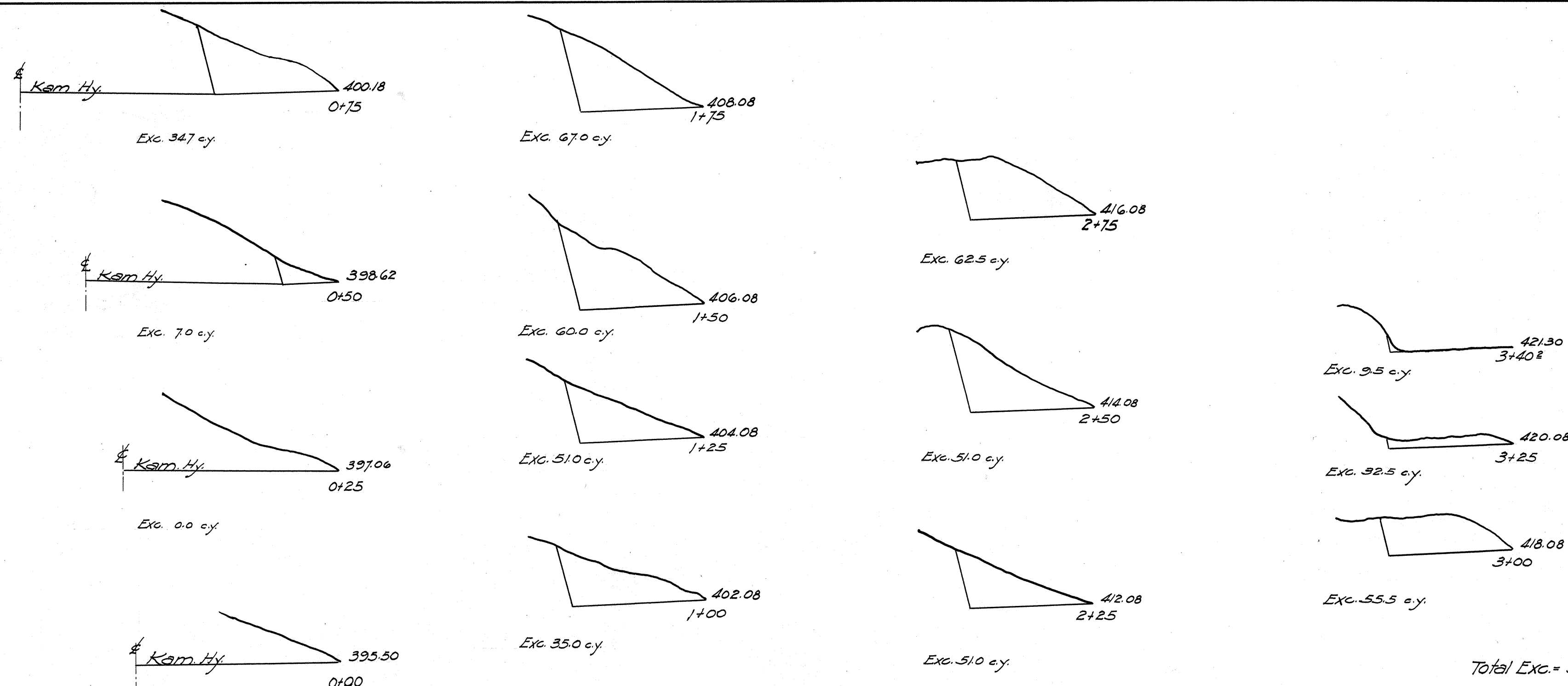
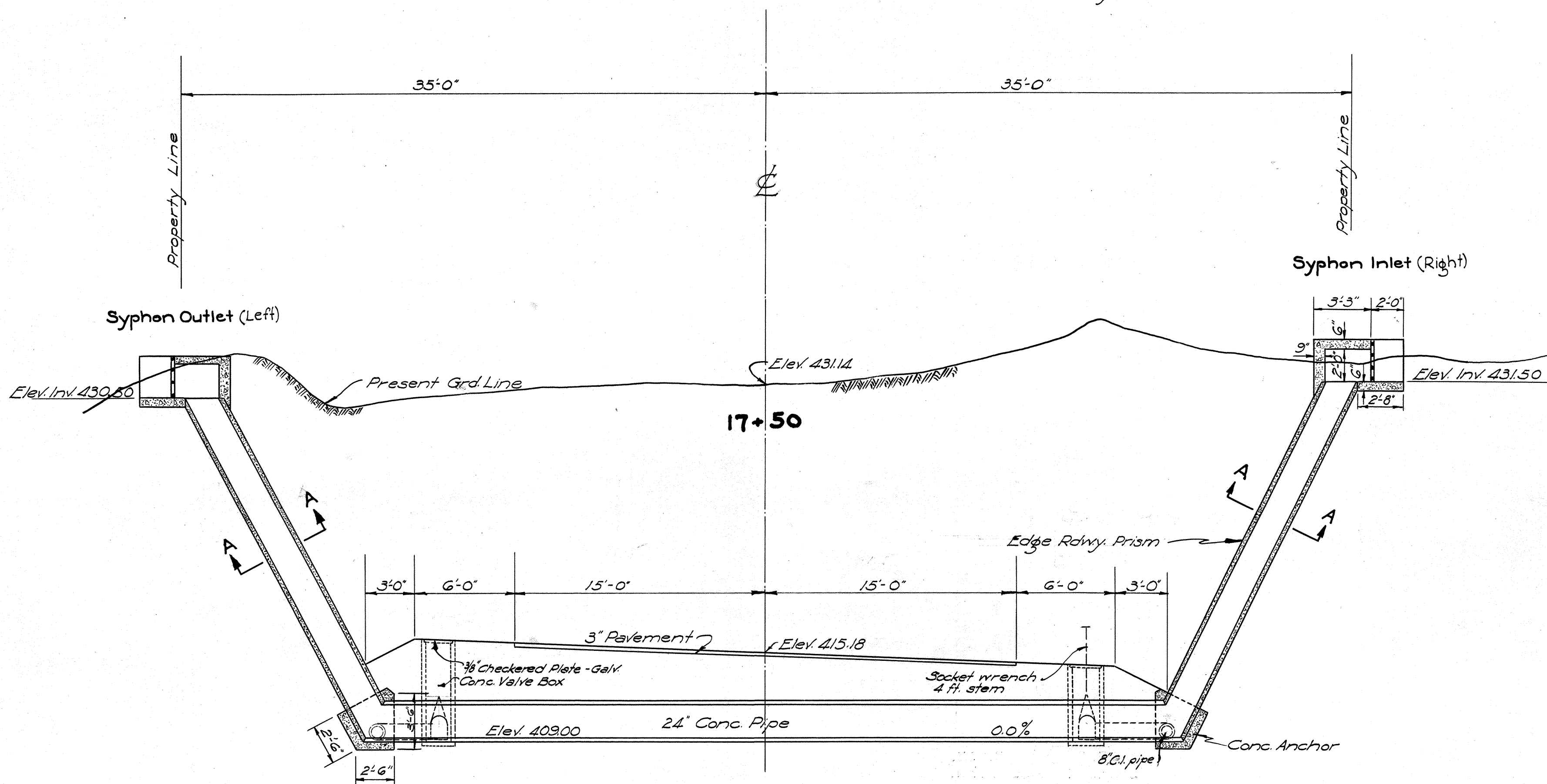
