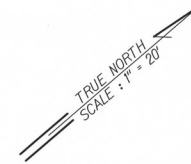
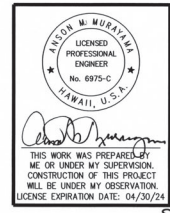
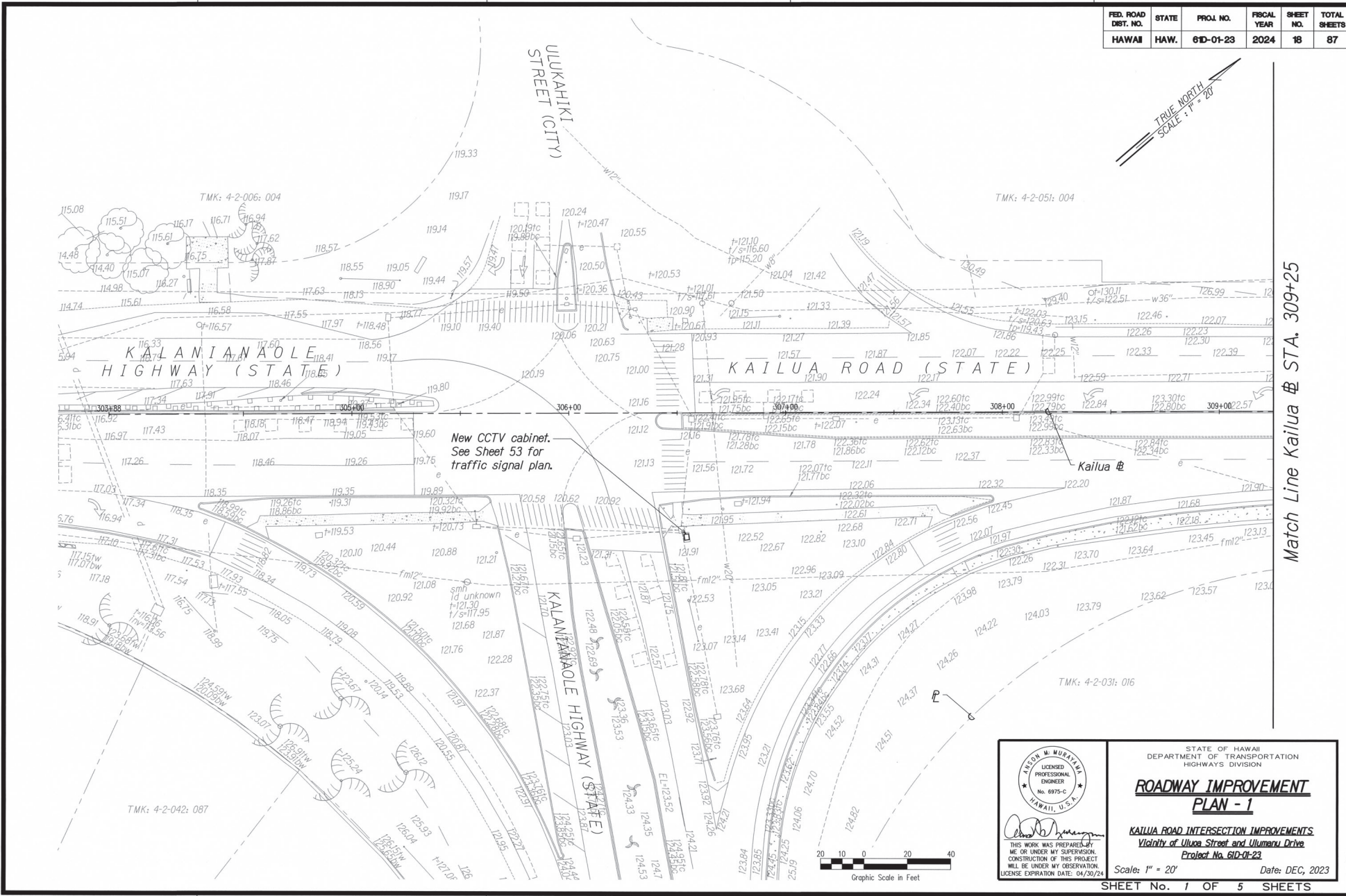


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61D-01-23	2024	18	87



Match Line Kailua @ STA. 309+25

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	



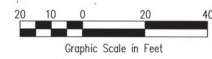
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY IMPROVEMENT
PLAN - 1**

KAILUA ROAD INTERSECTION IMPROVEMENTS
Vicinity of Ulukahi Street and Ulukahi Drive
Project No. 61D-01-23

