STANDARD PLANS

07/01/86

07/01/86

07/01/86

r10/16/90

r10/16/90

SUMMARY

STANDARD

PLAN NO.

Reserved

Reserved

Reserved

Reserved

Reserved

Metal Guardrail

Metal Guardrail

Metal Guardrail with Rubrail

Concrete Barrier Transition

Anchor Block Details

Guardrail Type 3, Thrie Beam

Breakaway Cable Terminal (BCT)

Breakaway Cable Terminal (BCT)

Guardrail Type 4 (Rigid Barrier)

Guardrail Type 4, Miscellaneous

Portable Concrete Barrier

Barricades

Wheelchair Ramps

Wheelchair Ramps

Guardrail Type 3, Modified Thrie Beam

Metal Guardrail with Rubrail at Obstruction

Metal Guardrail Connection to Concrete Barrier

Approach End Flare, One & Two Way Roadway

Trailing End Flare, One & Two Way Roadway

Delineation & Pavement Markings at Bridges

TE-45

TE-46

TE-47

TE-48

TE-49

TE-51

TE-57

TE-57A

TE-58

TE-60

TE-61

TE-62

TE-63

TE-64

TE-66

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-96	1997	2	19

DATE

07/01/86

07/01/86

07/01/86

07/01/86

07/01/86

r03/06/87

r09/01/87

r11/03/89

r09/01/87

r11/03/89

r11/03/89

07/01/86

r11/03/89

11/03/89

07/01/86

r11/03/89

07/01/86

r11/03/89

r09/01/87

r09/01/87

r11/03/89

r09/01/87

07/01/86

07/01/86

r07/18/94

r07/18/94

TITLE

Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)

STANDARD	TITLE	DATE
PLAN NO.		DATE
B-01	Notes and Miscellaneous Details	07/01/8
B-02	· ·	
B-03	Typical Structure Excavation and Backfill Pay Limits	07/01/8
B-04		
B-05		
B-06	Concrete Box Girder	07/01/8
B-07	Concrete Box Girder	07/01/8
B-08	Concrete Box Girder	07/01/8
B-09		
B-10		
B-11		
B-12	Prestressed Concrete Piles	r07/16/9
B-13	Prestressed Concrete Piles	r07/16/9
	· · · · · · · · · · · · · · · · · · ·	
		_
D-01	Chain Link Fence With Toprail	r03/06/8
D-02	Chain Link Fence Without Toprail	r07/26/9
D-03	Wire Fence With Metal Posts	07/01/8
D-04 ●	Typical Details of Curbs and/or Gutters	07/01/8

Typical Details of Reinforced Concrete Drop Driveway

Centerline and Reference Survey Monument

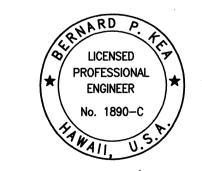
C.M.P. Coupling Details Standard Joint

Hat Shaped Coupling Band

Street Survey Monument

	,	-, / - , / - ,
D-08	Landscaping Shrub and Tree Planting	07/01/86
D-09	Field Office	07/01/86
D-10	Field Office	07/01/86
D-11	Project Site Laboratory	07/01/86
D-12	Project Site Laboratory	07/01/86
D-13	Field Office & Project Site Laboratory	07/01/86
		, .
		,
H-01	Type A, B, C and D Catch Basin	07/01/86
H-02	Type A1, B1, C1 and D1 Catch Basin	07/01/86
H-03	Type A2, B2, C2 and D2 Catch Basin	07/01/86
H-04	Typical Reinforcing Details for Catch Basins	07/01/86
H-05	Type A, B and C Storm Drain Manhole	07/01/86
H-06	Type D and E Storm Drain Manhole	07/01/86
H-07	Type F Storm Drain Manhole	07/01/86
H-08	Catch Basin and Manhole Casting	07/01/86
H-09	Type A—9 and A—9P Frames and Grates	07/01/86
H-10	Type A—9B Frames and Grates	07/01/86
H-11	Type 61614 and 61214 Grated Drop Inlet	07/01/86
H-12	Type 61616 Grated Drop Inlet	07/01/86
H-13	61214, 61614 & 61616 Steel Frames and Grates	07/01/86
H-14	61214B Steel Frame and Grates	07/01/86
H-15	61614B Steel Frame and Grates	07/01/86
H-16	Concrete and Cement Rubble Masonry Structures	r10/16/90
H-17	Inlet Structures	r10/16/90
H-18	Flared End Section for Culverts	07/01/86
H-19	Outlet Structures	r02/15/91
H-20	Concrete Spillway Inlet	07/01/86
H-21	18" Slotted C.M.P. Drain	07/01/86
		T

