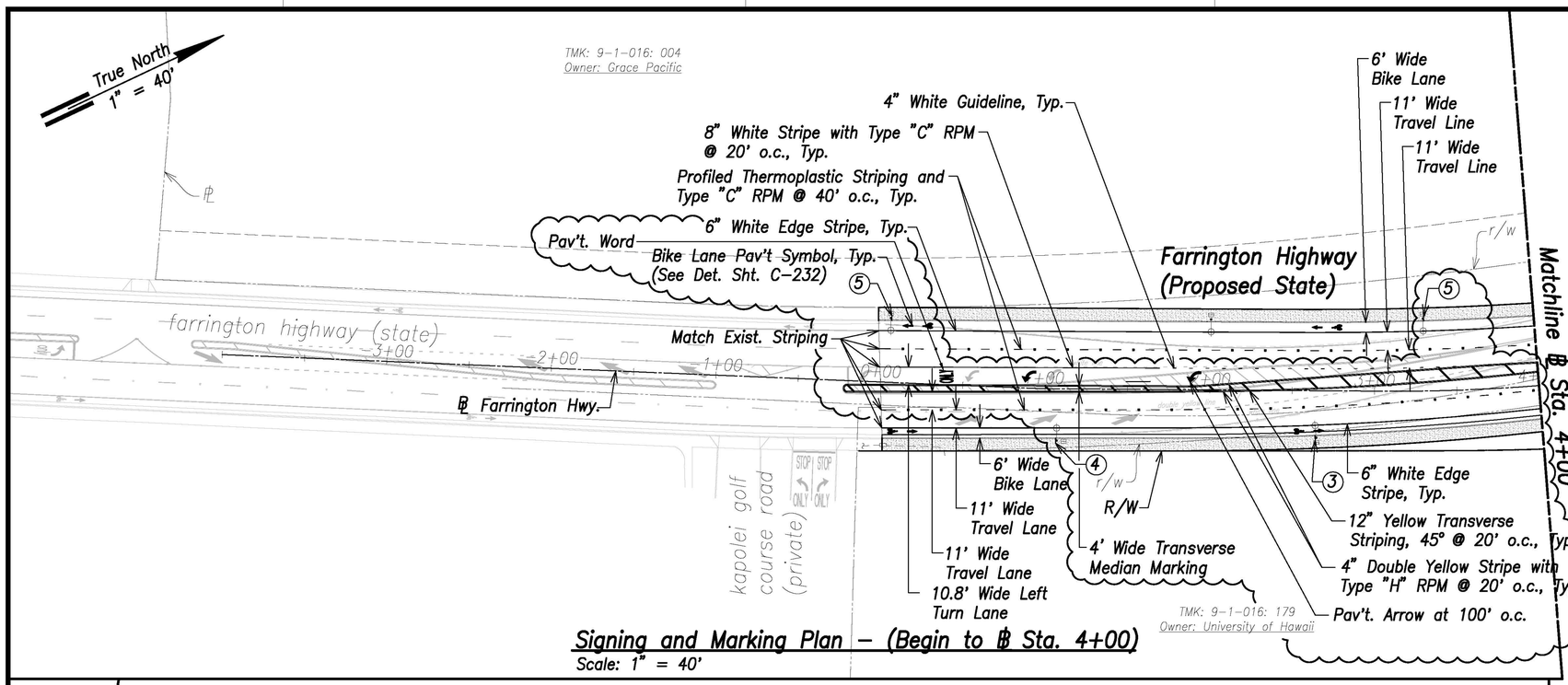
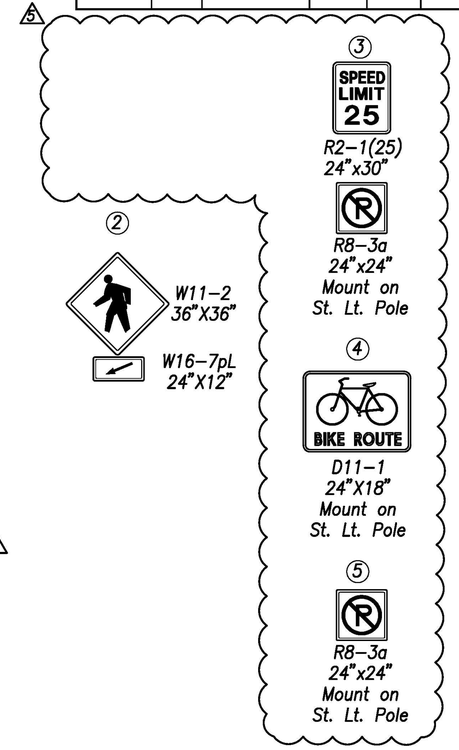
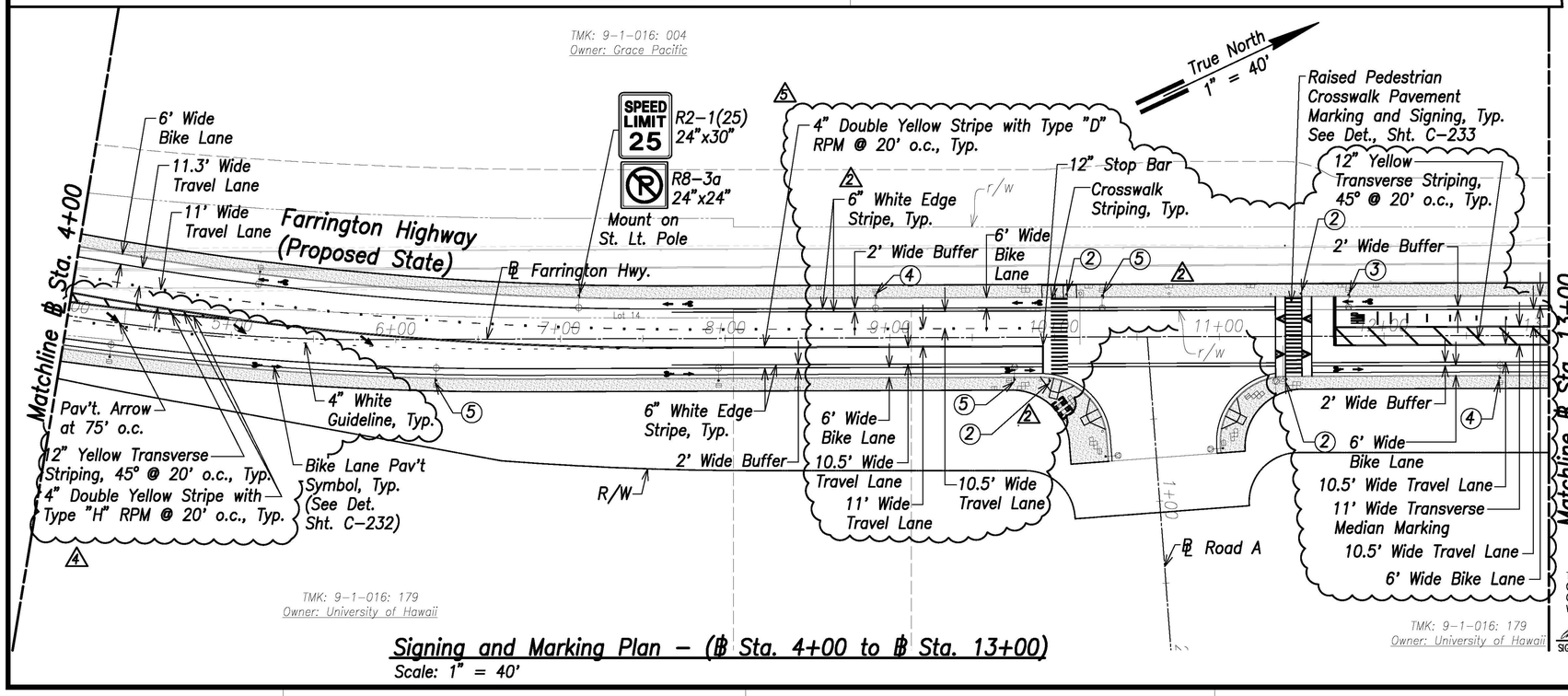
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	223	767



Signing and Marking Plan – (Begin to ℄ Sta. 4+00)

Scale: 1" = 40'





Signing and Marking Plan – (℄ Sta. 4+00 to ℄ Sta. 13+00)

Scale: 1" = 40'

Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Pav't. Arrow Revised, Crosswalk Signage Added, Label Added, Stripe Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 0+00 to ℄ Sta. 13+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

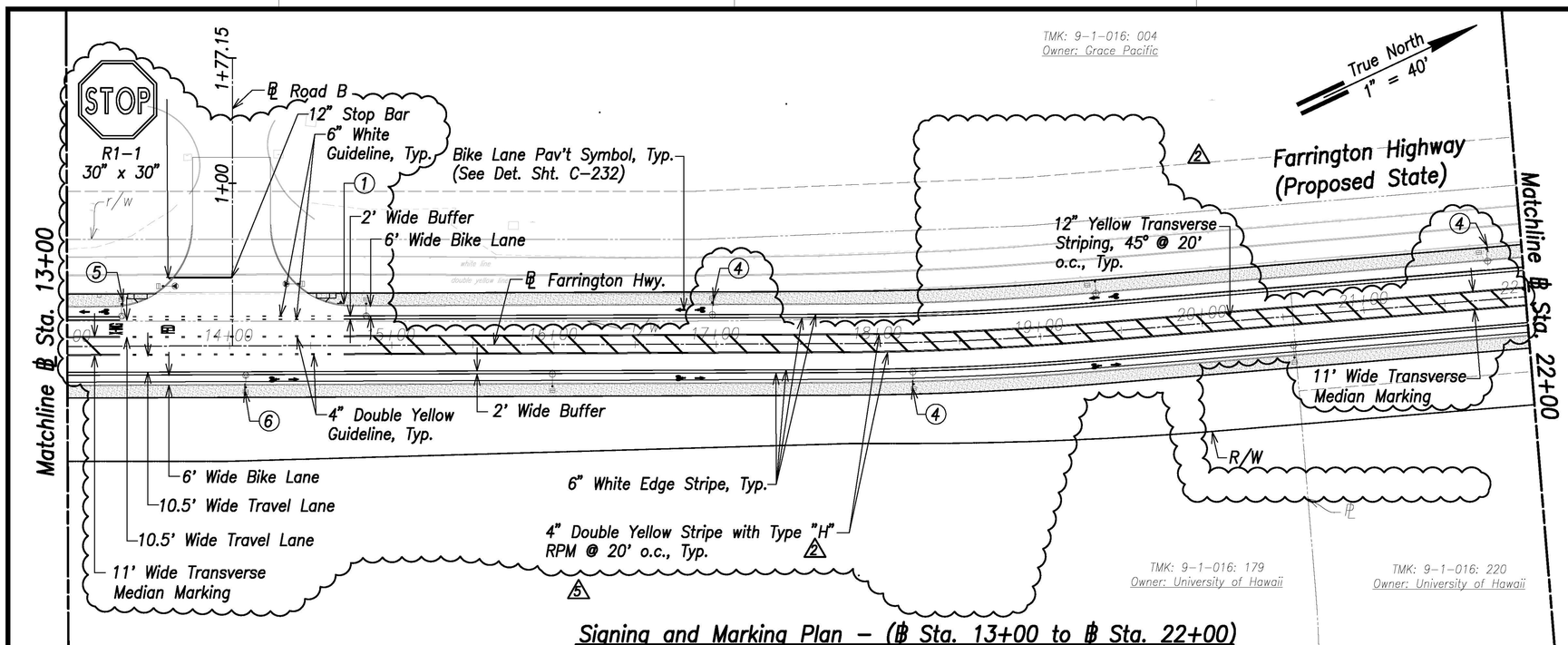
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	SURVEY BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

