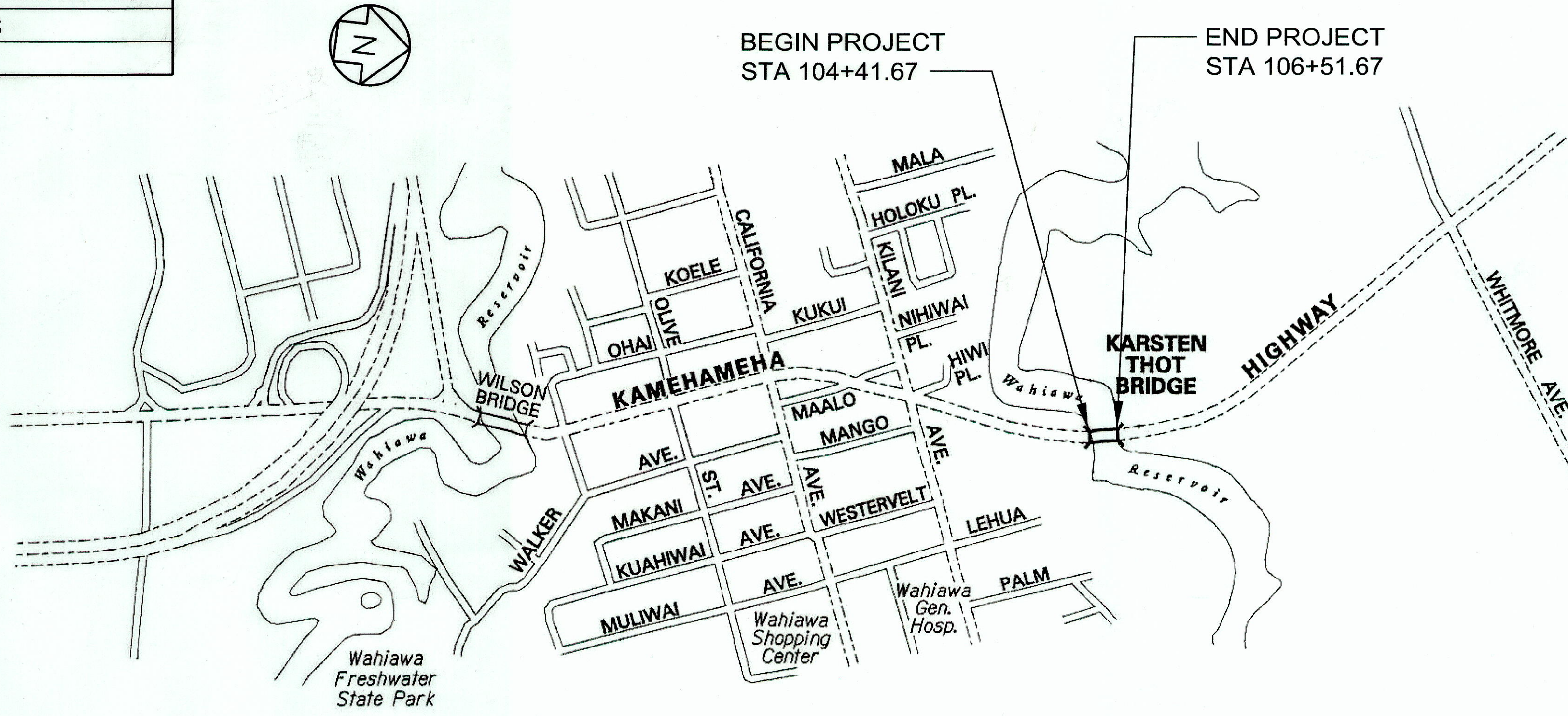
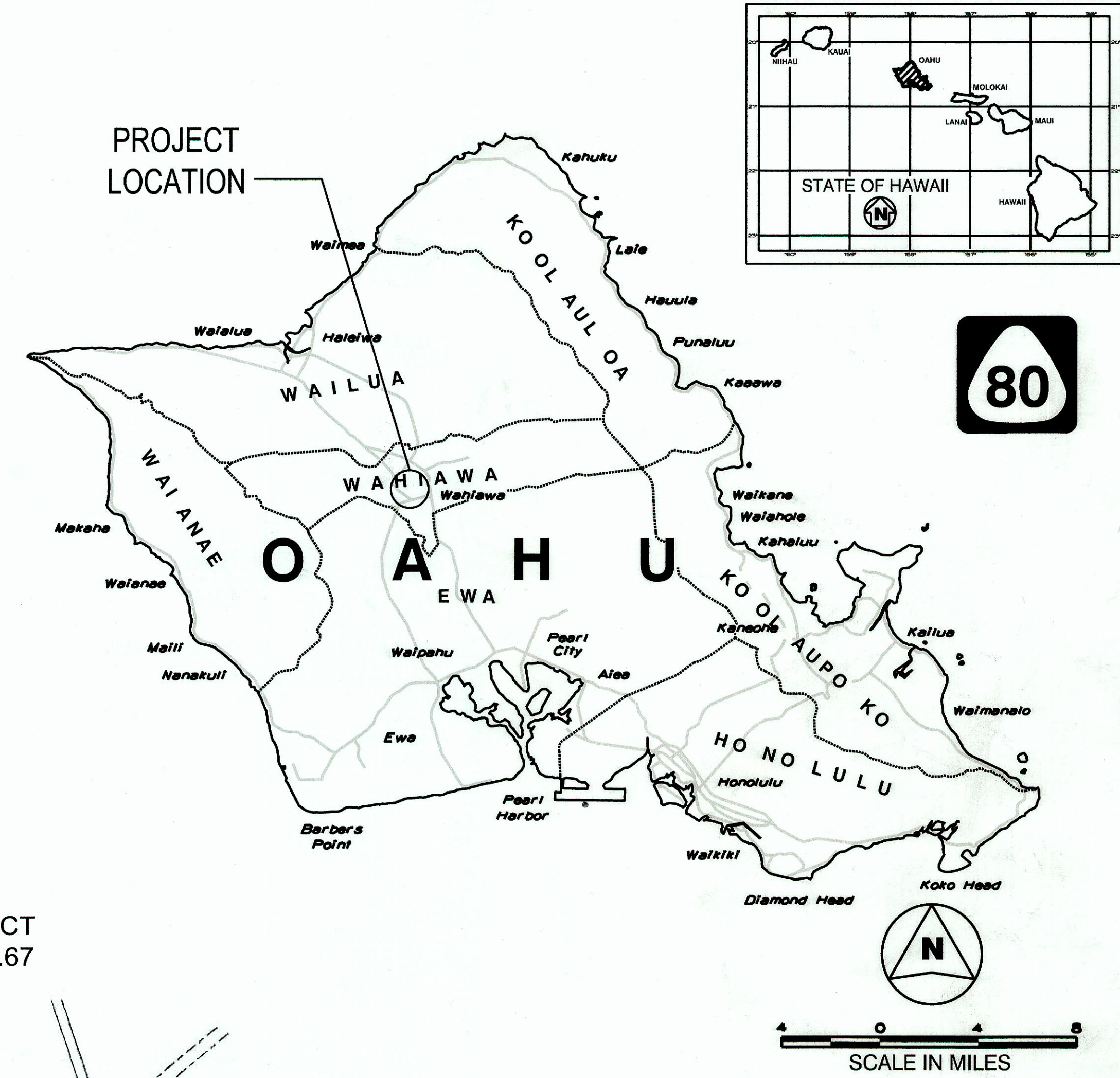


