

# U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

**AS BUILT**

PLANS FOR PROPOSED

**HI HP & TI 200 (2) HI SR 200(4)**

**As built SOQ's** →

## SADDLE ROAD NENE MITIGATION & INTERPRETIVE SIGNAGE

MILEPOST ~~34~~ <sup>29</sup> TO <sup>30</sup> ~~19~~  
HAWAII COUNTY

TYPE OF CONSTRUCTION:  
Grading, Hot Asphaltic Concrete Pavement,  
Portland Cement Concrete Pavement, and Metal Fencing

U.S. CUSTOMARY DIMENSIONS:  
Slopes are expressed as RISE:RUN

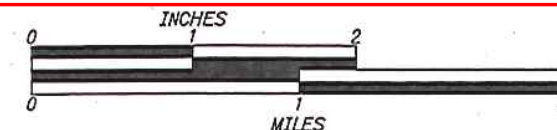
SPECIFICATIONS:  
"STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS  
AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, FP-03,  
U.S. CUSTOMARY UNITS"



~~70% DESIGN PLANS~~  
~~MARCH 10, 2011~~

CALL BEFORE YOU DIG:  
Hawaii One-Call  
1-866-423-7287

THE ACTUAL SIZE OF THIS PLAN  
SET IS 11"X17". SCALE ALL OTHER  
SHEET SIZES ACCORDINGLY.



**Contractor: Road & Highway Builders**  
**Project Engineer: Mark Lloyd**  
**Completed: January 24, 2012..."All work  
constructed as designed unless noted."**



APPROVED:

DIRECTOR, HAWAII DEPARTMENT OF TRANSPORTATION

DIVISION ENGINEER, CENTRAL FEDERAL LANDS HIGHWAY DIVISION

DATE: \_\_\_\_\_

DATE: Nov 2, 2011

INDEX TO SHEETS	
SHEET	DESCRIPTION
A1	TITLE SHEET
A2-A3	PLAN ABBREVIATIONS & SYMBOLS
B1	OVERALL SITE PLAN
B2	NENE MITIGATION TYPICAL SECTION, <del>INTERPRETIVE SIGN DETAILS,</del>
B3	<del>SURVEY CONTROL INFORMATION</del>
B4	PAVEMENT TRANSITION & CONNECTION DETAILS
C1	SUMMARY OF QUANTITIES
C2	TABULATION OF QUANTITIES
D1	NENE MITIGATION PLAN - STA. 568+00 TO 592+00
D2	NENE MITIGATION PLAN - STA. 592+00 TO 620+00
D3	NENE MITIGATION PLAN - STA. 620+00 TO 630+50 & SILT FENCE DETAILS
E1-E6	<del>INTERPRETIVE SIGN PLAN</del>
F1	<del>INTERPRETIVE SIGN INSTALLATION DETAILS</del>
G1	<del>SILT FENCE DETAILS</del>

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

A1



# U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION



## PLANS FOR PROPOSED HI HP & TI 200(2) SADDLE ROAD - EAST SIDE

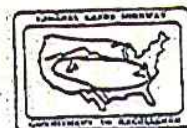
MILEPOST 19 TO 11  
HAWAII COUNTY  
SCHEDULE A LENGTH 3.33 miles  
SCHEDULE B LENGTH 5.70 miles  
SCHEDULE C LENGTH 7.46 miles  
OPTION X LENGTH 3.16 miles  
OPTION Y LENGTH 2.33 miles  
OPTION Z LENGTH 1.80 miles

TYPE OF CONSTRUCTION:  
Grading, Drainage, and Hot Asphaltic Concrete Pavement

DESIGN DESIGNATIONS:  
ADT (2009) 3,600  
ADT (2031) 8,100  
DMV 910  
D 65%  
T 5.0%  
V 60 mph  
e(max) 8%

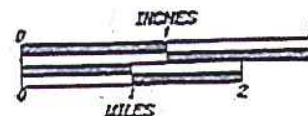
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STATE	ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI HP & TI 200(2)	A1	353

SHEET	DESCRIPTION
A1	TITLE SHEET
A2-A3	PLAN ABBREVIATIONS & SYMBOLS
A4	SURVEY CONTROL INFORMATION SHEET
B1	OVERALL SITE PLAN
B2-B4	TYPICAL SECTIONS & ROADWAY DETAILS
B5-B14	SUPERELEVATION DIAGRAMS
C1-C9	SUMMARY OF QUANTITIES
C10-C13	GRADING SUMMARIES
C14-C16	MASS HAUL DIAGRAMS
C17	GRADING SUMMARY DETAIL
C18-C19	SURFACING SUMMARY
C20-C21	PERMANENT SIGN & PAVEMENT MARKINGS SUMMARY
C22-C24	MISCELLANEOUS SUMMARIES
D1-D31	ROADWAY PLAN & PROFILE - STA. 1160+00 TO 1554+00
E1-E2	SPECIAL 20403 - APPROACH ROAD CONNECTIONS
E3-E20	ACCESS ROAD PLAN, PROFILE, CROSS-SECTIONS
F1-F10	EROSION CONTROL PLANS - STA. 1160+00 TO 1554+00
F20-F21	100 PAY ITEM DETAILS - EROSION CONTROL
G1-G2	200 PAY ITEM DETAILS - EMBANKMENT & OBLITERATION
H1-H2	PTA QUARRY SITE AND DETAILS
J1-J2	400 PAY ITEM DETAILS - PAVE TRANS. & RUMBLE STRIP
L1-L7	LONGITUDINAL CULVERT SECTIONS AND PLAN DETAILS
U8-U15	600 PAY ITEM DETAILS - DRAINAGE DETAILS
M1-M3	610 PAY ITEM DETAILS - ROADSIDE STRUCTURES
N1	620 PAY ITEM DETAILS - MONUMENT
P1-P19	SIGNING & STRIPING PLANS - STA. 1160+00 TO 1554+00
P20-P25	630 PAY ITEM DETAILS - PERMANENT TRAFFIC CONTROL
Q1-Q13	630 PAY ITEM DETAILS - TEMPORARY TRAFFIC CONTROL
Q14-Q18	TEMP TRAFFIC CONTROL PLANS - STA. 1160+00 TO 1554+00
Q19	END OF PROJECT TRAFFIC CONTROL
X1-X175	ROADWAY CROSS SECTIONS

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FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION  
DENVER, COLORADO

PLANS PREPARED BY

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Associates Inc.**  
200 KOHOLA STREET  
HILO, HAWAII 96720

APPROVED:



*[Signature]*  
DIRECTOR, HAWAII DEPARTMENT OF TRANSPORTATION

DATE 6-3-09

*[Signature]*  
DIVISION ENGINEER, CENTRAL FEDERAL LANDS HIGHWAY DIVISION

DATE 10 June 2009

A1