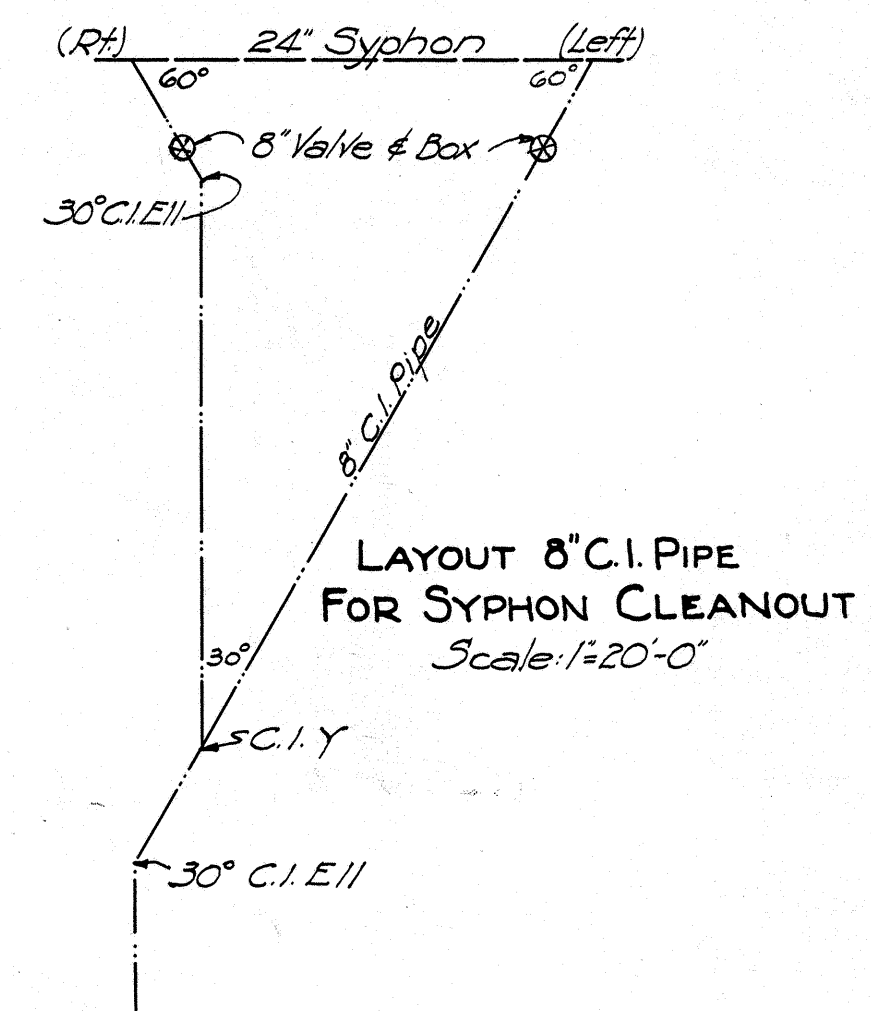


