

ABBREVIATIONS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(26)	2002	3	155

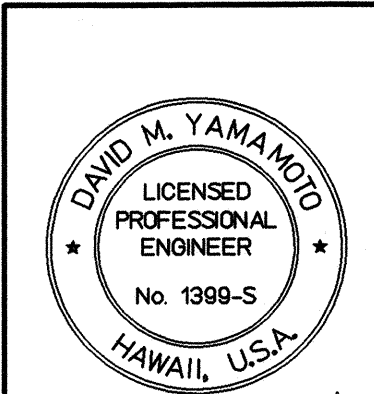
A.C.	Asphalt Concrete
AASHTO	American Association of State Highway Transportation Officials
Abn	Abandon
Abut	Abutment
ADT	Average Daily Traffic
Agg.	Aggregate
Alt.	Alternate
Approx.	Approximate
Beg.	Begin
Bk. F	Back Face
BL	Base Line
Bldg.	Building
BM	Bench Mark
Bot.	Bottom
Brg.	Bearing
BVC	Beginning of Vertical Curve
C	Celcius
C.M.	Cubic Meters
CGL	Grade Control Line
Ch	Chord
CIP	Cast in Place
CJ	Construction Joint
CL	Center Line
Cl.	Class
Clr.	Clear
Concr., Conc.	Concrete
Conn.	Connection
Constr., Const.	Construction
Constr. Easemt.	Construciton Easement
Cont.	Continuous
Coord.	Coordinate
CRM	Cement Rubble Masonry
Culv.	Culvert
D.I.	Drop Intake, Drop Inlet
Det.	Detail
Dia., D	Diameter
Dwg.	Drawing
E	East
E.F.	Each Face
E.P.	Edge of Pavement
E.S.	Edge of Shoulder
E.W.	Each Way
Ea.	Each
Easmt.	Easement
EJ	Expansion Joint
El, Elev.	Elevation
Elec.	Electrical
Emb.	Embankment
Eq.	Equal
EVC	Edge of vertical Curve

Exc.	Excavation
Exist.	Existing
Exp.	Expansion
F	Fahrenheit
F.A.I.	Federal Aid Interstate
FF	Front Face
Fig.	Figure
Fin. Gr.	Finish Grade
Ft	Foot, Feet
Ftg.	Footing
Fut.	Future
Fwy.	Freeway
Ga.	Gauge, Gage
Galv.	Galvanized
GDI	Grated Drop Inlet
Gnd.	Ground
GRP	Grouted Rubble Paving
Haw.	Hawaii
HELCO	Hawaiian Electric & Light Company
Hor., Horiz.	Horizontal
Hwy.	Highway
IB, I.B.	Inbound
In.	Inch
Inv.	Invert
Jt.	Joint
K	Kip
Kcf	Kip per cubic foot
Ksf	Kip per square foot
Ksi	Kip per square inch
KV	Kilovolt
L	Length
Lb.	Pound
Lc	Length of Curve
LEP	Left Edge of Pavement
M.L.	Match Line
Max.	Maximum
MH	Man Hole
Min.	Minimum
MPH	Miles Per Hour
MSL	Mean Sea Level
N	North
NIC	Not in Contract
No.	Number
NTS	Not to Scale
O.C.	On Center
O.D.	Outside Diameter
O/H	Overhead
o/s	Offset
OB, O.B.	Outbound
P.I.	Point of intersecting Tangents
P.I.V.C.	Point of intersection of Vertical curves

P.O.C.	Point of Curve
P/L	Property Line
Pavl.	Pavement
PC, P.C.	Point of Curvature, Precast
PCC, P.C.C.	Point of Compound Curvature
PL	Plate
Proj.	Project
Psi	Pound per square inch
PT, P.T., P. O. T.	Point of Tangency
Pt.	Point
R	Radius
RW	Retaining Wall
R/W	Right of Way
RC	Reinforced Concrete
Rd.	Road
Ref.	Reference
Reinf.	Reinforcement
REP	Right Edge of Pavement
Req., Req'd	Required
Ret.	Retaining
S	South
S.E.	Superelevation
Sect.	Section
Sht.	Sheet
Sp.	Space
Spec.	Specification
Sq.	Square
Sta.	Station
Std.	Standard
SYM.	Symmetrical
T & B	Top and Bottom
Tan, T	Tangent
Temp.	Temporary
Trans.	Transverse
Typ.	Typical
Ug.	Underground
Var.	Variable, Varies
VC	Vertical Currvve
Vert.	Vertical
W	West
%	Percent
@	At

1/users/project/06048_01/g-3

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
No.		



SATO & ASSOCIATES, INC.

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ABBREVIATIONS

KEALAKAHA STREAM BRIDGE REPLACEMENT
FEDERAL AID PROJECT NO. BR-019-2(26)

SCALE: AS NOTED DATE: NOVEMBER 2001
SHEET No. 1 OF 1 SHEET