Scale: 1" = 20' Date: DEC, 2023

SHEET No. 1 OF 5 SHEETS

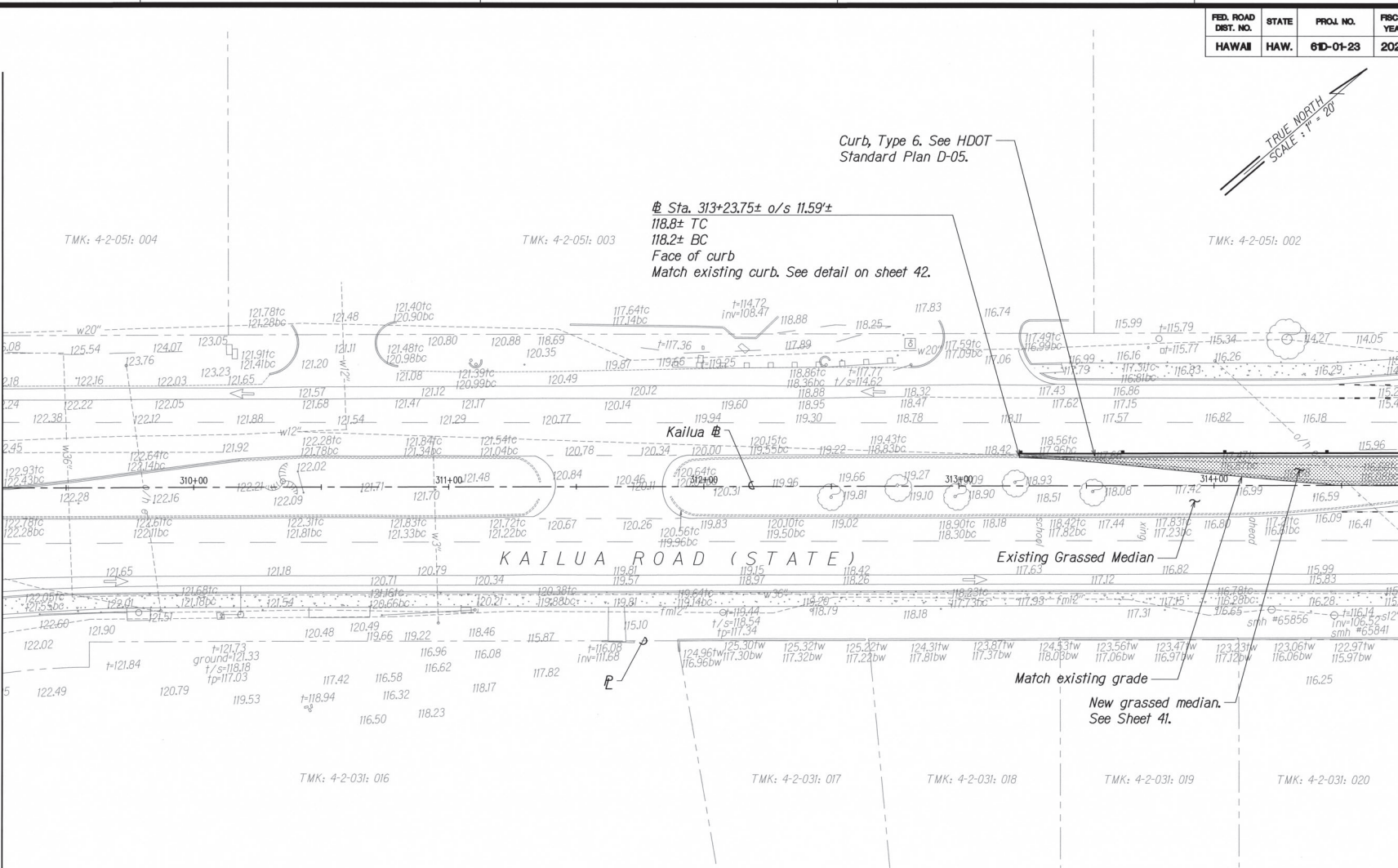


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61D-01-23	2024	19	87



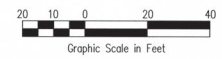
Match Line Kailua @ STA. 309+25

Match Line Kailua @ STA. 314+75



LEGEND

- New concrete
- New grassed area



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. LICENSE EXPIRATION DATE: 04/30/24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY IMPROVEMENT
PLAN - 2**

KAILUA ROAD INTERSECTION IMPROVEMENTS
Vicinity of Ulukou Street and Ulumenu Drive
Project No. 61D-01-23