SHEET No. C-222 OF 767 SHEETS

ADD. 223

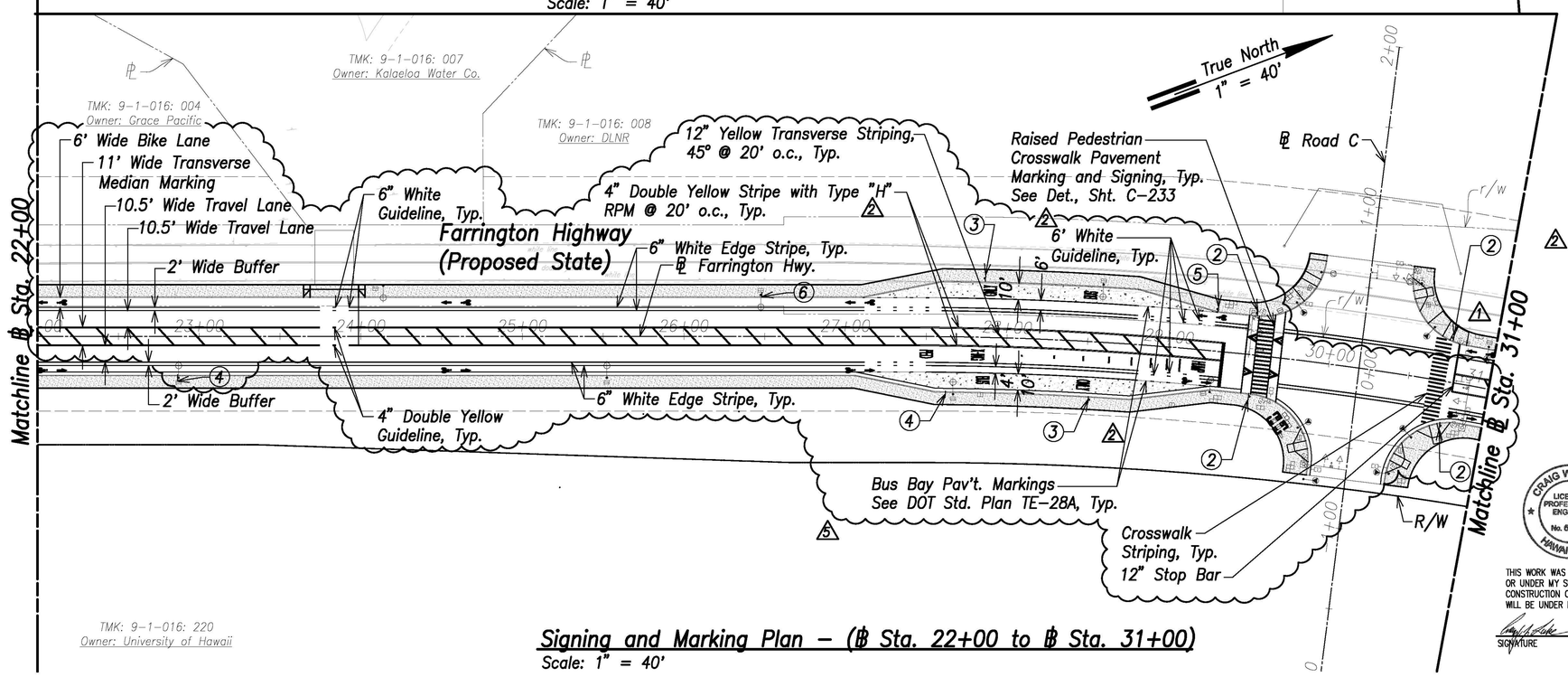
FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-222 Striping Plan - Sta. 0+00 to 13+00.dwg saved July 8, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	224	767



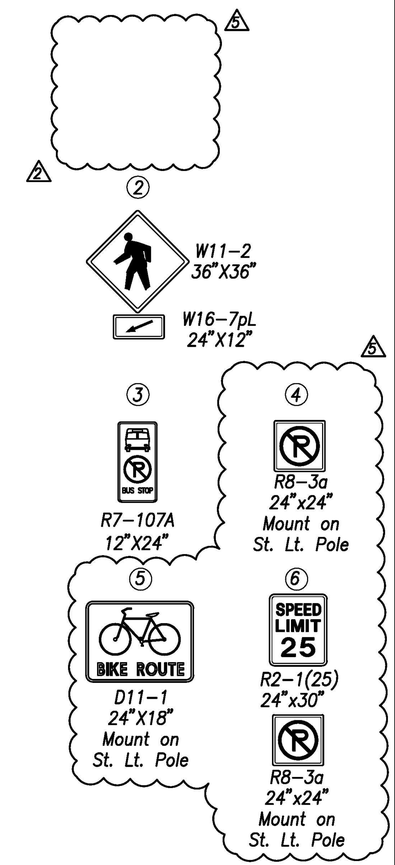
Signing and Marking Plan – (℄ Sta. 13+00 to ℄ Sta. 22+00)

Scale: 1" = 40'



Signing and Marking Plan – (℄ Sta. 22+00 to ℄ Sta. 31+00)

Scale: 1" = 40'



Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Pav't. Arrow Revised, Crosswalk Signage Added, Turning Vehicles Yield to Pedestrians Sign Removed, Stripe Labels Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 13+00 to ℄ Sta. 31+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

SHEET No. C-223 OF 767 SHEETS

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

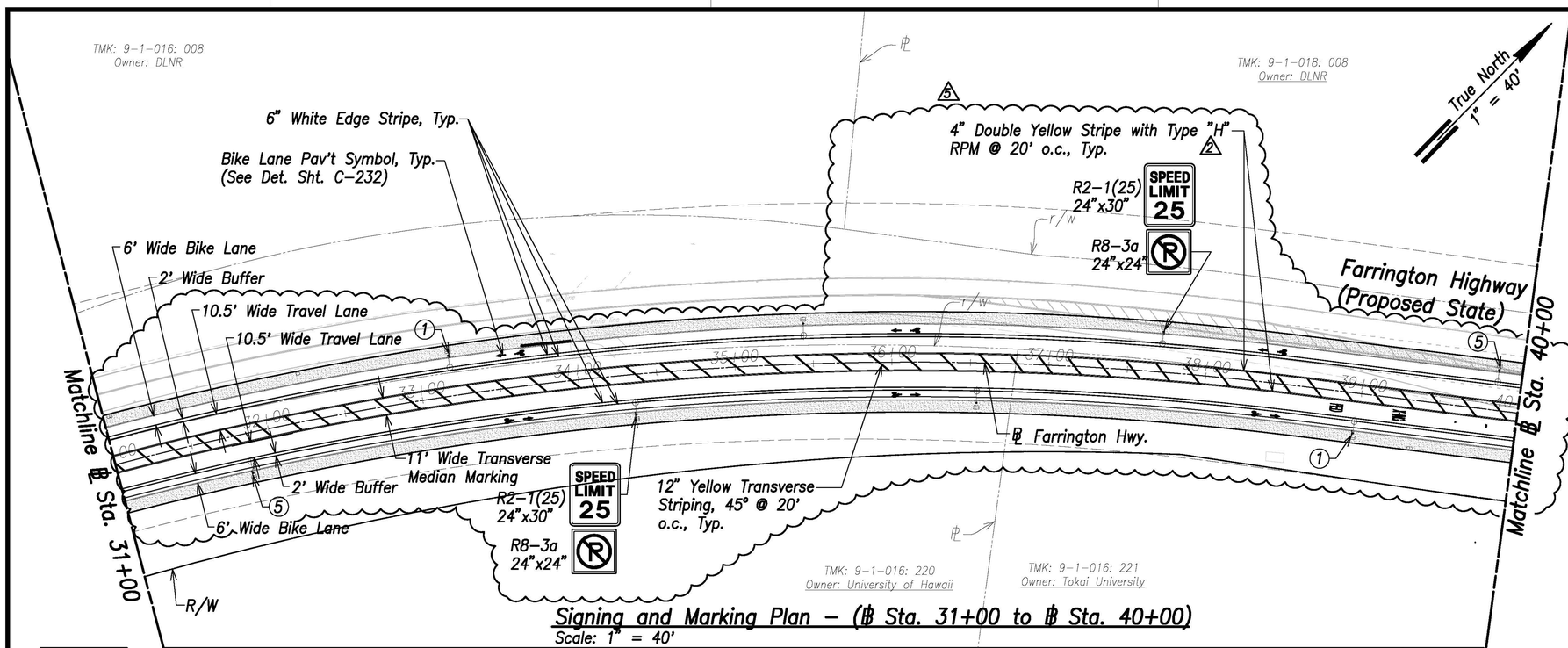
SIGNATURE — April 30, 2024 EXPIRATION DATE OF THE LICENSE

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
NOTE BOOK	CHECKED BY	
No.		

