

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-03-02	1982	3	5

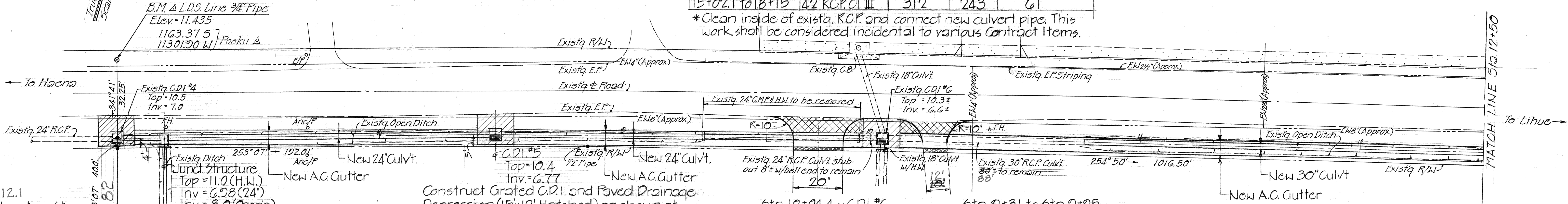
CULVERT SCHEDULE & EST. QUANT.

Sta. Range	Size & Type	Length, L.F.	Exc. C.Y.	Bed Course Mat'l. C.Y.
6+92.9 to 7+11.7	24" R.C.P. CI. III	16	7	2
7+11.7 to 8+47.5	24" R.C.P. CI. III	134	70	14
8+47.5 to 10+04.4	24" R.C.P. CI. III *	146	93	15
10+04.4 to 12+83.3	30" R.C.P. CI. III *	196	125	27
12+83.3 to 15+02.1	36" R.C.P. CI. III	216	217	40
15+02.1 to 18+15	42" R.C.P. CI. III	312	243	61

* Clean inside of existg. R.C.P. and connect new culvert pipe. This work shall be considered incidental to various Contract Items.

Sta. 6+93 to Sta. 15+02
Construct A.C. Gutter with invert shown on the Profile. For Details see Sheet No. 2
Est. Quant.
Aqg. Base Course = 100 C.Y.
A.C. Mix V = 58 Tons

Ching Young Village
Museum / Shops



Sta. 7+11.7 to 12.1
Construct Junction Structure as shown. For Details see Sheet No. 2
Est. Quant.
Struct. Exc. = 5 C.Y.
Class "A" Conc. = 1.5 C.Y.

BEGIN PROJECT 56D-03-82
Culvert Sta. 6+92.9 (Proj. No. 56D-04-75)

Sta. 6+92.9 ~ C.D.I. #4
Break into existing C.D.I. and install 24" R.C.P. seal existg. opening with Class "A" Conc. Construct paved Drainage Depression (15'x12'-Hatched) as shown. For Details, see Sheet No. 2
Est. Quant.
Roadway Exc. = 4 C.Y.
Aqg. Base Course = 3 C.Y.
A.C. Mix V = 2 Tons
The cost to break into and restoring C.D.I. & sealing of opening shall be considered incidental to various Contract Items.

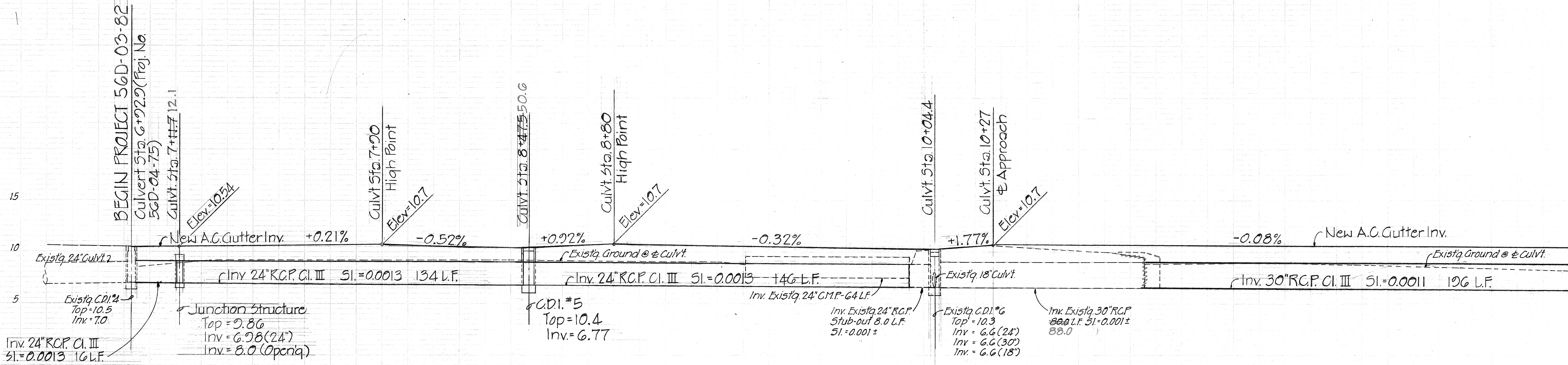
Construct Grated C.D.I. and Paved Drainage Depression (15'x12'-Hatched) as shown at locations indicated below. For Details, see Sheet No. 2
Est. Quant.
C.D.I. #5 @ Sta. 8+47.5 = 4 C.Y.
C.D.I. #7 @ Sta. 12+83.3 = 4 C.Y.
C.D.I. #8 @ Sta. 15+02.1 = 4 C.Y.
Roadway Exc. = 4 C.Y.
Struct. Exc. = 5 C.Y.
Class "A" Conc. = 1.5 C.Y.
Type A-2 Frame & Grate (Modified) = 1 Ea.
Aqg. Base Course = 3 C.Y.
A.C. Mix V = 2 Tons
Existg. conc. H.W. at the end of existg. transverse 18" culverts (Sta. 12+83.3 & Sta. 15+02.1) shall be removed before constructing new C.D.I.'s.

Sta. 10+04.4 ~ C.D.I. #6
Construct Paved Drainage Depression (15'x12'-Hatched) as shown. For Details, see Sheet No. 2
Est. Quant.
Roadway Exc. = 4 C.Y.
Aqg. Base Course = 3 C.Y.
A.C. Mix V = 2 Tons

Sta. 12+31 to Sta. 12+25
Remove existg. 24" C.M.P. Culvt.
Est. Quant.
Remove existg. 24" C.M.P. = 64 L.F.

Construct Approaches (Cross Hatched) as shown. For Details, Sheet No. 2
Est. Quant.
Roadway Exc. = 6 C.Y.
Aqg. Base Course = 4 C.Y.
A.C. Mix V = 3 Tons

PLAN
Scale: 1" = 20'



PROFILE @ CULVERT
Scale: Horiz. 1" = 20'
Vert. 1" = 5'

