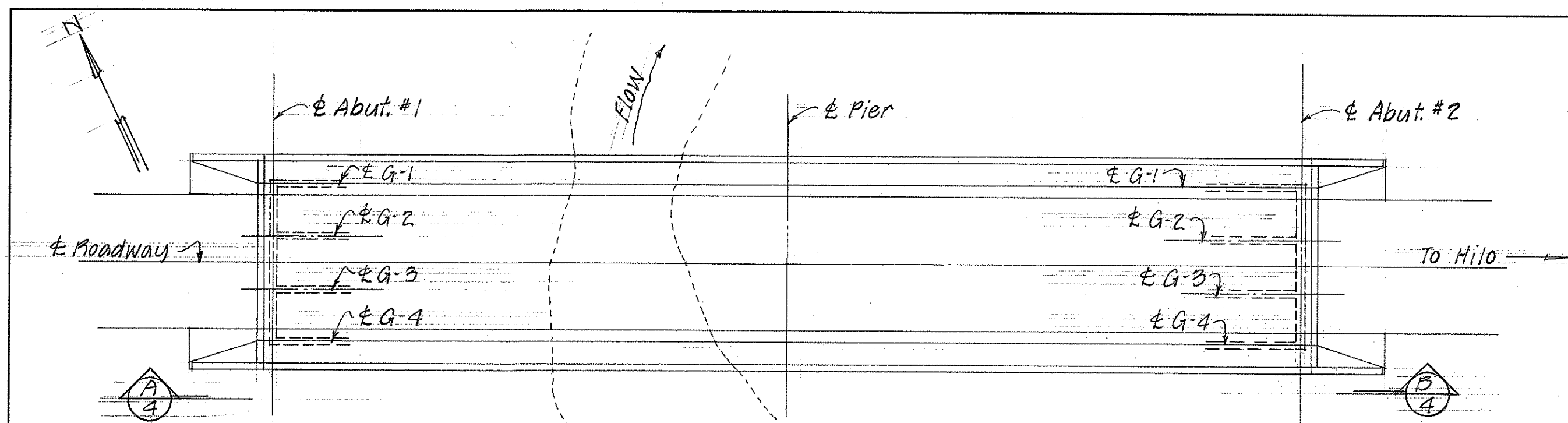
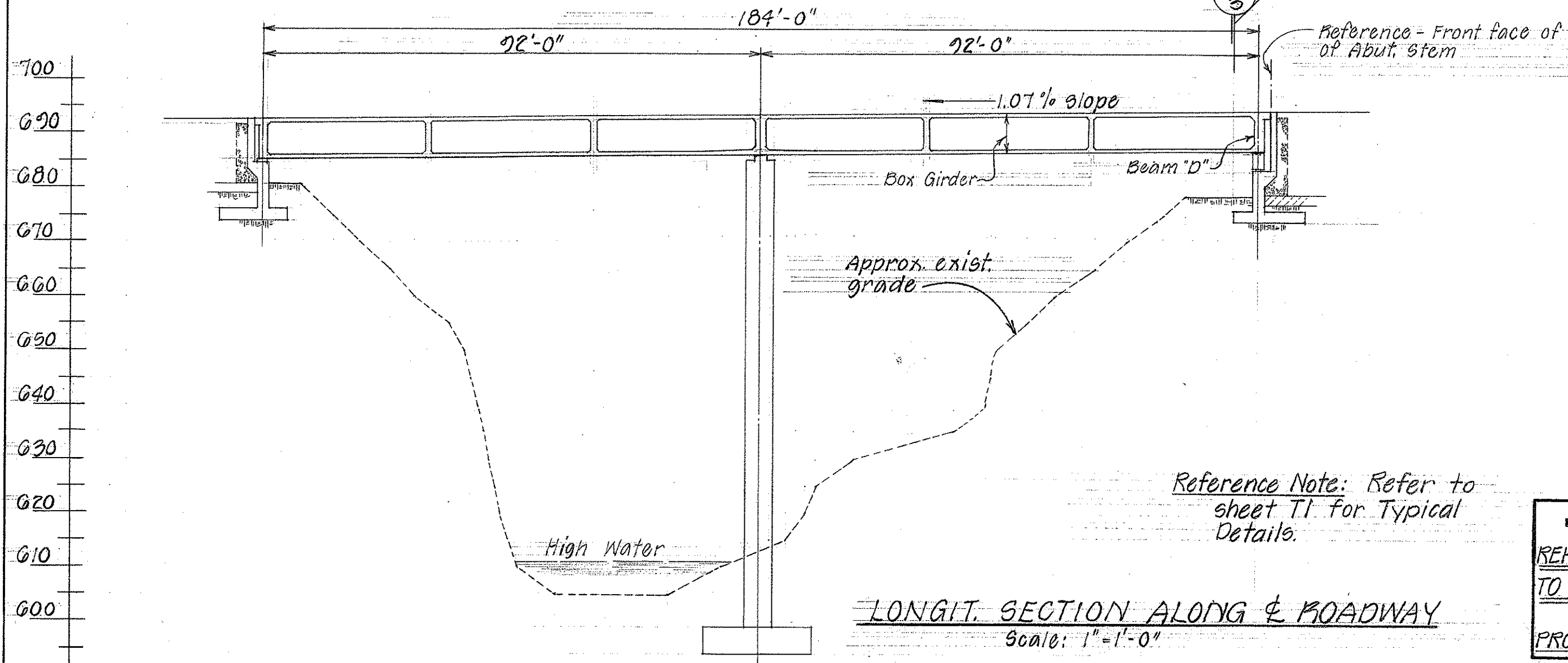