FILE: K:\civil\23145 Farrington Hwy Widening\Dwg\Construction Dwgs\C-223 Striping Plan - Sta. 13+00 to 31+00.dwg saved July 7, 2022

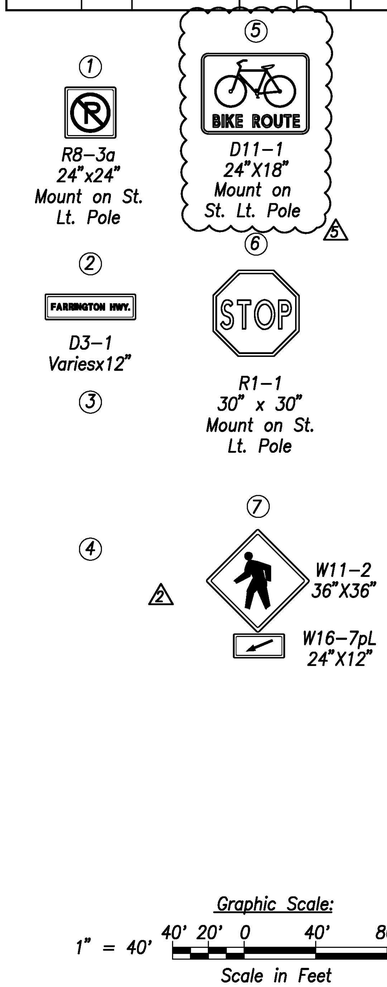
ADD. 224

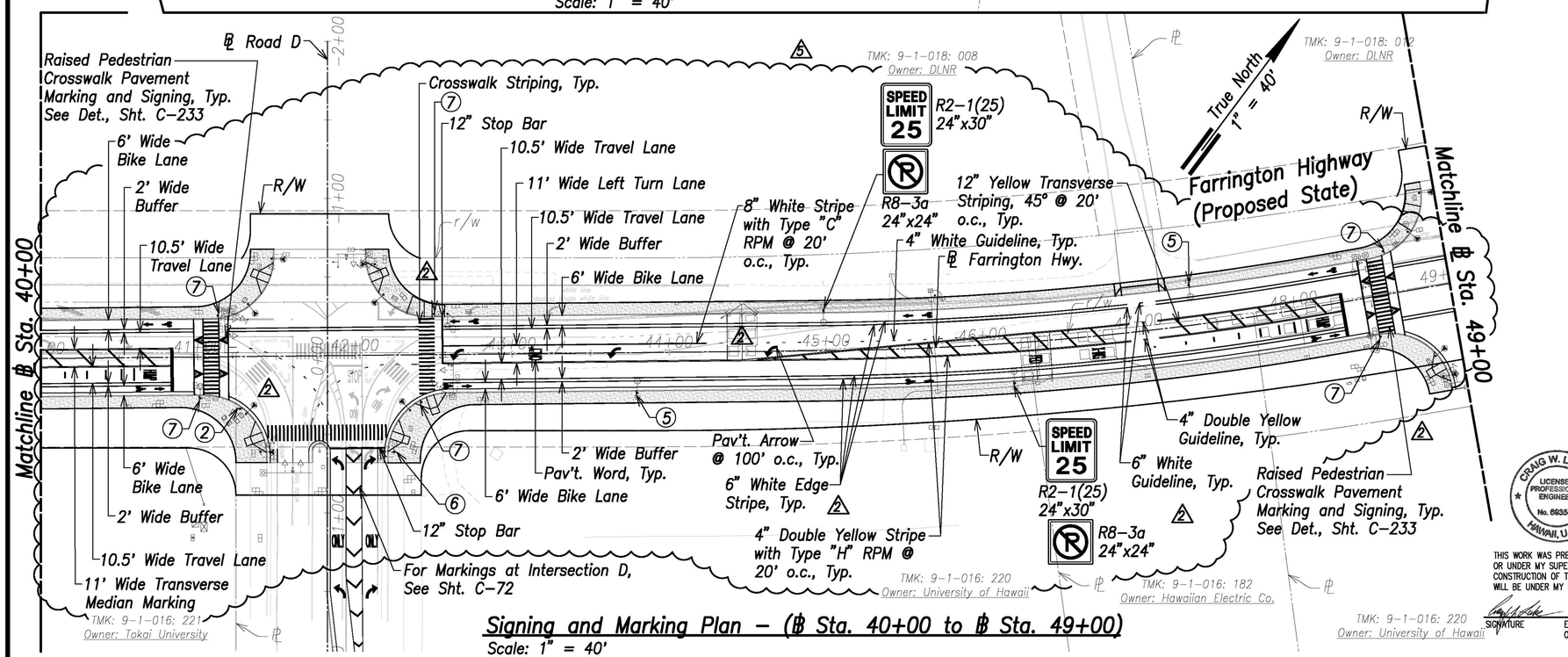
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	225	767



Signing and Marking Plan – (℄ Sta. 31+00 to ℄ Sta. 40+00)

Scale: 1" = 40'





Signing and Marking Plan – (℄ Sta. 40+00 to ℄ Sta. 49+00)

Scale: 1" = 40'

Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Turning Vehicles Yield to Pedestrians Sign Removed, Pav't Arrow Revised, Stree Sign Removed, Stripe Label Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 31+00 to ℄ Sta. 49+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

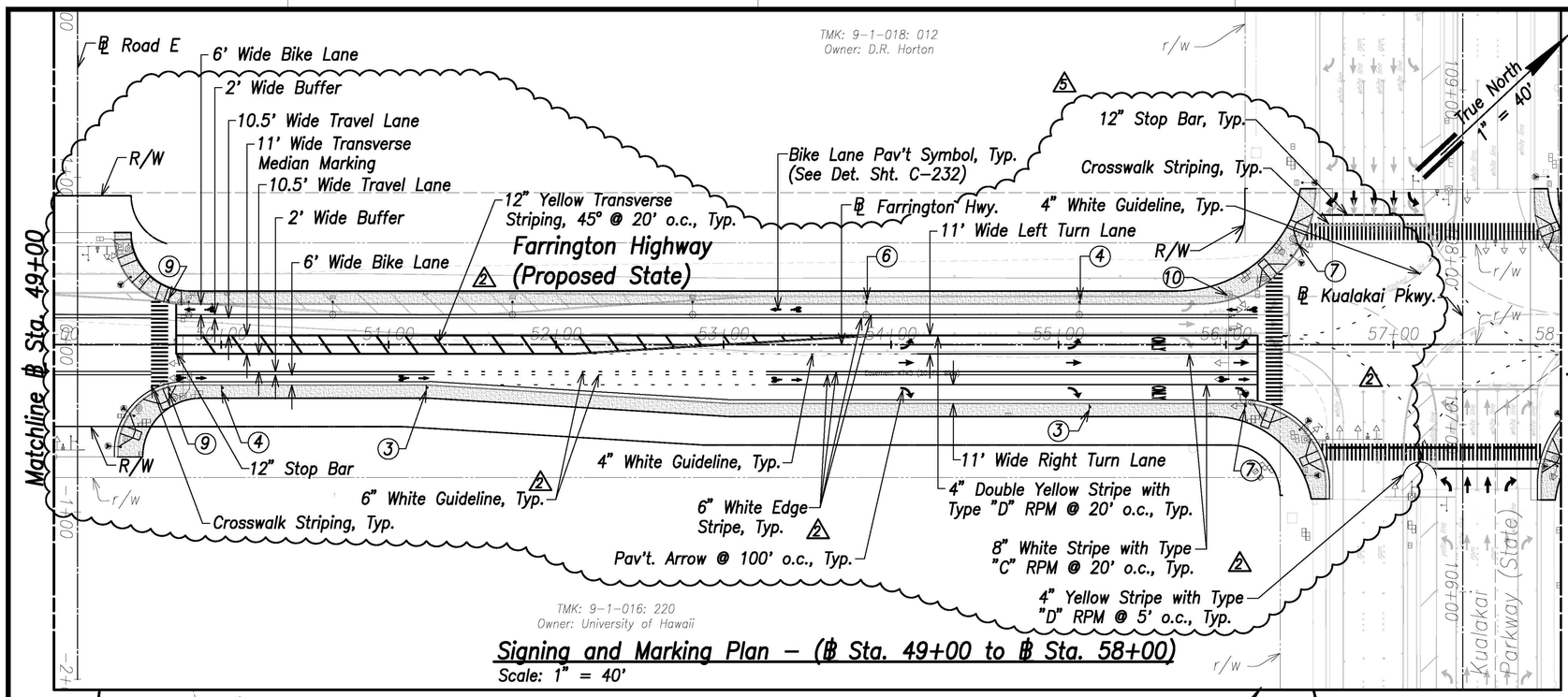
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	TRACED BY	
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

SHEET No. C-224 OF 767 SHEETS

ADD. 225

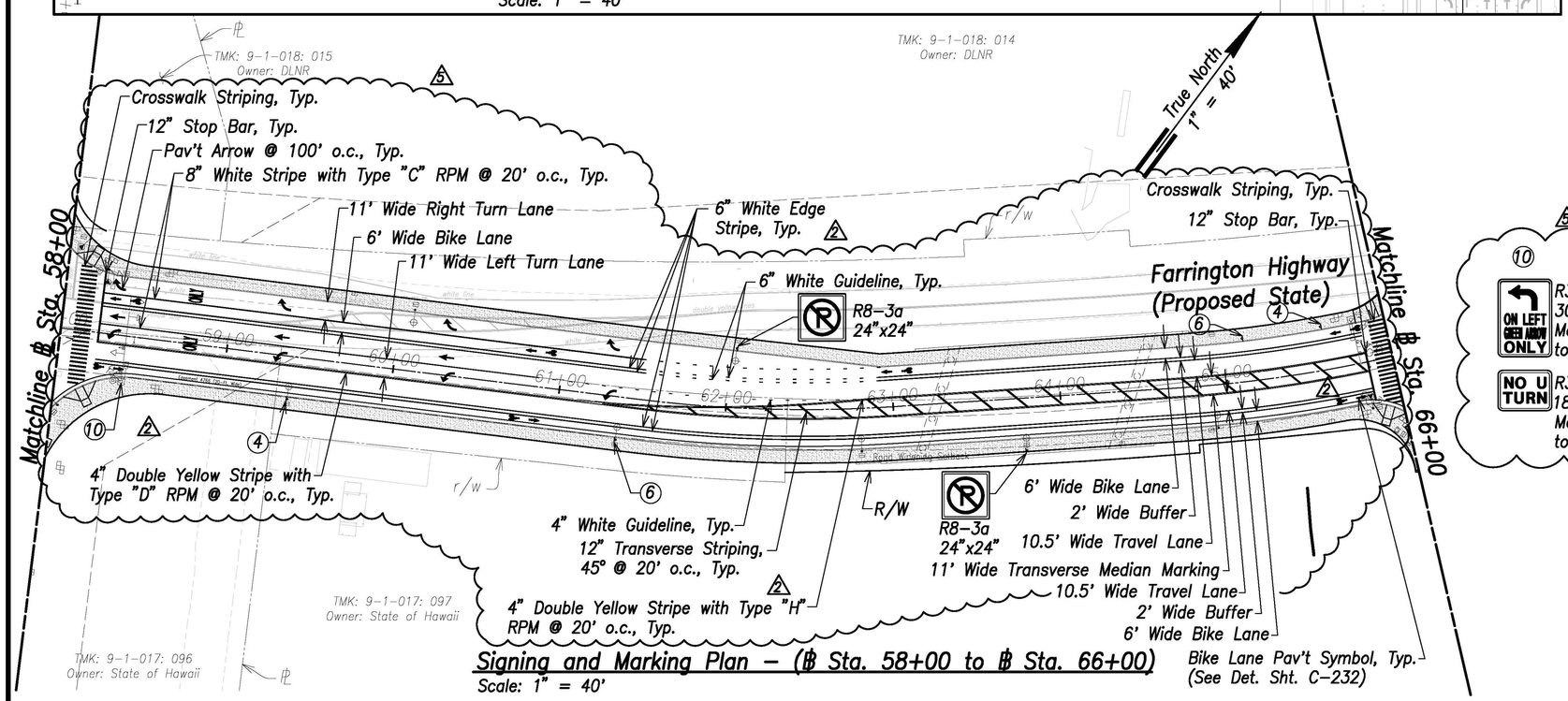
FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-224 Striping Plan - Sta. 31+00 to 49+00.dwg saved July 15, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	226	767