Scale: 1" = 20' Date: DEC, 2023

P:\Land Projects\DOT DDC - 2023\Traffic Operations Task\PAO 2 Kailua Trnsig PSD\Drawings\19-22 Roadway Improvement Plans.dwg, 12/6/2023 9:25:30 AM

ORIGINAL	CHECKED	DATE
DESIGNED BY	BY	
DRAWN BY	BY	
NOTED BY	BY	
CHECKED BY	BY	

CURVE DATA				
CURVE	①	②	③	④
Δ	2°27'44"	159°50'09"	14°32'13"	13°41'00"
$\Delta/2$	10°43'52"	79°55'04.5"	07°16'06.5"	06°50'30"
R	80'	2.5'	150'	300'
T	15.2'	14.1'	21.1'	36'
Ch	29.8'	4.9'	38'	71.5'
L	30'	6.9'	36'	71.6'

TMK: 4-2-051: 001

APPROVED:

CHEF, CIVIL ENGINEERING BRANCH, S.P.P.
(FOR CONSTRUCTION IN CITY AND COUNTRY)

DATE:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

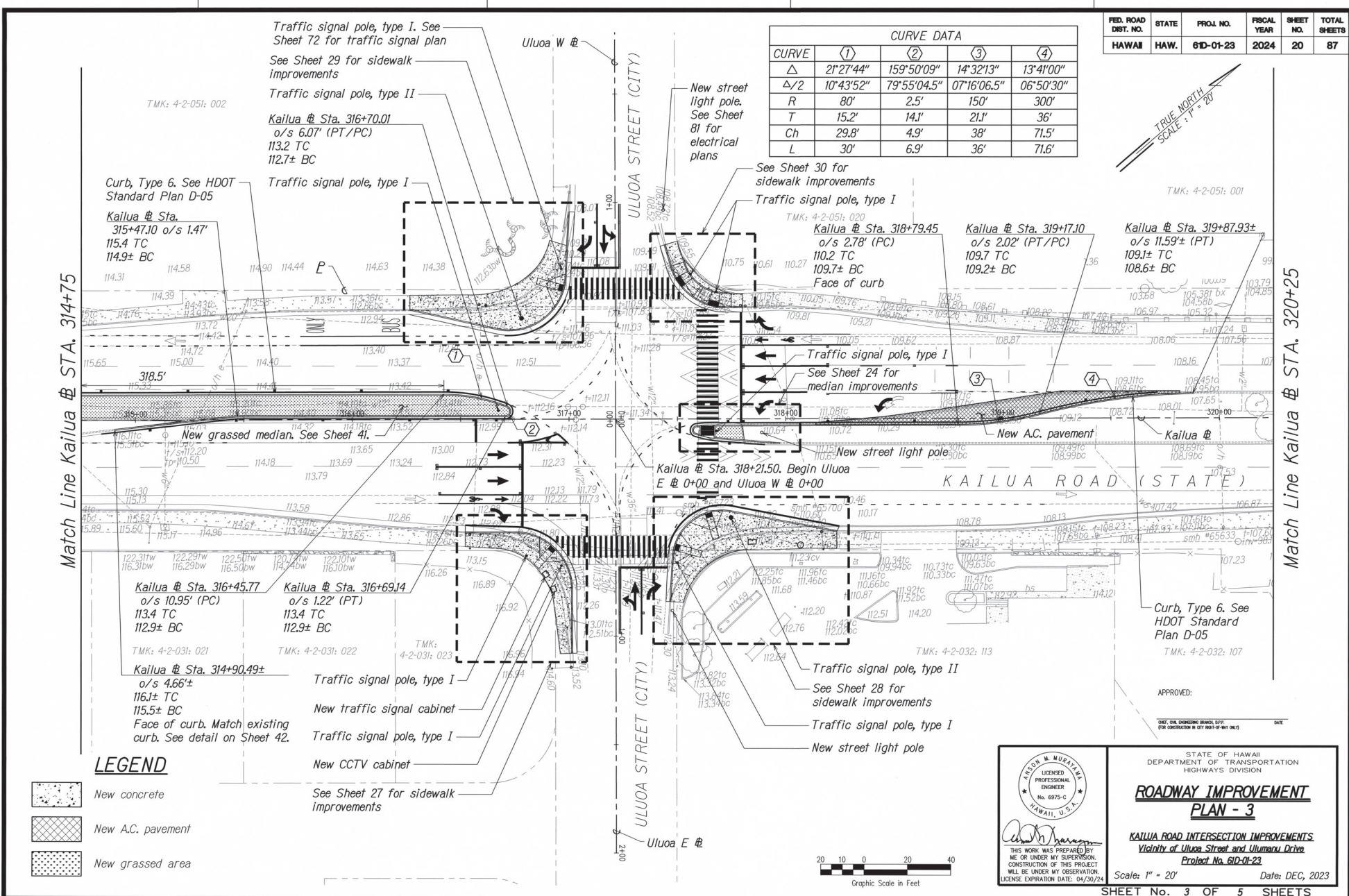
ROADWAY IMPROVEMENT
PLAN - 3

KAILUA ROAD INTERSECTION IMPROVEMENTS
Vicinity of Ulukou Street and Uluamunu Drive
Project No. 61D-01-23