| FED. ROAD DIST. NO. | STATE | FED-AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 19 GHK-01-73      | 1973        | 11        | 39           |



**LAYOUT PLAN**

Scale: 1" = 20'



**LONGIT. SECTION ALONG & ROADWAY**

Scale: 1" = 1'-0"

Reference Note: Refer to sheet T1 for Typical Details.

|             |      |
|-------------|------|
| DESIGNED BY | DATE |
| DRAWN BY    |      |
| CHECKED BY  |      |
| APPROVED BY |      |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

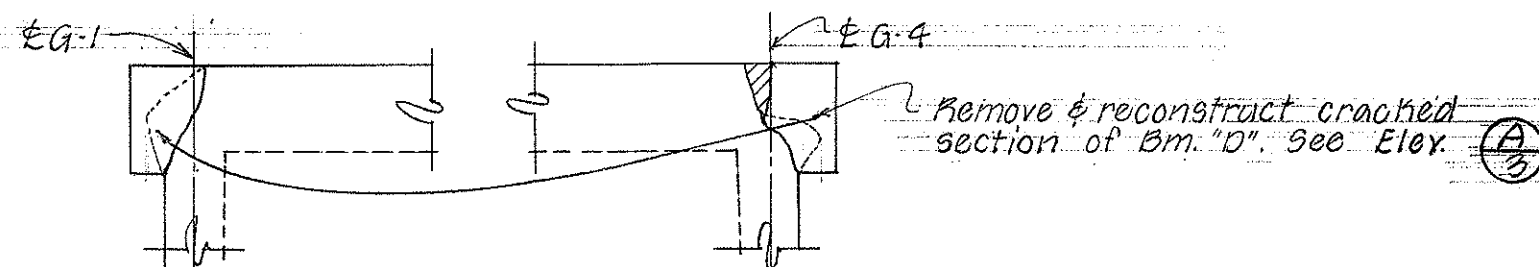
**REHABILITATION & REPAIRS  
TO WAIPIUNAHINA BRIDGE**