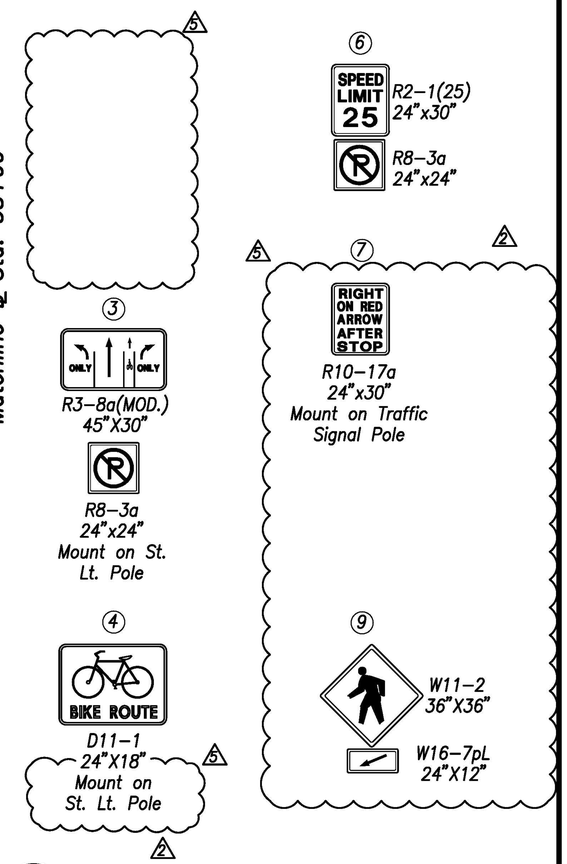
Signing and Marking Plan – (₿ Sta. 49+00 to ₿ Sta. 58+00)

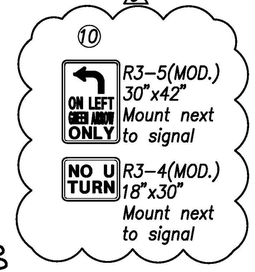
Scale: 1" = 40'



Signing and Marking Plan – (₿ Sta. 58+00 to ₿ Sta. 66+00)

Scale: 1" = 40'





Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Turning Vehicles Yield to Pedestrians Sign Removed, Pav't Arrow Revised, Sign Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
₿ Sta. 49+00 to ₿ Sta. 66+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE April 30, 2024 EXPIRATION DATE OF THE LICENSE

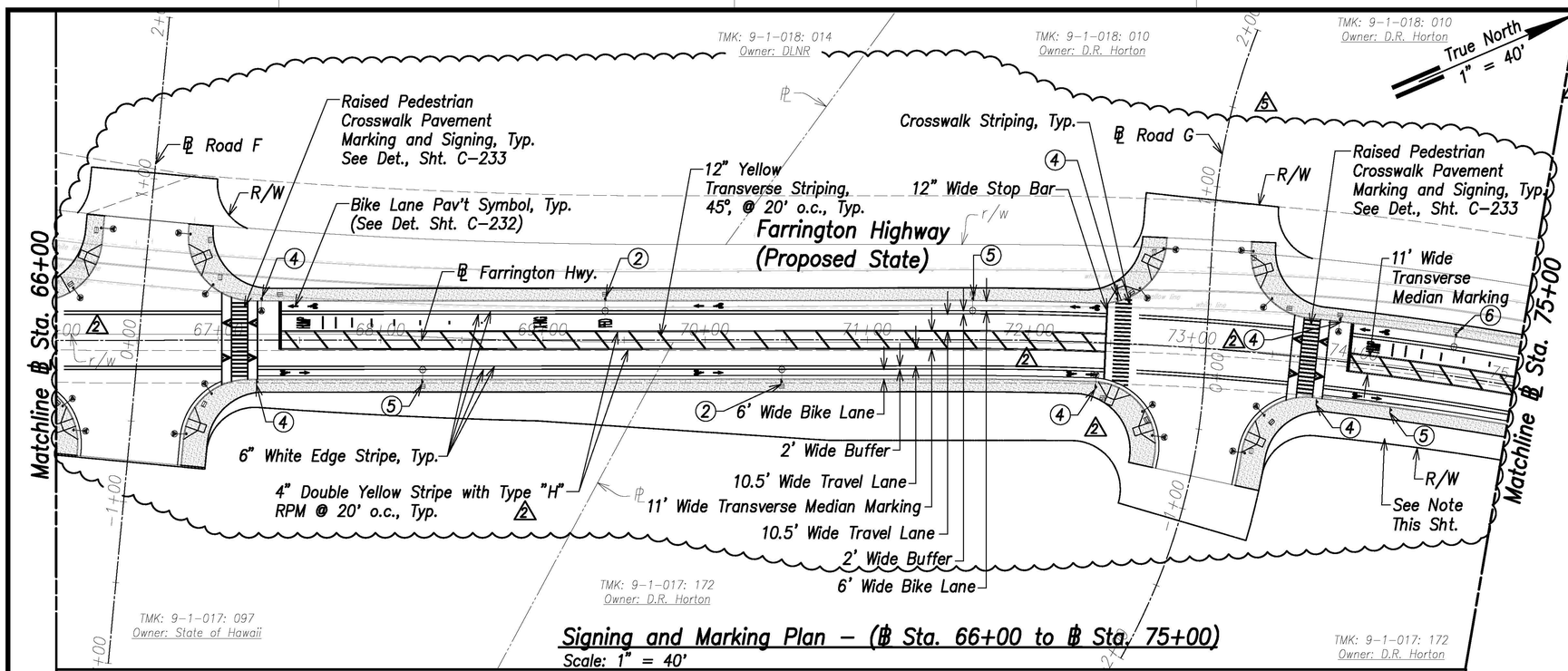
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
SURVEY BY	
TRACED BY	
NOTE BOOK	DESIGNED BY
	QUANTITIES BY
No.	CHECKED BY

SHEET No. C-225 OF 767 SHEETS

ADD. 226

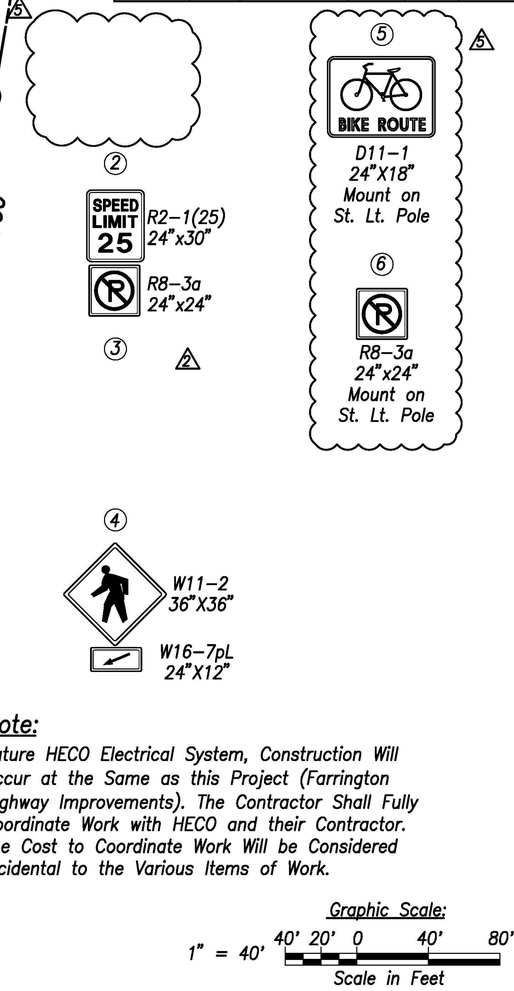
FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-225 Striping Plan – Sta. 49+00 to 66+00.dwg saved July 13, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	227	767



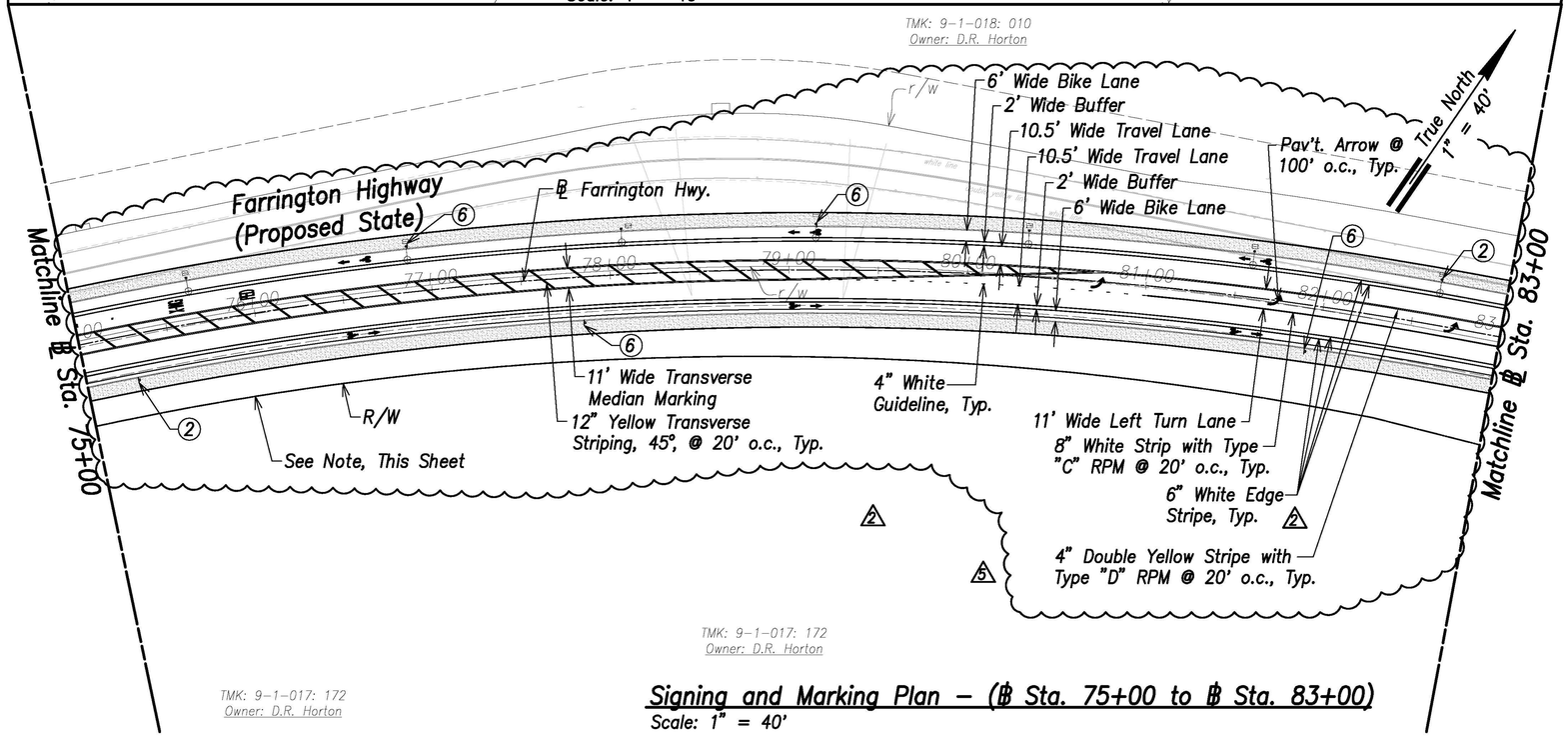
Signing and Marking Plan – (℄ Sta. 66+00 to ℄ Sta. 75+00)

Scale: 1" = 40'



Note:

Future HECO Electrical System, Construction Will Occur at the Same as this Project (Farrington Highway Improvements). The Contractor Shall Fully Coordinate Work with HECO and their Contractor. The Cost to Coordinate Work Will be Considered Incidental to the Various Items of Work.



