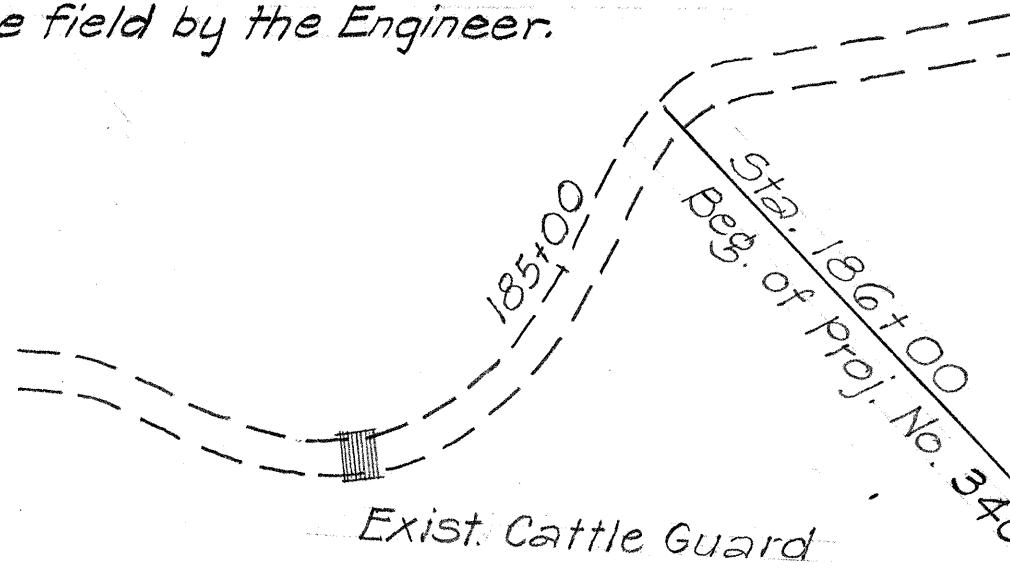


1. Pipes for Culverts shall be:
24" Corr. Metal Pipe, Sheet Thickness = .075 in. or
24" Reinf. Conc. Pipe, Class III or
24" Asbestos, Cement Pipe, Class III
2. Headwall shall be constructed of either Conc.
or CRM. Drop Intake & Drop Box shall be constructed
of Conc. They shall be measured & paid for by
"Each," constructed in place, as per Std. Detail.
3. Paved Gutter shall be measured and paid
for under Items No. 305.01, Cinder Base Course
No. 405.01, Asphalt Concrete Pavement.

Station	c.y.	c.y.	l.f.	l.f.	Ex.	Ex.	Ex.
201+80	51		50		1	1	
223+50	52		68	44	1		1
249+50	76		72		1	1	
257+50	50		56	40		1	1
260+50	67	28	70		2		
264+00	51	14	58		2		
277+00	58	90	64		2		
314+50	32	18	42	26	1		1
TOTAL	452	150	480	110	10	3	3

4. The length and flare ratio for all guard rail ends shall be determined in the field by the Engineer.
5. The placement and spacing of the Reflector Markers shall be determined in the field by the Engineer.
- 
- Exist. Cattle Guard
- 185+00
- Sta. 186+00
Beg. of Proj. No. 340
6. The Department of Transportation, Highways Division has arranged with the Department of Land and Natural Resources to make available, at no cost to the successful bidder, cinders to be used as Cinder Base Course and Cinder Base Leveling Course from the Launilupoko Cinder Pit located about four (4) miles south of Lahaina off Honoapiilani Highway.
7. Pavement Striping shall be done by the State Forces. The Contractor shall install the Pavement Markers and the Spacing of Pavement Markers shall be as shown on the plans and/or as directed by the Engineer.
8. The existing wooden bridge about 5,000 feet Lahaina side from the beginning of project,

Sta. 200+50 to 203+00 (Lt.)
Install Metal Guard Rail w/
Metal Posts 250 L.F.

and the existing wooden bridge at Sta. 296+80 shall be strengthened by the Contractor if required to prevent any damage. All costs to prevent and repair any damages due to the Contractor's operations shall be borne by the Contractor.

Const. Invert. For Details
See Sht. No. 2

Reconstruct exist. swale
Payment incidental to all items

Exist. 24" RCP

$$-235 + 001$$

Install
22 ea.

Sta. 223+50
Install 24" Pipe Culvert
Install 24" CM Spillway,
sht. thickness .064 in.
Const. 1- Headwall
1- Drop Box

Diagram illustrating the placement of Type D Pavement Markers on a 40' wide pavement section. The section is divided into segments of 15' and 12.5'. Markers are placed at the center of each 12.5' segment.

PLAN OF TYPE D PAVEMENT MARKERS

Not to Scale

-Painted Strips
by Others

Technical drawing of a rectangular reflector. The front view shows a rectangle with dimensions $3.85''-4.05''$ (width) and $3.85''-4.05''$ (height). The top and bottom surfaces are labeled "Reflective Surface". The side view shows a profile with a top edge angle of $0.50^\circ-0.70^\circ$, a side edge angle of $0.12'' \text{ Max.}$, and a bottom edge angle of 30° Max. . The top-left corner angle is also labeled 30° Max. .

TYPE D
TWO-WAY YELLOW REFLECTIVE MARKER
Not to Scale

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340A-02-72	1975	3	13

— Sta. 205+00 to 216+50 (Rt.)
Const. Paved Gutter

Sta 205+00-Exist. Twin 60" CMP Culvt
Install Metal Guard Rail w/ Metal Posts.
200 LF.
Const. Paved Gutter
For Details, See Sht. No. 2

✓ Install RM-1
(Bi-Directional)
3 ea.

1st. 60" CMP Cully't.

Install RM-1
4 ea.

Exist. 24" RCP -
(To be abandoned)

Sta. 249+50
Install 24" Pipe Culvert
Const. 1-Drop Intake
1-Headwall

Install RM-3
Lead

Sta. 247+00 to 257+30 (Rt.)
Const. Paved Gutter

(B) ————— (P)
Match Line

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAHEKILI HIGHWAY

PAYING FROM

POELUA TO HONANANA

PROJ. No. 340A-02-72

SCALE AS SHOWN DATE: FEB. 1975

SHEET No. 1 OF 2 SHEETS