PROJ. No 19 GHK-01-73 Nov. 1973

SHEET No. 1 OF 4 SHEETS

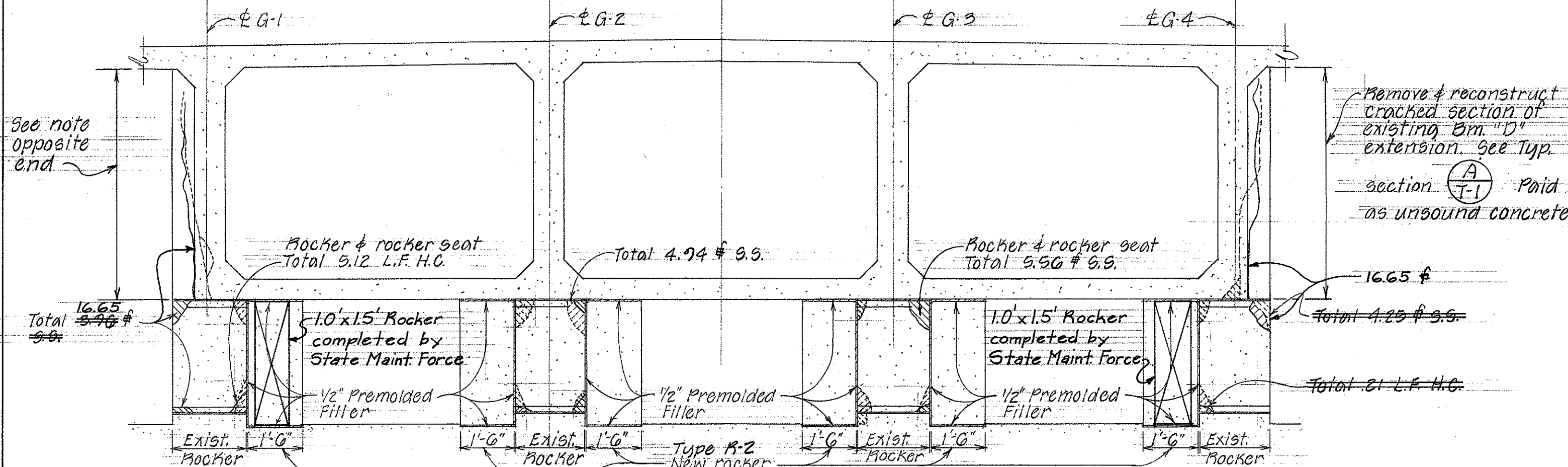


| FED. ROAD DIST. NO. | STATE | FED-AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 19 GHK-01-73      | 1973        | 13        | 39           |



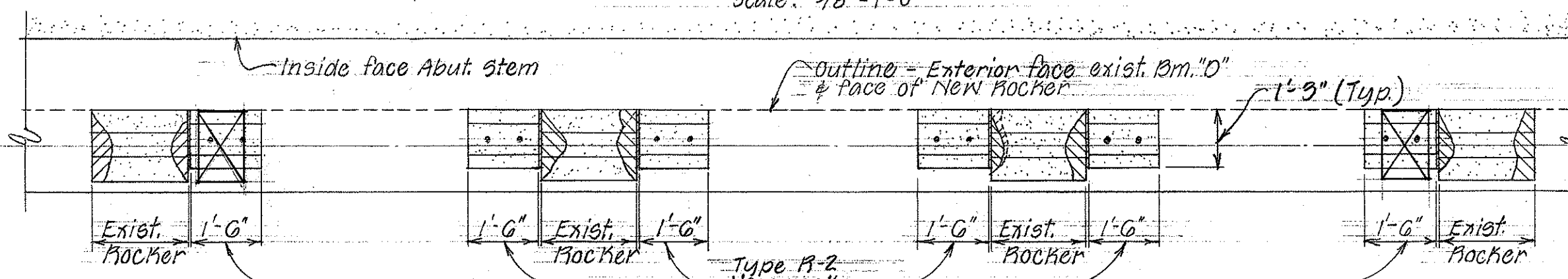
# PART BOX GIRDER REFLECTED CEILING PLAN - ABUT. #2

