

TYPE OF CONSTRUCTION :
GRADING, DRAINAGE, AND HOT ASPHALTIC CONCRETE PAVEMENT

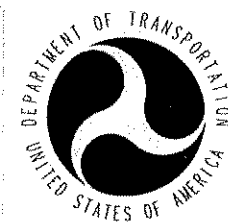
DESIGN DATA:
ADT (2005) 900
ADT (2025) 10,530
DHV 910
D 65/35
T 5.0%
V 60 MPH
e_{max} 8%

SPECIFICATIONS:
STANDARD SPECIFICATIONS FOR CONSTRUCTION
OF ROADS AND BRIDGES ON FEDERAL HIGHWAY
PROJECTS, FP-96 - ENGLISH UNITS
FHWA PROJECT MANAGER: DAVE GEDEON

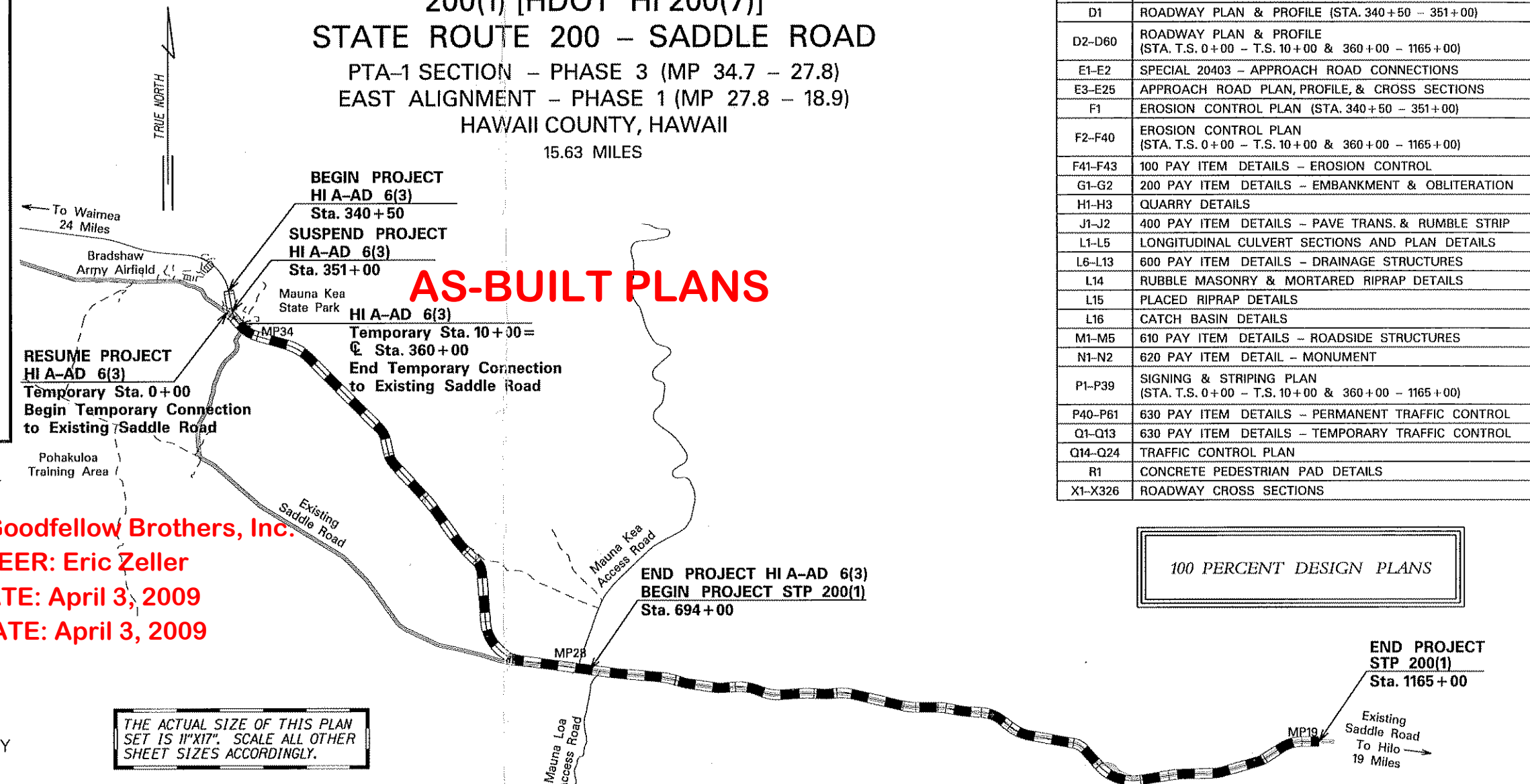
PLANS PREPARED FOR:
U.S. Department of Transportation
Federal Highway Administration
Central Federal Lands Highway Division
Denver, Colorado