Signing and Marking Plan – (℄ Sta. 75+00 to ℄ Sta. 83+00)

Scale: 1" = 40'

Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Turning Vehicles Yield to Pedestrians Sign Removed, Pav't Arrow Revised, Stripe Label Added

CRAIG W. L. LUKE LICENSED PROFESSIONAL ENGINEER No. 6935-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 66+00 to ℄ Sta. 83+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown — Date: April 2022

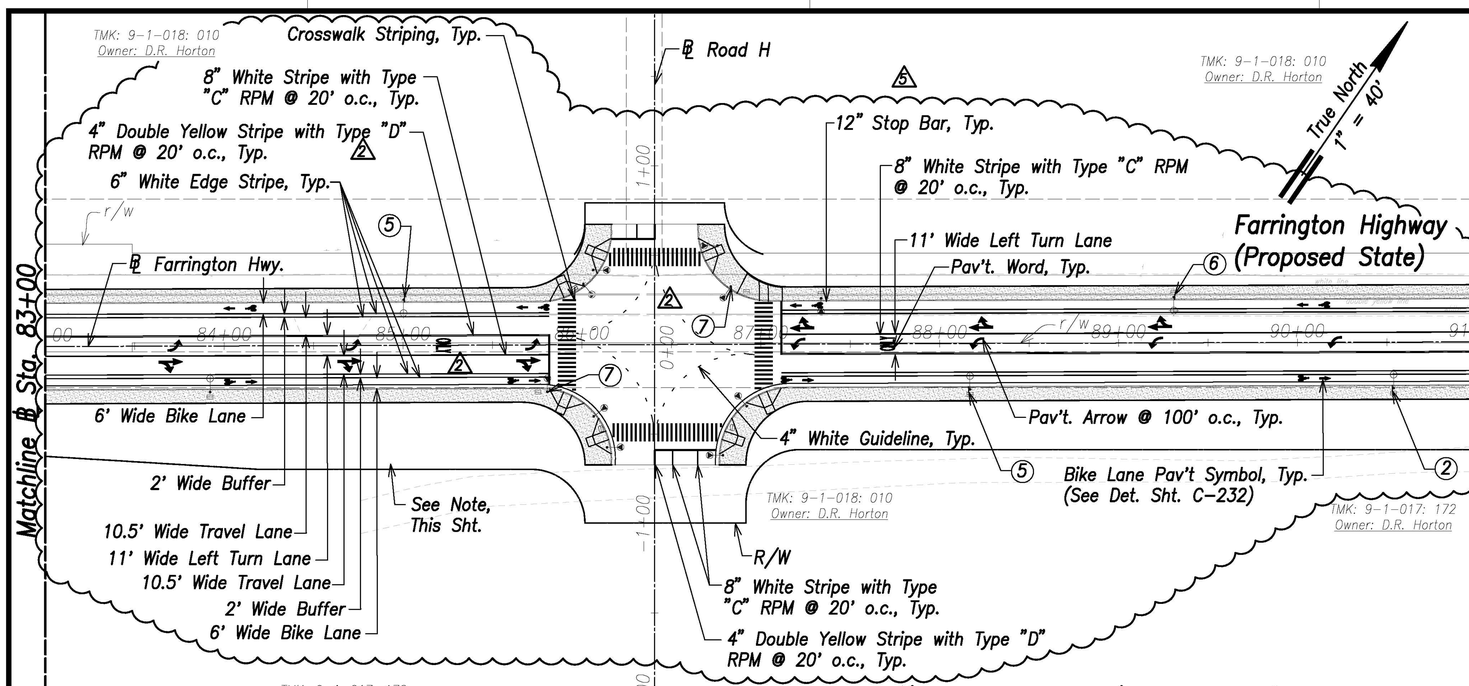
SHEET No. C-226 OF 767 SHEETS

ORIGINAL PLAN — SURVEY PLOTTED BY — DRAWN BY — TRACED BY — DESIGNED BY — QUANTITIES BY — CHECKED BY — NOTE BOOK No. — DATE

FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-226 Striping Plan - Sta. 66+00 to 83+00.dwg saved July 7, 2022

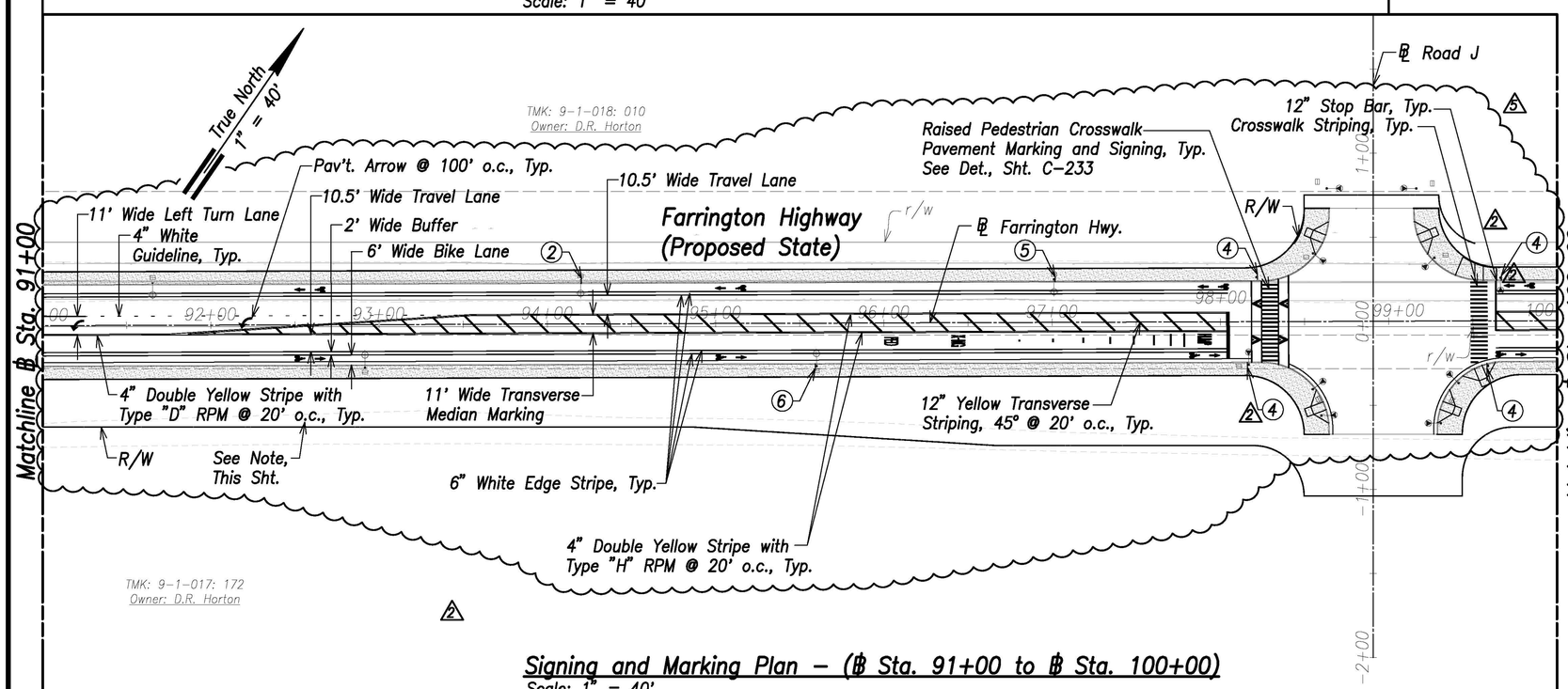
ADD. 227

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	228	767



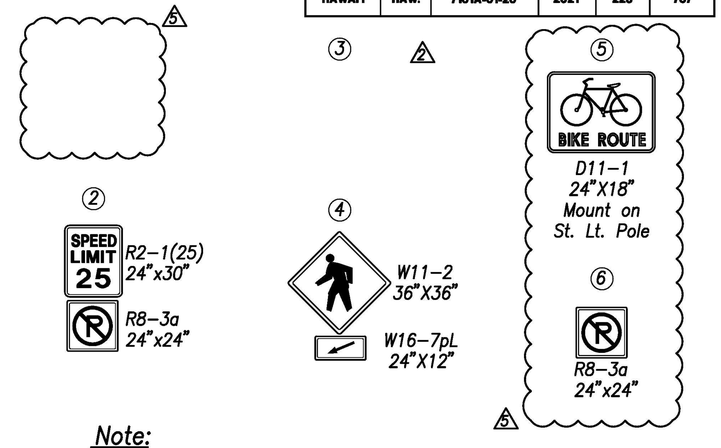
Signing and Marking Plan – (℄ Sta. 83+00 to ℄ Sta. 91+00)

Scale: 1" = 40'



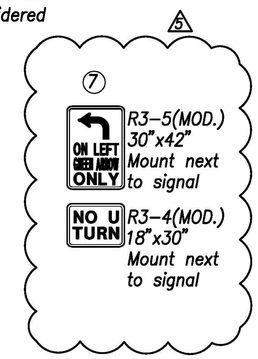
Signing and Marking Plan – (℄ Sta. 91+00 to ℄ Sta. 100+00)

Scale: 1" = 40'



Note:

Future HECO Electrical System, Construction Will Occur at the Same as this Project (Farrington Highway Improvements). The Contractor Shall Fully Coordinate Work with HECO and their Contractor. The Cost to Coordinate Work Will be Considered Incidental to the Various Items of Work.



Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Turning Vehicles Yield to Pedestrians Sign Removed, Stripes Added, Stripe Label Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 83+00 to ℄ Sta. 100+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

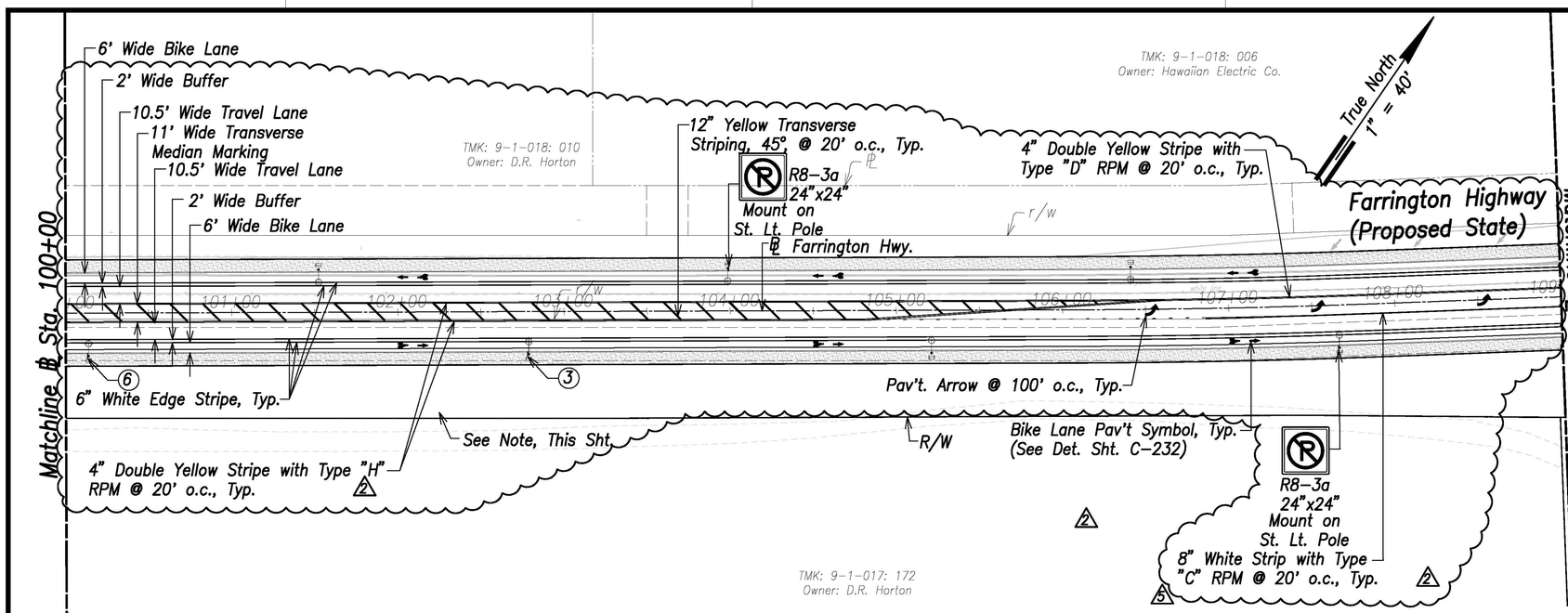
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

ORIGINAL PLAN — SURVEY PLOTTED BY / DRAWN BY / TRACED BY / NOTE BOOK / DESIGNED BY / QUANTITIES BY / CHECKED BY / DATE / No.

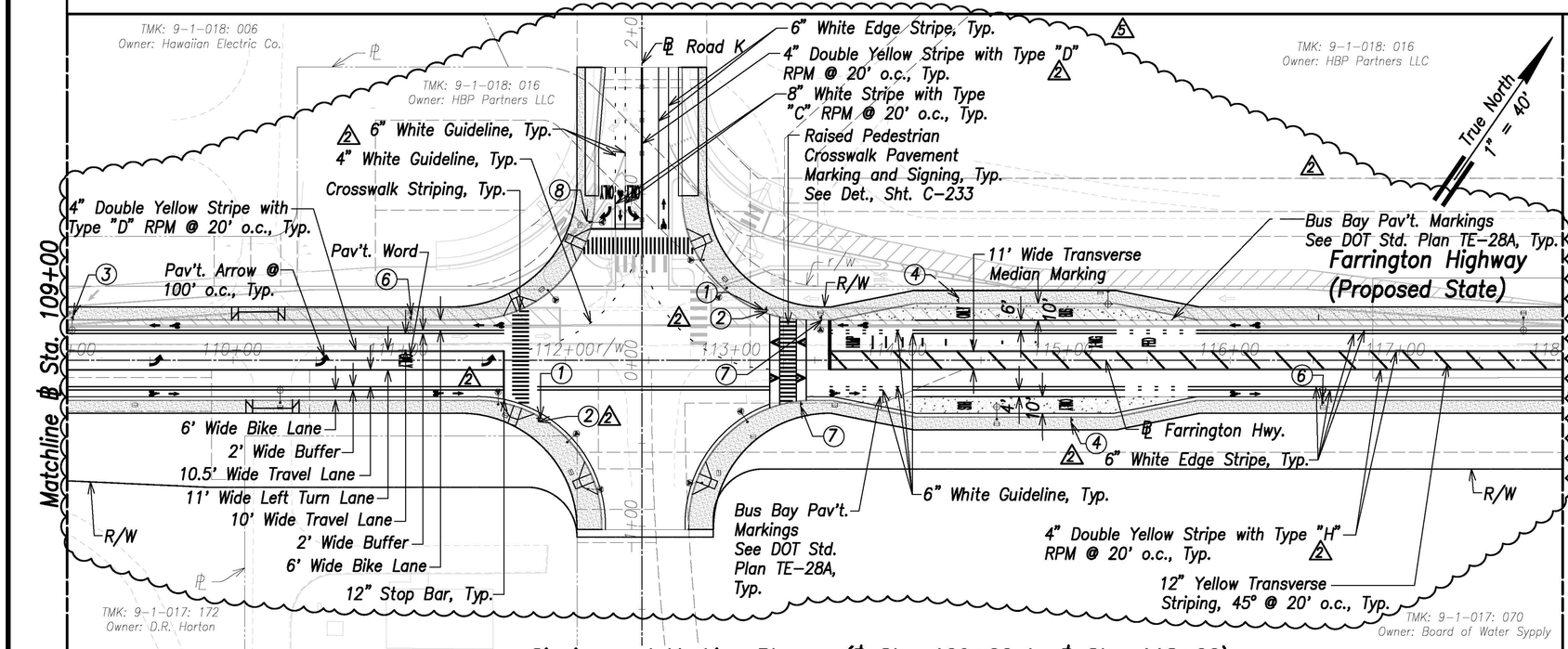
FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-227 Striping Plan – Sta. 83+00 to 100+00.dwg saved July 7, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	229	767



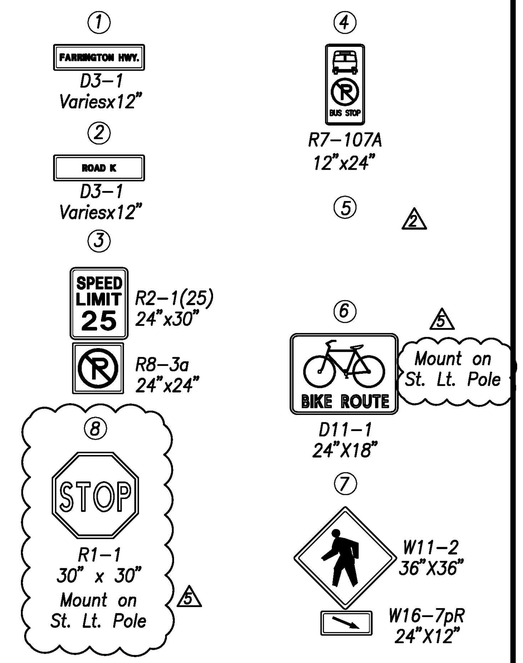
Signing and Marking Plan – (₿ Sta. 100+00 to ₿ Sta. 109+00)

Scale: 1" = 40'



Signing and Marking Plan – (₿ Sta. 109+00 to ₿ Sta. 118+00)

Scale: 1" = 40'



Note:

Future HECO Electrical System, Construction Will Occur at the Same as this Project (Farrington Highway Improvements). The Contractor Shall Fully Coordinate Work with HECO and their Contractor. The Cost to Coordinate Work Will be Considered Incidental to the Various Items of Work.

Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Add Bus Bay, Rev. Sign and Striping
06/08/22	2 Turning Vehicles Yield to Pedestrians Sign Removed, Pav't. Arrow Revised, Stripes Added, Stripe Labels Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
₿ Sta. 100+00 to ₿ Sta. 118+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

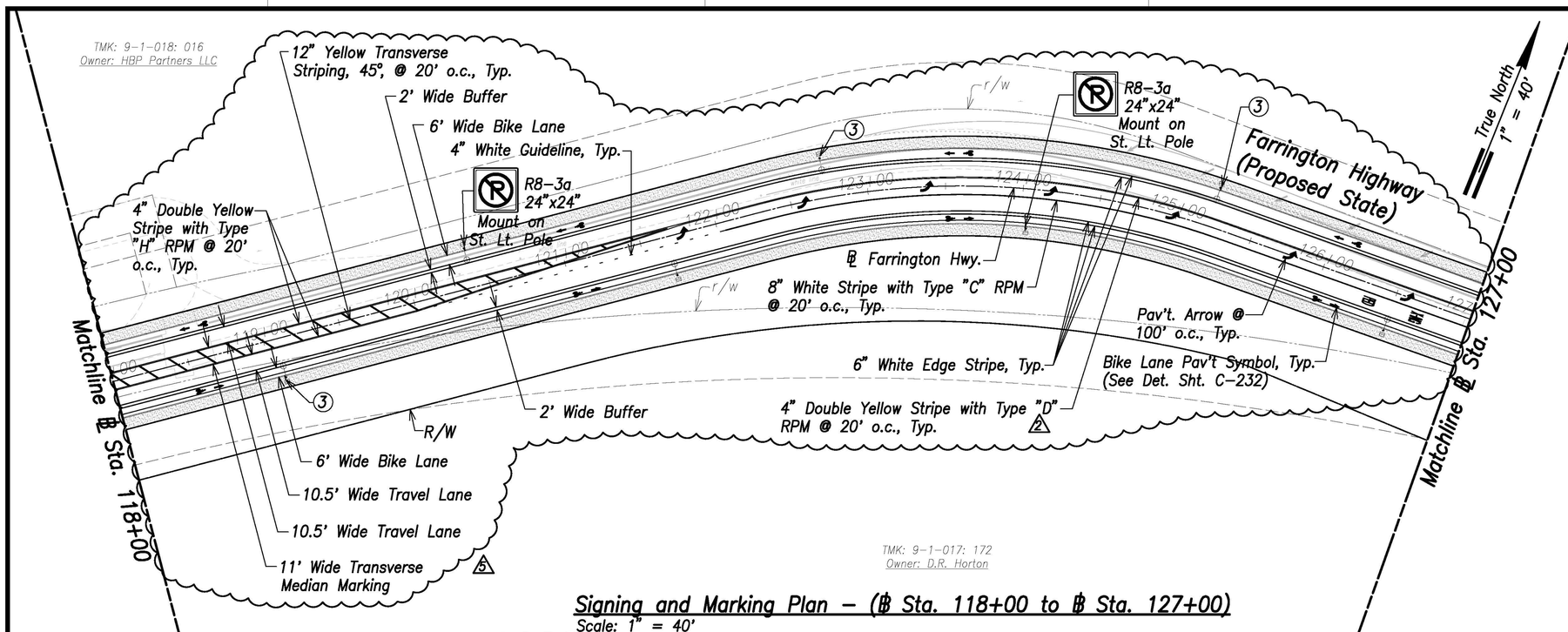
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