Scale: 3/8" = 1'-0"



## ELEV. (A/3) BEAM "D" AT ABUT. #2

Scale: 3/8" = 1'-0"

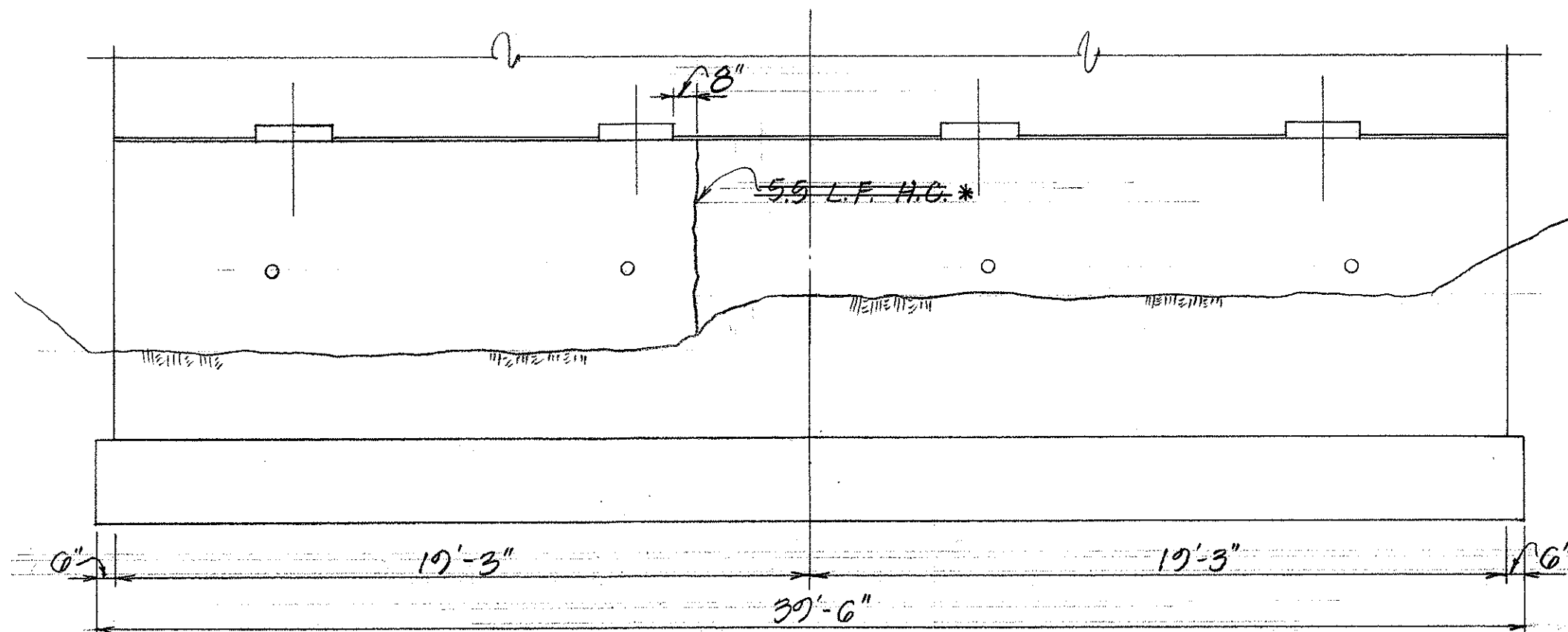


## TOP PLAN OF ROCKER

Scale: 3/8" = 1'-0"

|                                  |  |
|----------------------------------|--|
| STATE OF HAWAII                  |  |
| DEPARTMENT OF TRANSPORTATION     |  |
| HIGHWAYS DIVISION                |  |
| REHABILITATION & REPAIRS         |  |
| TO WAIKUNAHINA BRIDGE            |  |
| PROJ. NO. 19 GHK-01-73 Nov. 1973 |  |
| SHEET No. 3 OF 4 SHEETS          |  |

| FED. ROAD DIST. NO. | STATE | FED-AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 19 GHK-01-73      | 1973        | 14        | 39           |