STANDARD PLAN NO.	TITLE	DATE
TE-01 ●	Miscellaneous Sign Details	07/01/86
TE-02 ●	Galvanized Flanged Channel Sign Post Mounting	07/01/86
TE-03 ●	Galvanized Square Tube Sign Post Mounting	07/01/86
TE-04 ●	Regulatory Signs	r09/01/87
TE-05 ●	Warning Signs	07/01/86
TE-06 ●	Miscellaneous Signs	r11/03/89
TE-07 ●	Reserved	07/01/86
TE-08 ●	Construction Signs	r09/01/87
TE-09 ●	Miscellaneous Intersection Signs	r03/06/87
TE-10	Reserved	07/01/86
TE-11	Bike Route Sign and Supplementary Plates	07/01/86
TE-12	State Route Marker and Auxiliary Markers	07/01/86
TE-13	Interstate Route Marker	07/01/86
TE-14	State Route Marker and Border Detail for Guide Signs	.07/01/86
TE-15	Route Marker Assemblies	07/01/86
TE-16	Miscellaneous Reflector Markers	07/01/86
TE-17	Type II Object Markers	07/01/86
TE-18	Mileposts	07/01/86
TE-19	Reserved	07/01/86
TE-20	Overhead Sign Supports	07/01/86
TE-21	Overhead Sign Support, Box Truss Type, Aluminum	07/01/86
TE-22	Foundation Details and Schedules	07/01/86
TE-23	Supports for Ground Mounted Guide Sign	r11/03/89
TE-24	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/86
TE-25	Laminated Aluminum Sign Panels (Overhead)	07/01/86
TE-26	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/86
TE-27	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/86
TE-28	Guide Signs Luminaire Mountings	07/01/86
TE-29	Reserved	07/01/86
TE-30 ●	Raised Pavement Markers and Striping	r05/09/90
TE-31 ●	Miscellaneous Pavement Markings	r05/09/90
TE-32	Miscellaneous Pavement Markings	r05/09/90
TE-33	Miscellaneous Pavement Markings	r11/03/89
TE-34	Reserved	07/01/86
TE-35	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-36	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-37	Reserved	07/01/86
TE-38	Traffic Signal System, Miscellaneous Details	r11/03/89
TE-39	Traffic Signal System, Miscellaneous Details	07/01/86
TE-40	Loop Detectors	r11/03/89
TE-41	Pullboxes	07/01/86
TE-42	Type III Traffic Signal Standard	07/01/86
TE-43	Concrete Pullbox (2' x 3')	07/01/86
TE-44	Reserved	07/01/86



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

RWARD A.	
LICENSED PROFESSIONAL ENGINEER	
No. 1890-C	

02/15/91 | REVISED H-19 10/16/90 | REVISED H-16,H-17, H-22 & H-23 07/26/90 | REVISED D-02 07/16/90 | REVISED B-12,B-13 05/09/90 | REVISED TE-30,TE-31 & TE-32 11/03/89 | REVISED TE-06,TE-23, TE-30, TE-31, TE-32, TE-33, TE-38, TE-40, TE-52 TE-54, TE-55, TE-57, TE-59, TE-61, TE-64, TE-68 & TE-69, ADDED TE-57A 09/01/87 | REVISED TE-04,TE-06, TE-08, TE-32, TE-51, TE-53, TE-54, TE-55, TE-57 TE-59, TE-62, TE-63, TE-65 & TE-69 03/06/87 | REVISED D-01, TE-09, TE-40, TE-50, TE-51, TE-57, TE-59, TE-61, TE-63 & TE-64

REVISION

07/18/94 | REVISED TE-68 & TE-69

DATE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION STANDARD PLANS SUMMARY

(FOR EXAMPLE: $D-07 \bullet$)

NOTE:

LIKELIKE HIGHWAY INTERS. IMPROVEMENTS AT ALU STREET

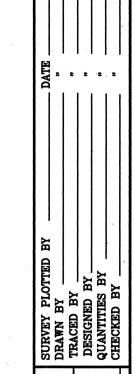
STANDARD PLANS APPLICABLE TO THIS

PROJECT ARE INDICATED BY A "

NEXT TO THE STANDARD PLAN NO.

PROJECT NO. 63A-02-96

DATE: FEB. 1997 SHEET No. OF SHEETS



<u>Color</u> <u>Pen</u> 1,7 1 2 2

252 8 *254 7*

'lot Scale: 1=1

'lot Size: 36 x 24

D - 05

D-06

D - 07

H - 22

H - 23