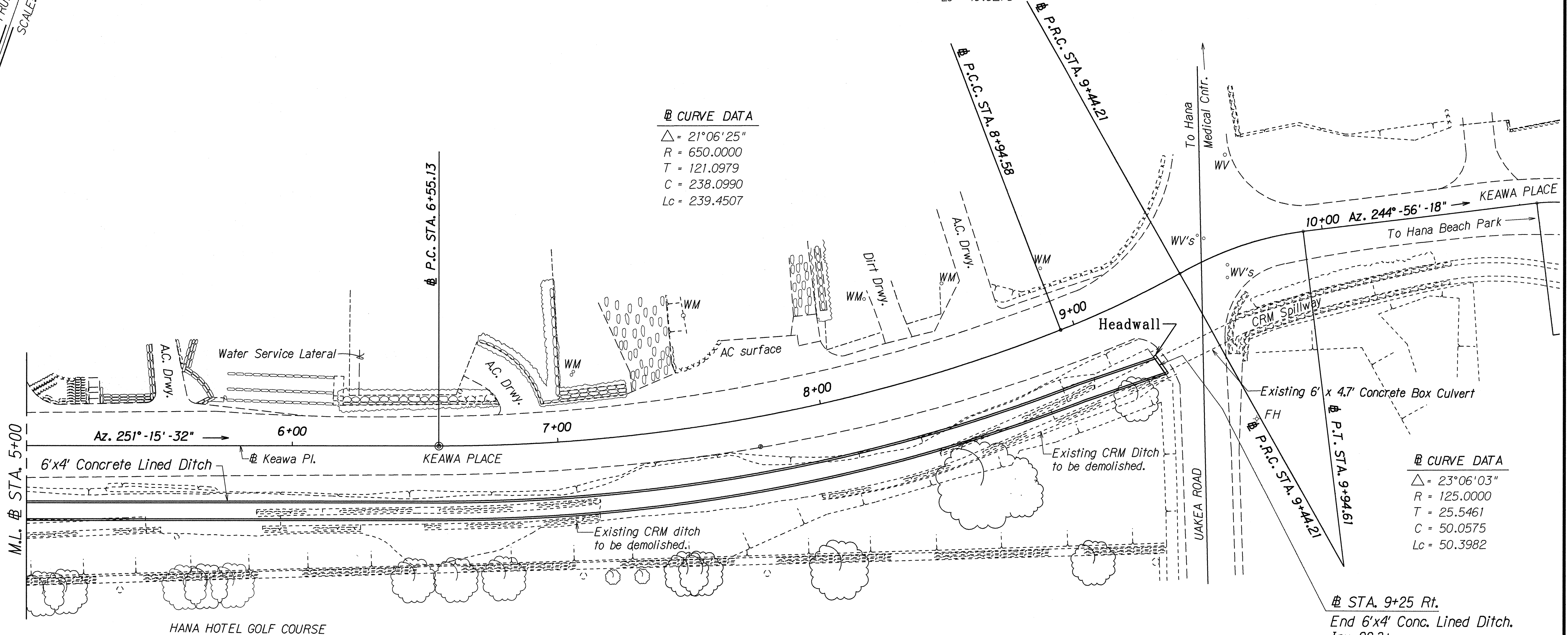
TRUE NORTH
SCALE: 1" = 20'

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-02-93M	1993	7	15

⊕ CURVE DATA
 $\Delta = 8^{\circ}18'51''$
 $R = 342.0000$
 $T = 24.8574$
 $C = 49.5839$
 $Lc = 49.6275$

⊕ CURVE DATA
 $\Delta = 21^{\circ}06'25''$
 $R = 650.0000$
 $T = 121.0979$
 $C = 238.0990$
 $Lc = 239.4507$

⊕ CURVE DATA
 $\Delta = 23^{\circ}06'03''$
 $R = 125.0000$
 $T = 25.5461$
 $C = 50.0575$
 $Lc = 50.3982$



⊕ STA. 5+00 RT. TO ⊕ STA. 9+25 RT.
Construct: 6'x4' Concrete Lined Ditch
(For details see sht. no. H5 to H9)

ESTIMATED QUANTITY

Structure Backfill 1,264 C.Y.
Class "A" Concrete for Drainage System 161 C.Y.
Reinforcing Steel 7,736 LBS.

⊕ STA. 9+25 Rt.
End 6'x4' Conc. Lined Ditch.
Inv.=20.3±
Make smooth connection to
existing 6' x 4.7' Box Culvert

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
NOTED BY		
CHECKED BY		
DATE		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLAN
HANA HIGHWAY
Storm Damage Repair
Vicinity of Keawa Place
Proj. No. 360B-02-93M

Scale: 1" = 20' Date: April, 1993
SHEET No. H2 OF 10 SHEETS