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	7F	1932	7	46



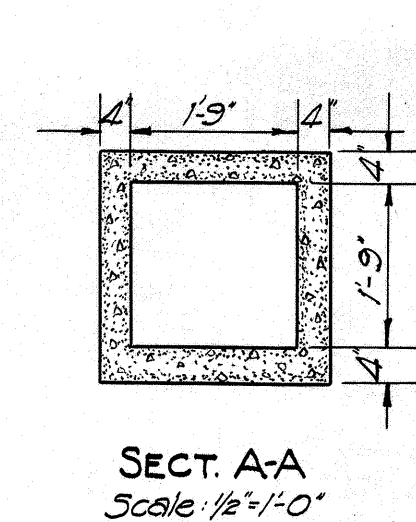
PLANTATION ROAD
Opposite 19+75



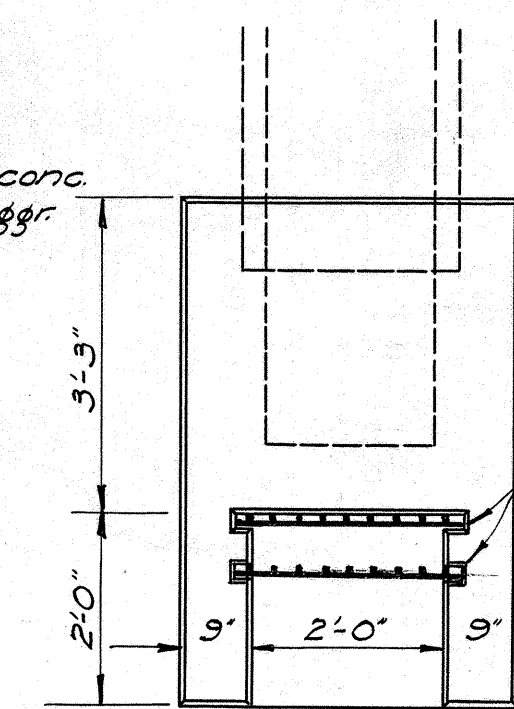
LONGITUDINAL SECTION
24" SYPHON
Scale: 1"=5'-0"

Note: Location of siphon approximately
at location of present 24" culvert

Existing 24" pipe culvert under
present road. 16 ft. to remain
in place.



Class A' conc.
3/4" max. aggr.



Cover to be 22" x 22" 3/8"
checkered plate - galv.
Class A' conc. valve box
Std. 8" C.I. Gate Valve
non-rising stem

Pipe from valve box
on left extends straight
and joins pipe on
right with 6" C.I. Y

Pipe to be gradually bent
back to ditch. Approx. 100' pipe

PLAN CONC. VALVE BOX
Scale: 1/2"=1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAILS OF SYPHON &
PLANTATION ROAD

Kamehameha Hy. Kipapa Gulch
FAP:ETf Dec. 1932

4276.7

P.D. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7F	1932	7A	46

This supersedes Sheet No. 7
Siphon eliminated and replaced
by reinforced concrete flume