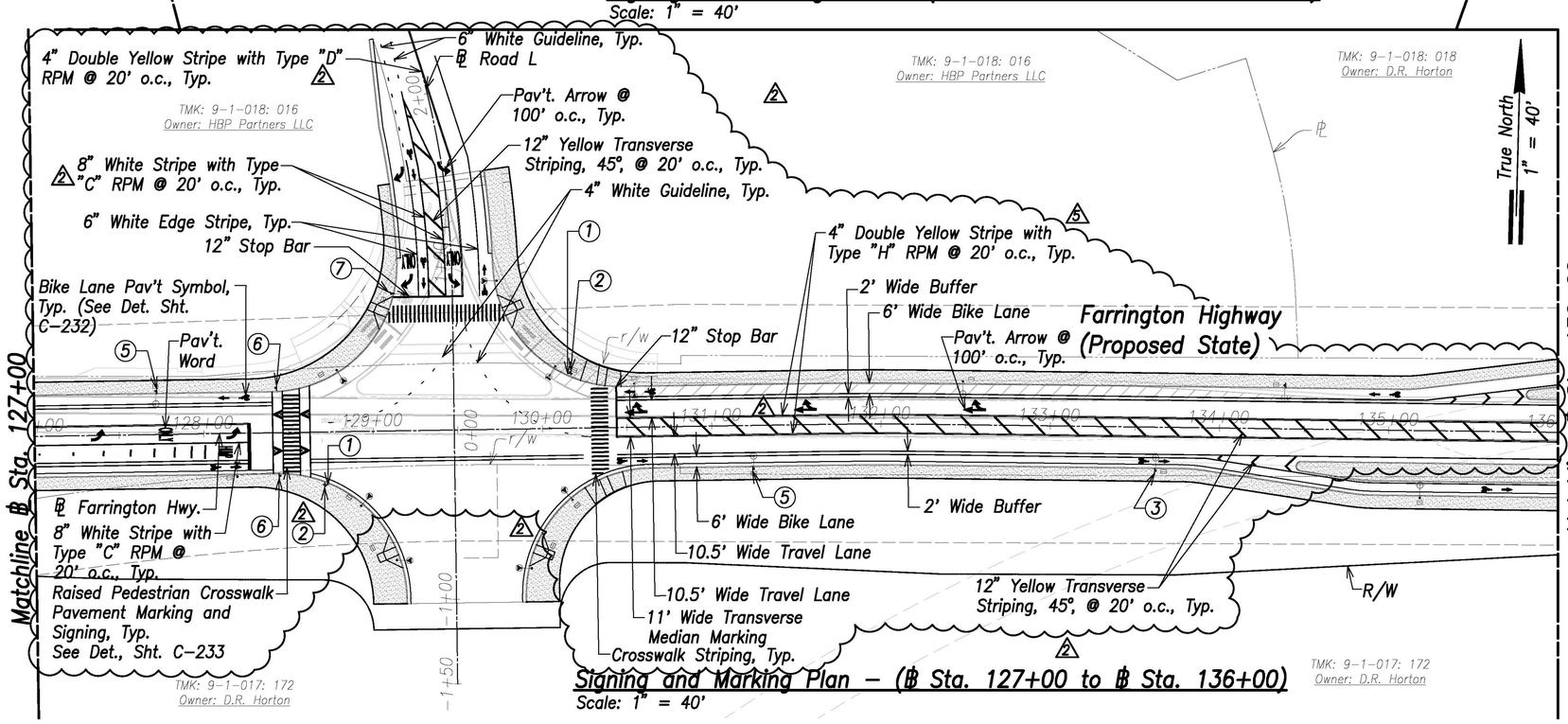
FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-228 Striping Plan - Sta. 100+00 to 118+00.dwg saved July 13, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	230	767



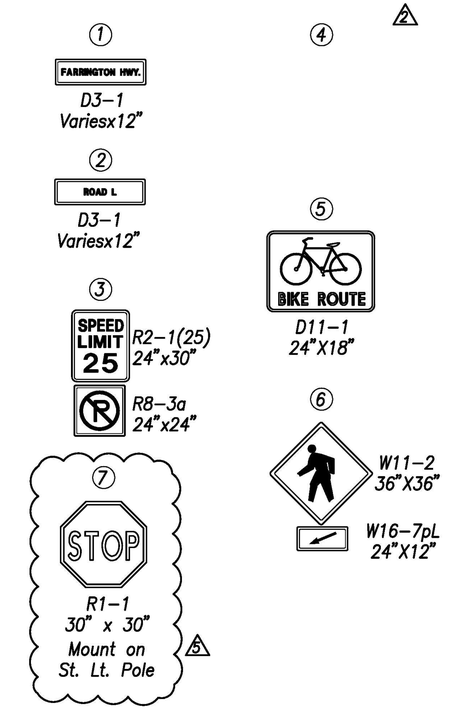
Signing and Marking Plan – (℄ Sta. 118+00 to ℄ Sta. 127+00)

Scale: 1" = 40'



Signing and Marking Plan – (℄ Sta. 127+00 to ℄ Sta. 136+00)

Scale: 1" = 40'



Graphic Scale:

1" = 40' 40' 20' 0 40' 80'

Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Pav't. Arrow Revised, Turn Lane and Median Striping Revised, Turning Vehicles Yield to Pedestrians Sign Removed, Street Sign Removed, Stripe Label Revised and Added

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 118+00 to ℄ Sta. 136+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

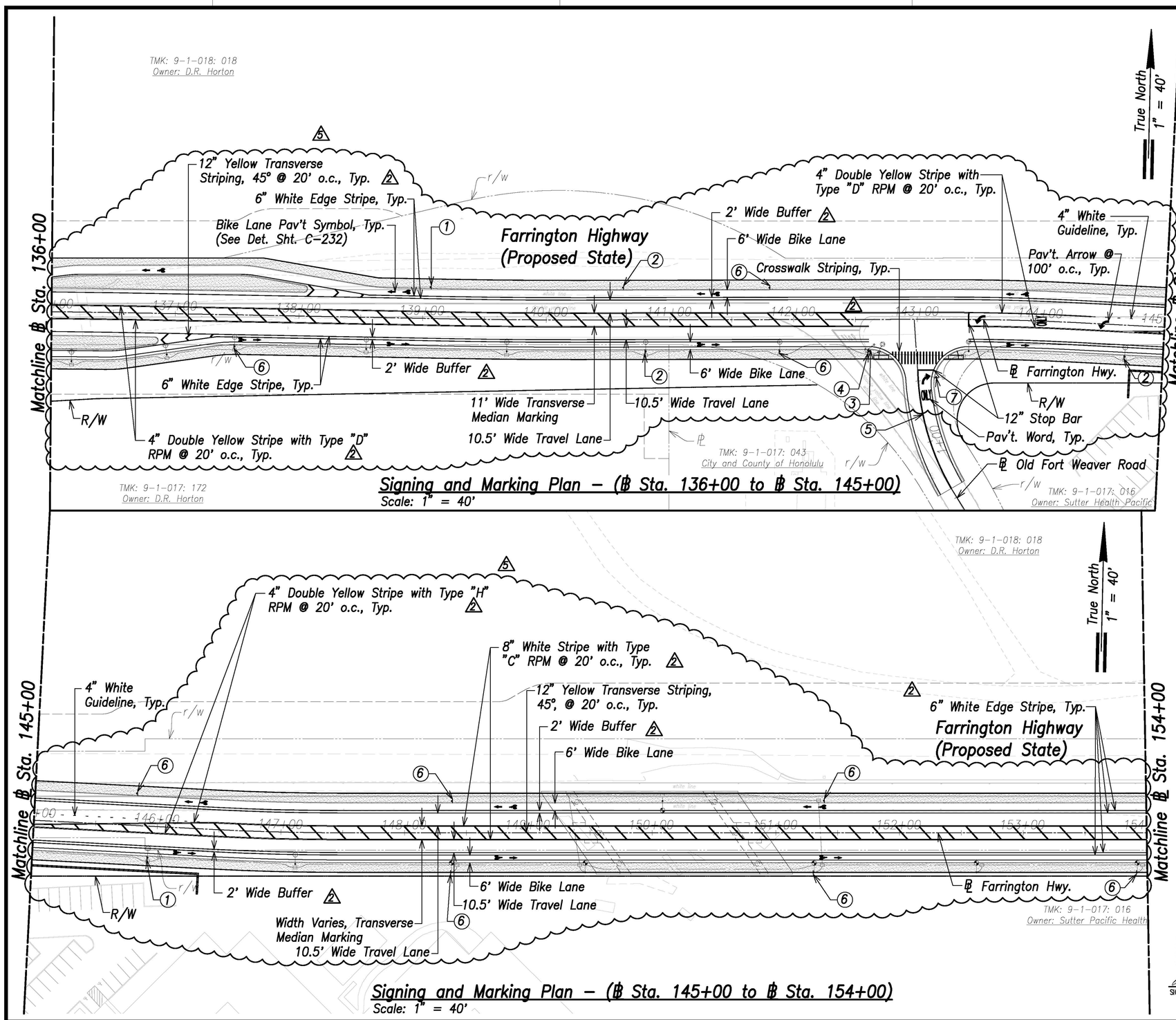
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGN BY	
	TRACED BY	
	DESIGNED BY	
NOTE BOOK	QUANTITIES BY	
No.	CHECKED BY	

FILE: K:\civil\23145 Farrington Hwy Widening\Dwg\Construction Dwgs\C-229 Striping Plan - Sta. 118+00 to 136+00.dwg saved July 13, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	231	767



Signing and Marking Plan – (℄ Sta. 136+00 to ℄ Sta. 145+00)
Scale: 1" = 40'

Signing and Marking Plan – (℄ Sta. 145+00 to ℄ Sta. 154+00)
Scale: 1" = 40'

1. SPEED LIMIT 25 — R2-1(25) 24"x30"; R8-3a 24"x24" — Mount on St. Lt. Pole
2. BIKE ROUTE — D11-1 24"X18"
3. FARRINGTON HWY. — D3-1 Variesx12"
4. OLD FORT WEAVER RD. — D3-1 Variesx12"
5. 4" Double Yellow Stripe with Type "D" RPM @ 20' o.c., Typ.
6. R8-3a 24"x24"
7. STOP — R1-1 30" x 30"

Graphic Scale:
1" = 40' — 40' 20' 0 40' 80' — Scale in Feet

DATE	REVISION
07/15/22	5 Rev. Signing, Striping, Add callouts
06/08/22	2 Median Striping Revised; Added callouts; Revised callouts

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 136+00 to ℄ Sta. 154+00

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown — Date: April 2022

CRAIG W. L. LUKE — LICENSED PROFESSIONAL ENGINEER — No. 6935-C — HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — April 30, 2024 EXPIRATION DATE OF THE LICENSE