Scale: 1" = 20' Date: DEC, 2023

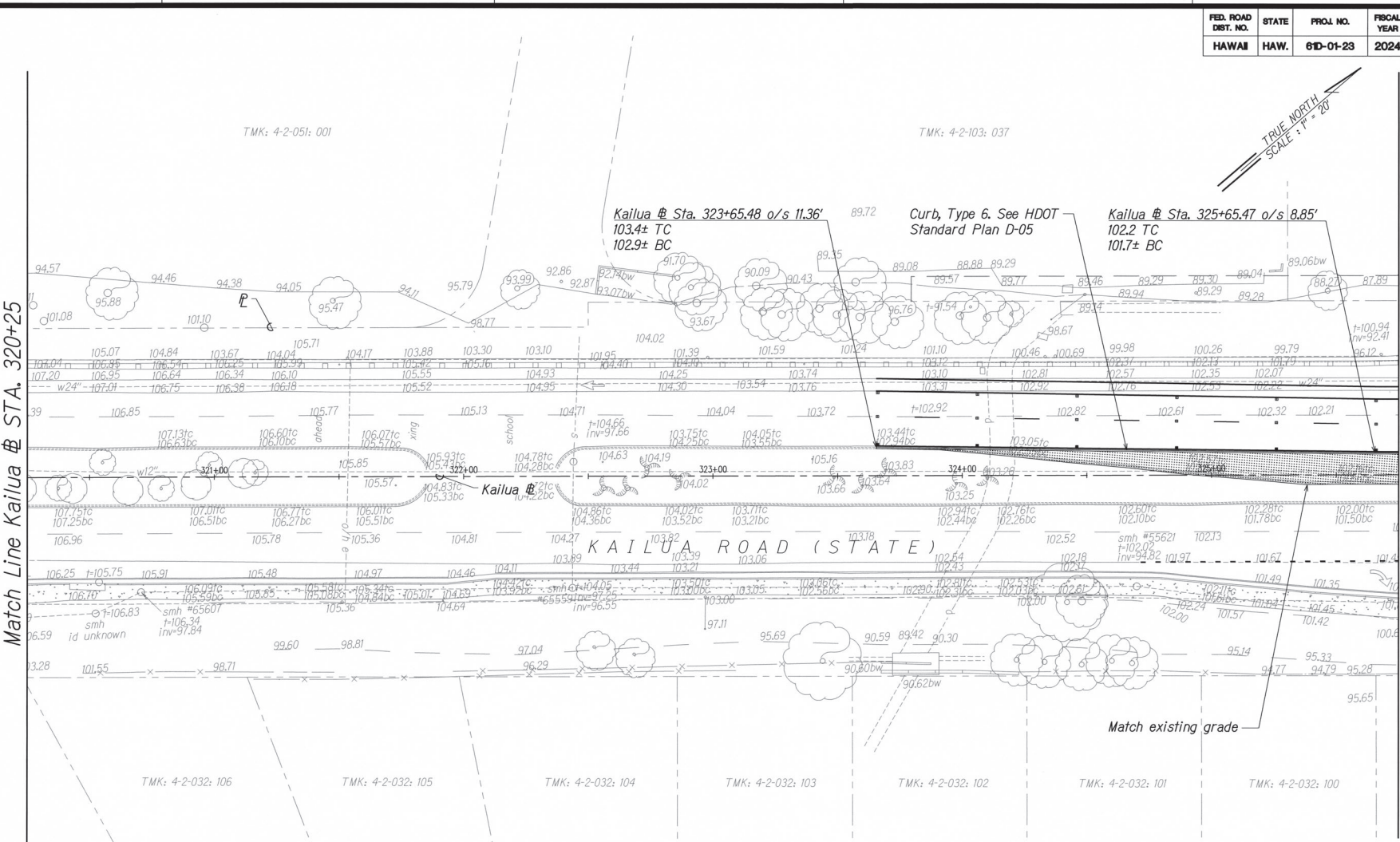
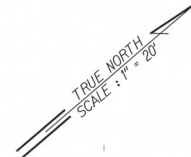
Scale: 1" = 20' Date: DEC, 2023

