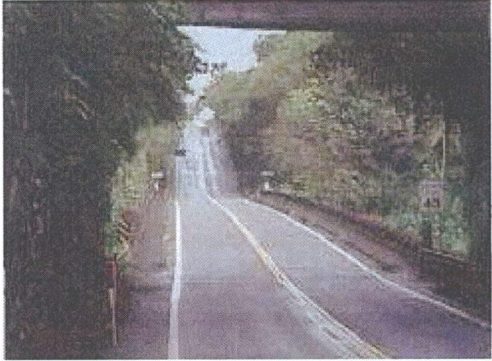


Inventory Form

(State)

General Information

| | | |
|---|---------------------------------|---|
| Bridge Number: 001000190308410 | Route No: 19 |  |
| Popular Name: Hakalau Stream Bridge | | |
| Feature Crossed: Hakalau Stream | | |
| Feature Carried: Hawaii Belt Road | | |
| Milepost: 15.30 mi. | Island: Hawaii | |
| Longitude: 155d-07m-47.40s | Latitude: 19d-53m-57.42s | |
| Location: 1.12 Miles East of Kaunihō Road | | |
| Historic Name: Hakalau Stream Bridge | | |
| Designer/Engineer: John Mason Young (1911) / William R. Bartels (1953) | | |
| Builder/Contractor: W. W. Beers (1911) - Fabricator: Hamilton and Chambers, N.Y. (1911) / Independent Iron Works, Ca. (1953) | | |

Location Map:



001000190308410 Hakalau Stream Bridge

122704

Construction Information

| | | |
|--|--------------------------------|---------------------|
| Bridge Type: Steel Trestle | Construction Date: 1953 | Replaced? No |
| Altered? Yes Alteration Date(s): 1953 | | |
| Alteration Type(s): | | |
| Alteration Description(s): The highway bridge is a reconstructed railroad trestle | | |

Bridge Information

| | | | |
|--|---------------------------|--------------------------------|-----------------------------|
| Number of Spans: 14 | Max Span: 71.9 ft. | Total Length: 774.9 ft. | Deck Width: 38.4 ft. |
| Superstructure: Steel Multi-Girder | | | |
| Substructure: Concrete Abutment Wall and Steel Trestle | | | |
| Floor/Decking: Concrete Deck with AC Overlay | | | |
| Parapets/Railings: Concrete Open Horizontal | | | |
| Setting: | | | |
| Other Features: Concrete end piers with incised bridge name and date of construction (added 1953) | | | |

Historic Association

| | | |
|--|--------------------------|---------------------------------------|
| Eligibility Status: High Preservation Value | Criteria: A, B, C | State/National Registered? Yes |
| Current Function: Bridge | | Historic Function: Bridge |
| Area of Significance: Transportation, Commerce, Engineering | | |
| Narrative Description: See National Register of Historic Places Nomination Form. | | |

Significance Statement:

The use of steel was uncommon in Hawaii due to the extreme marine environment. Since very little steel is used for bridge construction in Hawaii, this bridge is eligible under Criterion C for its distinctive structural type. This bridge is eligible under Criterion C for being the longest steel bridge built post-war (1945) on the island of Hawaii in the historic study period prior to 1969.

See National Register of Historic Places Nomination Form and see Post-War Hawaii Belt Road significance statement.