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLANS SUMMARY
3 - 4	GENERAL NOTES
5 - 7	WATER POLLUTION AND EROSION CONTROL NOTES
8	EXISTING BRIDGE PHOTOS
9	TOPOGRAPHIC MAP
10	LOCATION PLAN
11 - 19	TRAFFIC CONTROL AND CIVIL PLANS
20 - 22	STRUCTURAL NOTES
23	ESTIMATED QUANTITIES (STRUCTURAL)
24 - 26	BRIDGE PLAN AND PROFILES
27 - 32	BRIDGE ELEVATIONS AND SECTIONS
33	RIVET REPAIR NOTES AND DETAILS
34 - 39	GUSSET PLATE REPAIR SCHEDULES AND DETAILS
40 - 47	TOP AND BOTTOM CHORD REPAIR SCHEDULE
48 - 53	WEB MEMBER REPAIR SCHEDULES
54 - 56	TRUSS GUARDRAIL AND TOP CHORD BRACING SCHEDULE
57 - 61	STEEL MEMBER REPAIR DETAILS
62 - 69	BELOW DECK STEEL MEMBER REPAIR SCHEDULES
70 - 71	ADDITIONAL STEEL MEMBER REPAIR DETAILS
72 - 79	CONCRETE REPAIR SCHEDULE AND DETAILS
80 - 81	RAILING REPAIRS AND DETAILS
82	PAINTING NOTES

FED. ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-080-1(012)	2014	1	82

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
HONOLULU, HAWAII  
**"AS-BUILT"**  
PLANS FOR  
**KAMEHAMEHA HIGHWAY**  
REPAIR AND REPAINT KARSTEN THOT BRIDGE  
**FEDERAL AID PROJECT NO. BR-080-1(012)**  
DISTRICT OF WAHIAWA  
ISLAND OF OAHU



DESIGNED BY  
NAGAMINE OKAWA ENGINEERS INC.  
MANAGED BY  
HWY-DD  
PHONE  
692-7570  
DATE  
SEPTEMBER 2014

**LAYOUT PLAN**  
NOT TO SCALE

LENGTH OF PROJECT. . . . . 0.04 MILES

CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LEDGER AND/OR COMPUTATION BOOK.

RESIDENT ENGINEER *[Signature]* DATE 9/20/18

**DESIGN DESIGNATION**

ADT (2014)	.....25,800
ADT (2024)	.....29,700
DHV	.....2,230
D	.....55/55
T <sub>DES</sub>	.....4.0%
T <sub>24</sub>	.....4.5%
V	.....35 M.P.H.

DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII

APPROVED:  
*[Signature]* 9/22/14  
FOR DIR. OF TRANSPORTATION DATE