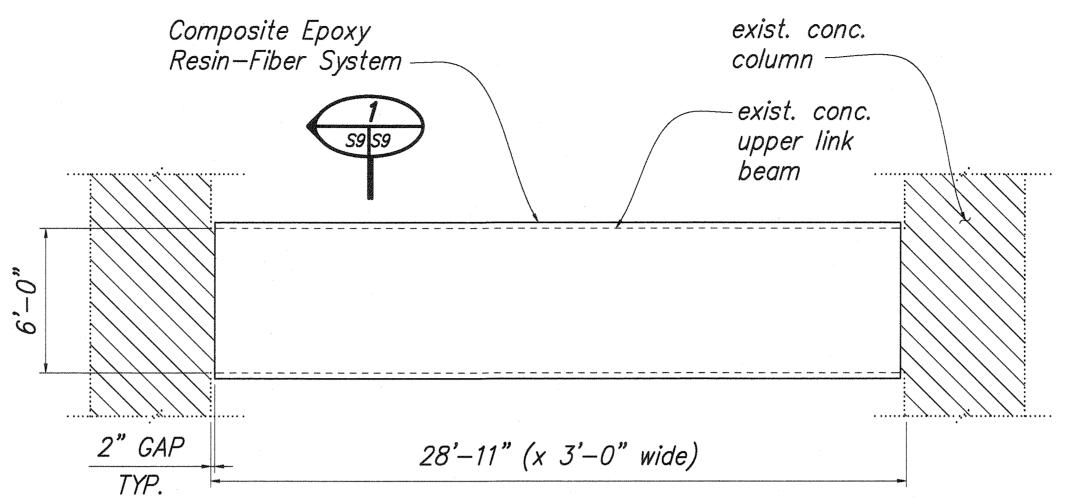


SCALE: 1/4"=1'-0"

KAIWILAHILAHI BRIDGE, PIER NO. 1 AND NO.

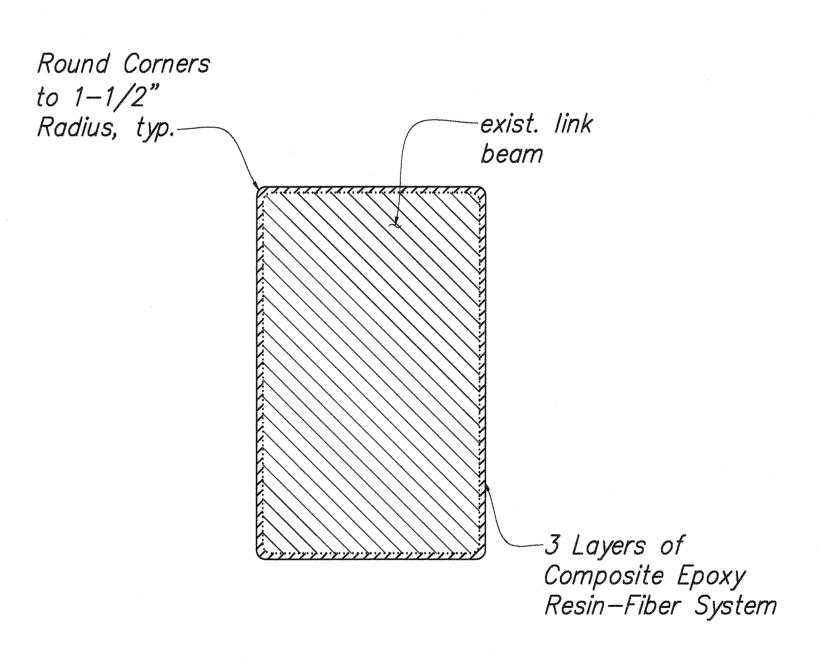
ATE



ELEVATION AT LINK BEAM
KILAU BRIDGE, PIER NO. 1 AND NO. 2

SCALE: 1/4"=1"-0"

S5 S9

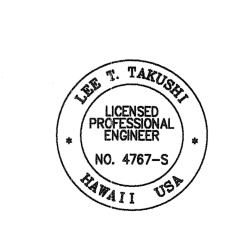


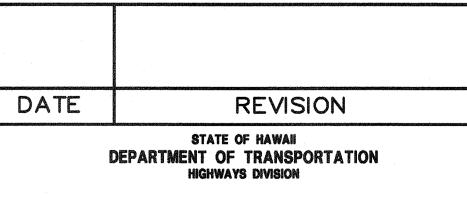
FED. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAW.	BR-019-2(57)	2005	13	13

Composite Epoxy Resin-Fiber System Notes:

- 1. Corners shall be rounded to a 1-1/2" radius and smoothed to a Class 1 surface finish.
- 2. All materials shall be protected from moisture for a minimum of 48 hours after application.
- 3. The composite casing shall adhere firmly to all surfaces of existing link beam.
- 4. All cut edges shall be sealed with epoxy.
- 5. Prepare surface for fiber bonding by sand blasting or grinding to an open roughened texture.
- 6. Surface of Composite Epoxy Resin—Fiber System shall be painted. Color shall match existing concrete.
- 7. Installed System shall have a Minimum Composite Thickness of 0.15"

DETAIL 1 NOT TO SCALE S9 S9





TYPICAL LINK BEAM DETAIL

HAWAII BELT ROAD, SEISMIC RETROFIT OF VARIOUS BRIDGES,

VICINITY OF LAUPAHOEHOE

FEDERAL AID PROJECT NO. BR-019-2(57)

SCALE: AS NOTED

DATE: OCT 2004

SHEET No. S9 OF 9 SHEETS

SIGNATURE EXP. DATE OF THE LICENSE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

SC