

STRUCTURE LOAD RATING
HALEAKALA HIGHWAY BRIDGE

STRUCTURE NO. 8290-001P
 INSPECTION DATE: 6/16/05

| TRUCK TYPE | INVENTORY RATING (NORMAL TRAFFIC) | | OPERATING RATING (MAXIMUM LOAD) | |
|------------|-----------------------------------|-------------|---------------------------------|-------------|
| | TONS | METRIC TONS | TONS | METRIC TONS |
| H | 18 | 16 | 27 | 24 |
| HS | 33 | 30 | 49 | 44 |
| TYPE 3 | 31 | 28 | 45 | 41 |
| TYPE 3S2 | 47 | 43 | 72 | 65 |
| TYPE 3-3 | 55 | 50 | 88 | 80 |

DESIGN LOADING: H15 (M13.5)

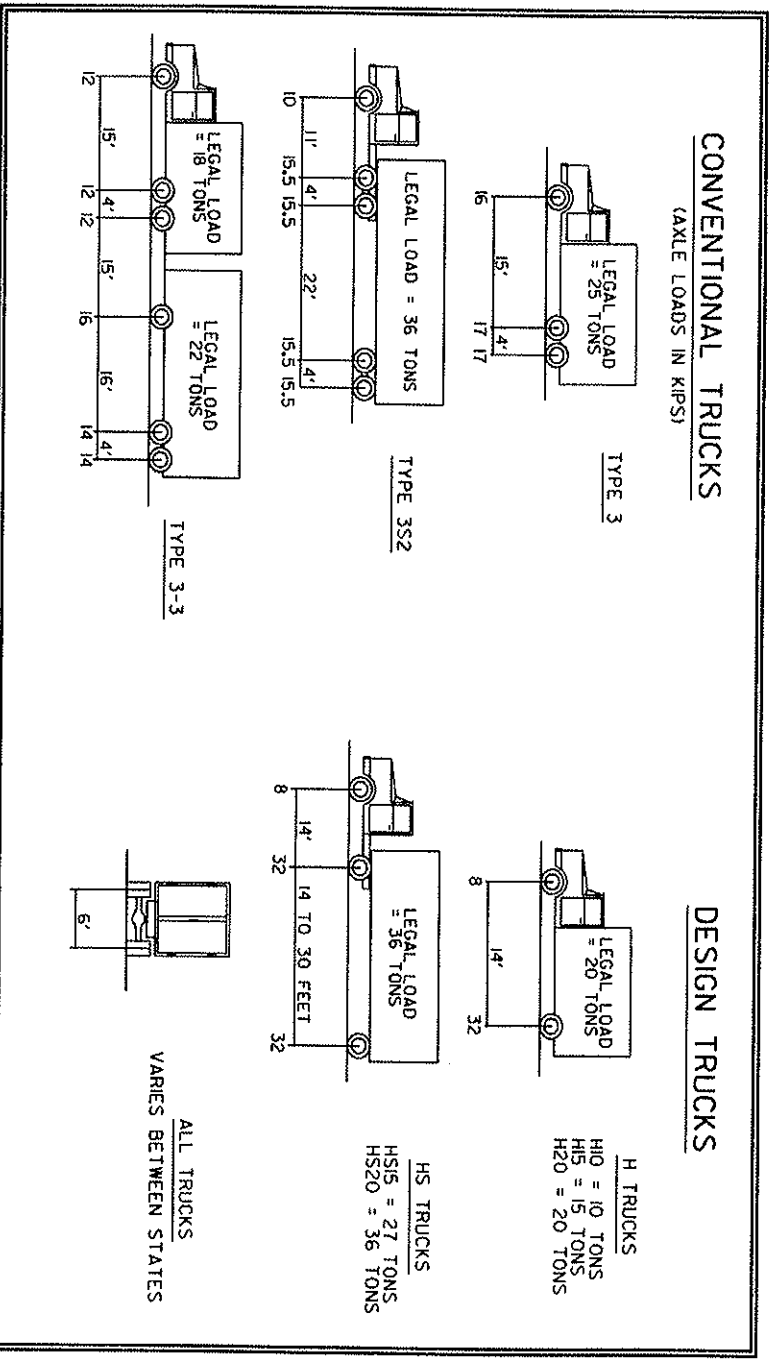
X CAPACITY MEETS OR EXCEEDS DESIGN LOAD
 CAPACITY IS LESS THAN DESIGN LOAD

X ORIGINAL LOAD RATING CALCULATION APPLICABLE
 ORIGINAL LOAD RATING CALCULATION REVISED

DATE OF LOAD RATING CALCULATION: 5/91

LOAD RATING CONTROLLED BY: MOMENT CAPACITY OF BEAMS

REMARKS:



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REMARKS:

CONVENTIONAL TRUCKS

(AXLE LOADS IN KIPS)

LEGAL LOAD = 25 TONS

TYPE 3

LEGAL LOAD = 36 TONS

TYPE 3S2

LEGAL LOAD = 18 TONS

LEGAL LOAD = 22 TONS

TYPE 3-3

LEGAL LOAD = 36 TONS

TYPE 3-3

DESIGN TRUCKS

LEGAL LOAD = 20 TONS

H TRUCKS

H10 = 10 TONS
 H15 = 15 TONS
 H20 = 20 TONS

LEGAL LOAD = 36 TONS

HS TRUCKS

HS15 = 27 TONS
 HS20 = 36 TONS

ALL TRUCKS
 VARIES BETWEEN STATES