PLANS PREPARED BY
Okahara & Associates Inc.
200 KOHOLA STREET
HILO, HAWAII 96720

UNITED STATES DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION



PLANS FOR PROPOSED PROJECT HI A-AD/STP 6(3) & 200(1) [HDOT HI 200(7)] STATE ROUTE 200 - SADDLE ROAD PTA-1 SECTION - PHASE 3 (MP 34.7 - 27.8) EAST ALIGNMENT - PHASE 1 (MP 27.8 - 18.9) HAWAII COUNTY, HAWAII 15.63 MILES



THE ACTUAL SIZE OF THIS PLAN
SET IS 11"x17". SCALE ALL OTHER
SHEET SIZES ACCORDINGLY.

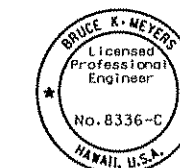


LEGEND - TYPE IMPROVEMENT					
GRADED	REINFORCED SUBGRADE	BASE COURSE	SURFACE TREATMENT	ROAD OR PLANT BITUMINOUS MIX	PORTLAND CEMENT CONCRETE

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) # 200(1)	A1	615

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2-A3	PLAN ABBREVIATIONS & SYMBOLS
A4	SURVEY CONTROL INFORMATION SHEET
B1	OVERALL SITE PLAN
B2-B8	TYPICAL SECTIONS & ROADWAY DETAILS
B9-B18	SUPERELEVATION DIAGRAMS
C1-C3	SUMMARY OF QUANTITIES
C4-C10	GRADING SUMMARY, MASS HAUL DIAGRAM & GRADING DET.
C11-C13	SURFACING SUMMARY
C14-C19	PERMANENT SIGN & STRIPING SUMMARY
C20-C23	MISCELLANEOUS SUMMARIES
D1	ROADWAY PLAN & PROFILE (STA. 340+50 - 351+00)
D2-D60	ROADWAY PLAN & PROFILE (STA. T.S. 0+00 - T.S. 10+00 & 360+00 - 1165+00)
E1-E2	SPECIAL 20403 - APPROACH ROAD CONNECTIONS
E3-E25	APPROACH ROAD PLAN, PROFILE, & CROSS SECTIONS
F1	EROSION CONTROL PLAN (STA. 340+50 - 351+00)
F2-F40	EROSION CONTROL PLAN (STA. T.S. 0+00 - T.S. 10+00 & 360+00 - 1165+00)
F41-F43	100 PAY ITEM DETAILS - EROSION CONTROL
G1-G2	200 PAY ITEM DETAILS - EMBANKMENT & OBLITERATION
H1-H3	QUARRY DETAILS
J1-J2	400 PAY ITEM DETAILS - PAVE TRANS. & RUMBLE STRIP
L1-L5	LONGITUDINAL CULVERT SECTIONS AND PLAN DETAILS
L6-L13	600 PAY ITEM DETAILS - DRAINAGE STRUCTURES
L14	RUBBLE MASONRY & MORTARED RIPRAP DETAILS
L15	PLACED RIPRAP DETAILS
L16	CATCH BASIN DETAILS
M1-M5	610 PAY ITEM DETAILS - ROADSIDE STRUCTURES
N1-N2	620 PAY ITEM DETAIL - MONUMENT
P1-P39	SIGNING & STRIPING PLAN (STA. T.S. 0+00 - T.S. 10+00 & 360+00 - 1165+00)
P40-P61	630 PAY ITEM DETAILS - PERMANENT TRAFFIC CONTROL
Q1-Q13	630 PAY ITEM DETAILS - TEMPORARY TRAFFIC CONTROL
Q14-Q24	TRAFFIC CONTROL PLAN
R1	CONCRETE PEDESTRIAN PAD DETAILS
X1-X326	ROADWAY CROSS SECTIONS

100 PERCENT DESIGN PLANS



APPROVED: *[Signature]* DATE 12/8/05
DIRECTOR, HAWAII DEPARTMENT OF TRANSPORTATION

[Signature] DATE 1/5/06
DIVISION ENGINEER, CENTRAL FEDERAL LANDS HIGHWAY DIVISION

The work was prepared by me
or under my supervision and
construction of this project will
be under my observation.
Expiration Date of License 3/31/06