20



P:\Land Projects\DOT IDIQ - 2022\Traffic Operations Task\PAO 2 Kallua TrafSig PSE\Drawings\18-22 Roadway Improvement Plans.dwg, 12/6/2023 9:26:32 AM

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61D-01-23	2024	21	87



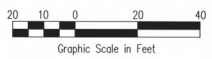
Match Line Kailua @ STA. 320+25

Match Line Kailua @ STA. 325+75

LEGEND

New concrete

New grassed area



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. LICENSE EXPIRATION DATE: 04/30/24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY IMPROVEMENT
PLAN - 4**

KAILUA ROAD INTERSECTION IMPROVEMENTS
Vicinity of Ulukou Street and Ulumau Drive
Project No. 61D-01-23

Scale: 1" = 20' Date: DEC, 2023

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61D-01-23	2024	22	87

Kailua Sta. 326+08.21
o/s 8.85' (PC)
101.9 TC
101.4± BC
End lane shift

Curb, Type 6. See HDOT Standard Plan D-05

Kailua Sta. 326+23.36±
o/s 11.35'±
101.5± TC
101.0± BC

New street light pole

Traffic signal pole, type II

Traffic signal pole, type I

4" curb. See detail on Sheet 42

Kailua Sta. 327+18.52±

o/s 37.29'±

101.8 TC

101.3± BC

Face of curb

Traffic signal pole, type I

Traffic signal pole, type I

See Sheet 31 for median improvements

4" curb. See detail on Sheet 42. Offset 2' from Bike Lane

Kailua Sta. 329+04.05±

o/s 37.29'±

99.6 TC

99.1± BC

Face of curb

Kailua Sta. 329+24.67±
o/s 11.57'±
98.9 TC
98.4± BC
Face of curb

Kailua Sta. 329+29.52

o/s 2.21'

99.64 TC

99.14± BC

Kailua Sta. 329+66.36

o/s 2.38'

99.1 TC

98.6± BC

Kailua Sta. 330+40.04±
o/s 11.57'
97.9± TC
97.4± BC

Curb, Type 6. See HDOT Standard Plan D-05

Match existing grade

Curb, Type 6. See HDOT Standard Plan D-05

Match existing grade

Match existing grade

Match existing grade

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Match Line Kailua Sta. 325+75

Kailua Sta. 326+39.98
o/s 11.35' (PT)
101.35± TC
100.85± BC

Kailua Sta. 326+42.89

o/s 2.29' (PT)/(PC)

101.52 TC

101.02± BC

Kailua Sta. 326+71.00

o/s 11.35' (PT)

101.35± TC

100.85± BC

Kailua Sta. 327+88.18±

o/s 11.46'±

100.7± TC

100.2± BC

Kailua Sta. 330+46.62±

o/s 3.08'±

60 L.F. New green vinyl-coated chain link fence without top rail. See HDOT Standard Plan D-03

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

Demolish curb ramp and reconstruct sidewalk, curb and gutter, Type 2DG from Kailua Sta. 330+61.7± to Sta. 330+79.7±. See HDOT Standard Plan D-05 and D-15, Concrete Sidewalk, Sidewalk Detail, # Sidewalk Contraction Joint Detail

See Sheet 32 for sidewalk improvements

TMK: 4-2-032: 099

Traffic signal pole, type I

LEGEND



New concrete



New A.C. pavement



New grassed area

ULUMANU DRIVE (CITY)

ULUMANU

TMK: 4-2-033: 051

TMK: 4-2-033: 051

TMK: 4-2-033: 051

TMK: 4-2-033: 051

TMK: 4-2-033: 051

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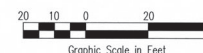
TMK: 4-2-033: 051

TMK: 4-2-033: 051

TMK: 4-2-033: 051

TMK: 4-2-033: 051

CURVE DATA				
CURVE	①	②	③	④
△	35°36'48"	144°05'10"	14°13'03"	14°13'03"
△/2	17°48'24"	72°02'35"	07°06'31.5"	07°06'31.5"
R	59.6'	5'	150'	300'
T	19.1'	15.6'	18.7'	37.4'
C	36.5'	9.5'	37.1'	74.3'
L	37'	12.6'	37.2'	74.4'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. LICENSE EXPIRATION DATE: 04/30/24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY IMPROVEMENT PLAN - 5

KAILUA ROAD INTERSECTION IMPROVEMENTS
Vicinity of Ulua Street and Ulumanu Drive
Project No. 61D-01-23

Scale: 1" = 20' Date: DEC, 2023

SHEET No. 5 OF 5 SHEETS