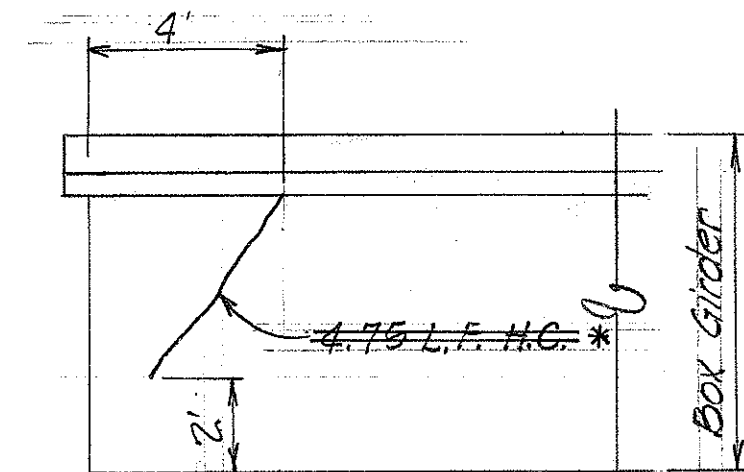
### ELEVATION - ABUT. #2

Scale: 1/4" = 1'-0"

\* Note: This quantity for sealing of cracks was used on Kaala Bridge and Kaholo Bridge.

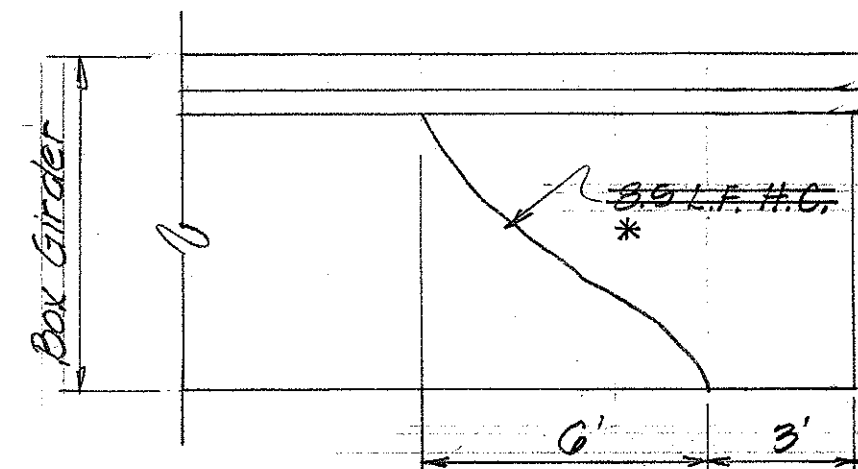
### Summary:

Sealing of cracks: 0 L.F.  
Spalls (Total): 33.3 #



### ELEVATION (A/4)

Scale: 1/4" = 1'-0"



### ELEVATION (B/4)

Scale: 1/4" = 1'-0"

|                                |  |
|--------------------------------|--|
| STATE OF HAWAII                |  |
| DEPARTMENT OF TRANSPORTATION   |  |
| HIGHWAYS DIVISION              |  |
| REHABILITATION & REPAIRS       |  |
| TO WAIPIUNAHINA BRIDGE         |  |
| PROJ. No 19GHK-01-73 Nov. 1973 |  |
| SHEET No. 4 OF 4 SHEETS        |  |

|             |      |
|-------------|------|
| DESIGNED BY | DATE |
| CHECKED BY  |      |
| NOTED BY    |      |
| APPROVED BY |      |