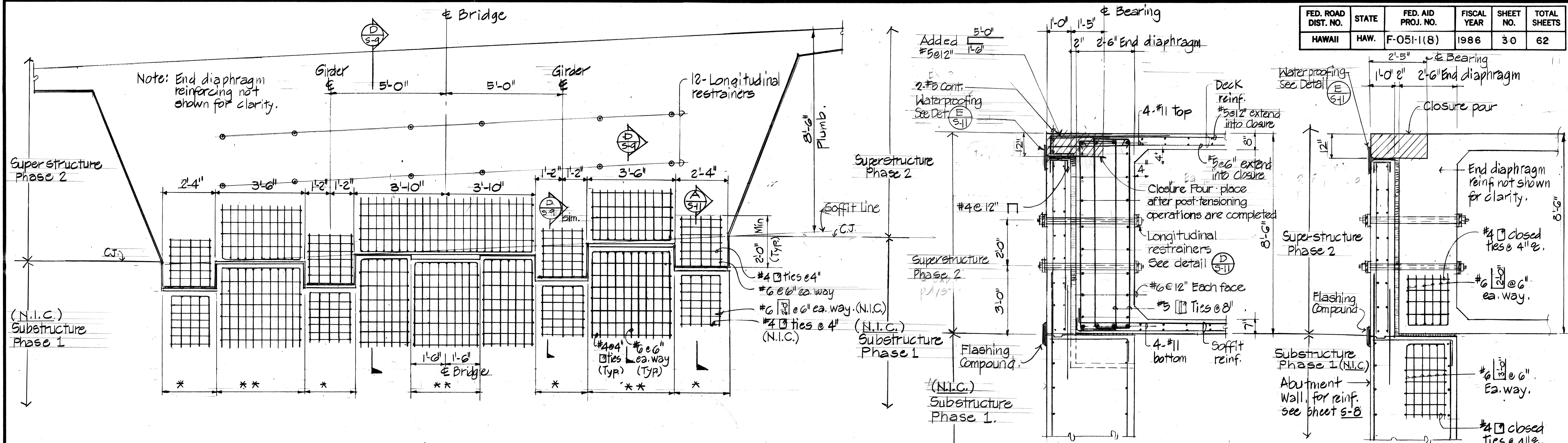


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | F-051-1(8)         | 1986        | 30        | 62           |



**ADDED REINFORCING IN END DIAPHRAGM & ABUTMENT** (B) 5-9

Scale: 1/2" = 1'-0"

\* Slide bearing space, for bearing pad and reinf. see sheet 5-11.

\*\* Space provided for use of Flat Jacks during maintenance operation.

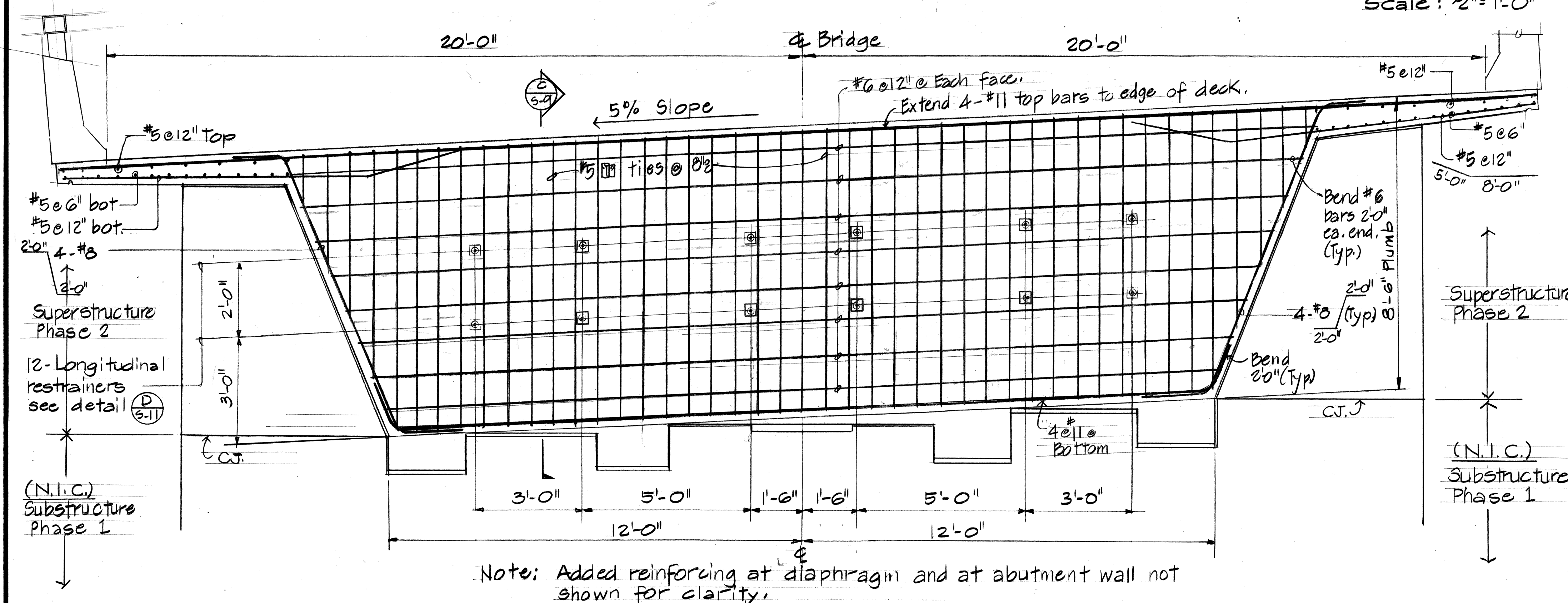
**BRIDGE - END DIAPHRAGM SECTION** (C) 5-9

Scale: 1/2" = 1'-0"

**SECTION** (D) 5-9

Scale: 1/2" = 1'-0"

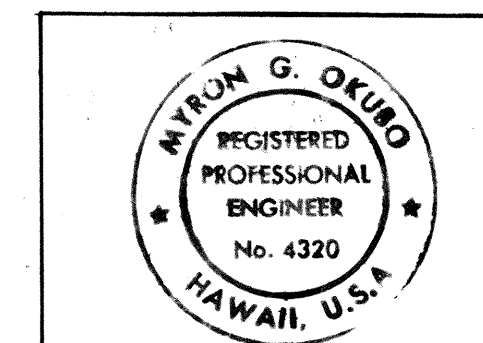
- Notes.
- For Post-tensioning Anchorage at Abutment, see sheet 5-24.
  - Prior to pouring hatched areas, coat all contact surfaces receiving closure concrete with Epoxy Adhesive.



**REINFORCING AT END DIAPHRAGM** (A) 5-9

Scale: 1/2" = 1'-0"

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| DESIGNED BY       | _____ |
| QUANTITIES BY     | _____ |
| CHECKED BY        | _____ |
| NO.               | _____ |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Myron Okubo

Signature

| DATE | REVISION |
|------|----------|
|      |          |
|      |          |
|      |          |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ABUTMENT END DIAPHRAGM ELEVATIONS AND SECTIONS**

HANAMAULU VIADUCT  
HANAMAULU-AHUKINI CUTOFF ROAD  
Ahukini Road to Kauai Hardwoods  
PROJECT NO. F-051-1(8)

SCALE: AS SHOWN DATE: JULY 1985

SHEET NO S-9 OF S-39 SHEETS