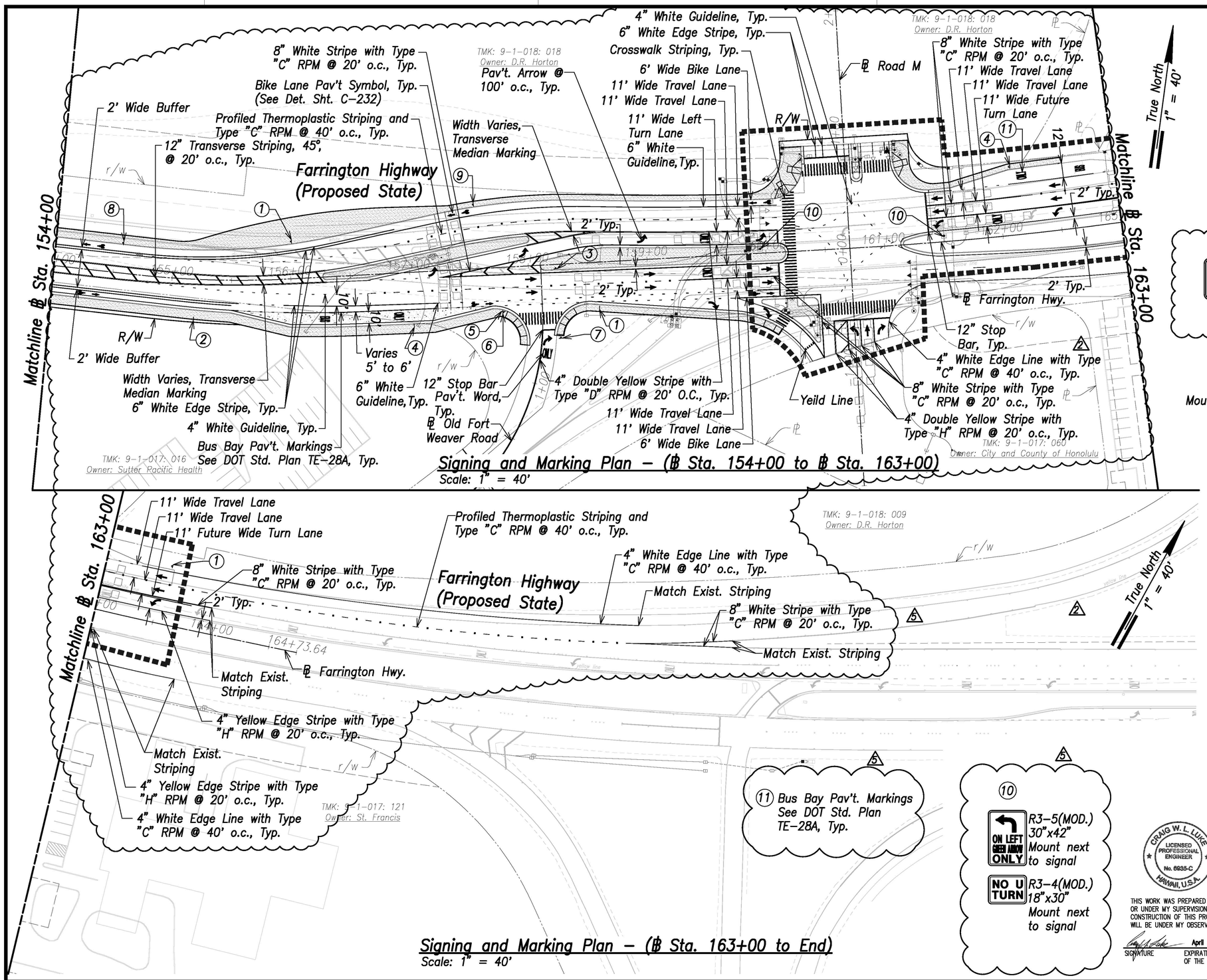
ORIGINAL PLAN — SURVEY PLOTTED BY / DRAWN BY / TRACED BY / DESIGNED BY / QUANTITIES BY / CHECKED BY / NOTE BOOK No. / DATE

SHEET No. C-230 OF 767 SHEETS

ADD. 231

FILE: K:\cdd\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-230 Striping Plan - Sta. 136+00 to 154+00.dwg saved july 14, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	232	767



DATE	REVISION
07/15/22	5 Add Bus Bay, Rev. Sign and Striping
06/08/22	2 Revised turn lane striping, removed Intersection M striping

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Signing and Marking Plan
℄ Sta. 154+00 to End

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

SHEET No. C-231 OF 767 SHEETS

CRAIG W. L. LUKE LICENSED PROFESSIONAL ENGINEER No. 6935-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

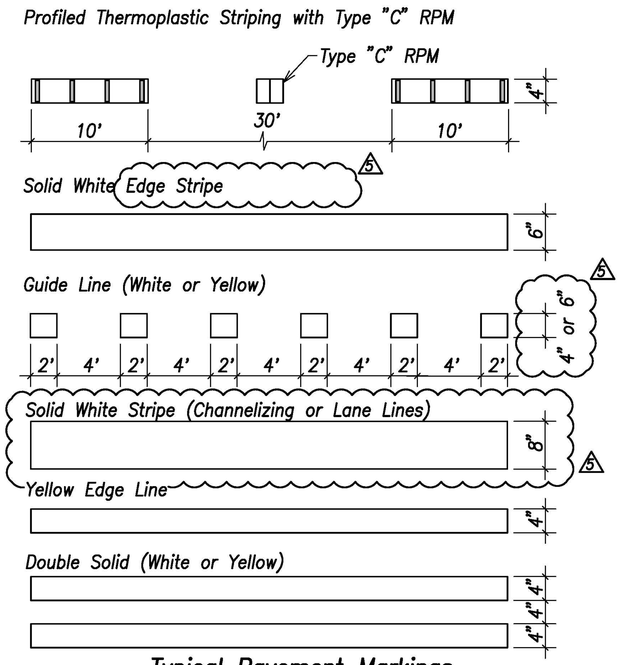
SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

ORIGINAL PLAN — SURVEY PLOTTED BY / DRAWN BY / TRACED BY / DESIGNED BY / QUANTITIES BY / CHECKED BY / DATE / NOTE BOOK No.

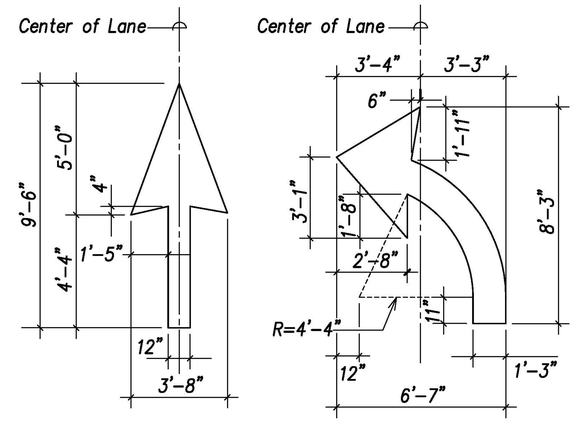
ADD. 232

FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-231 Striping Plan - Sta. 154+00 to End.dwg saved July 13, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	233	767



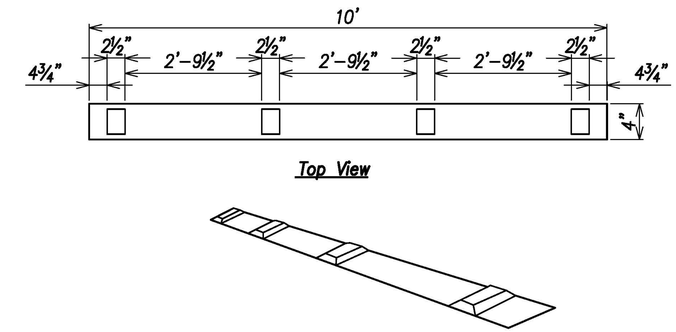
Typical Pavement Markings
Not To Scale



Through Arrow Turn Arrow

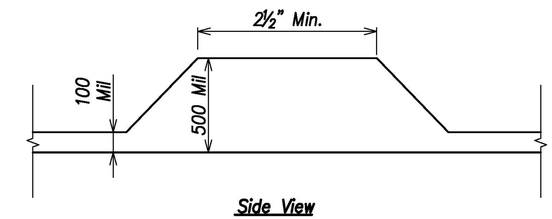
Note:
See Std. Plan TE-29
for Additional Details.

Typical Pavement Arrows
Not To Scale



Top View

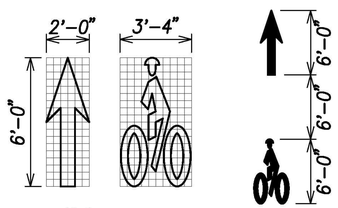
Perspective View



Side View

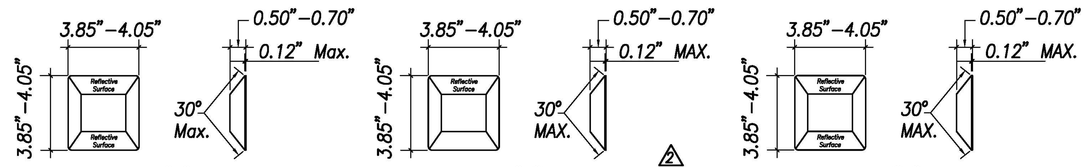
Note:
Profiles shall be placed on 36" o.c., shall be 500 mil height, including 100 mil baseline, and shall have a width equal to approximately the baseline width.

Profiled Thermoplastic Striping
Not to Scale



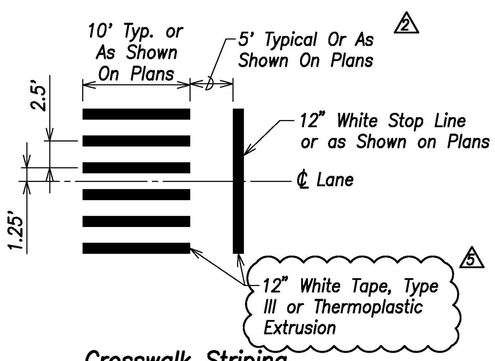
Note:
□ = 4" x 4"

Bike Route Pavement Markings
Not To Scale

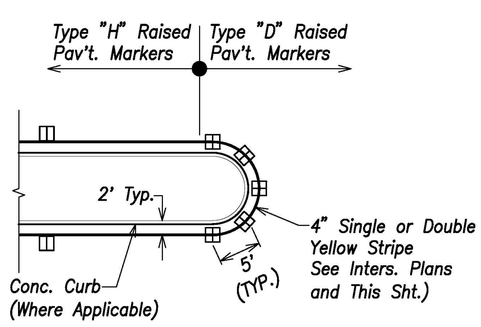


Type "D" Two-Way Reflective Marker
Type "H" One-Way Reflective Marker
Type "C" Red-Clear Reflective Marker

Standard Raised Pavement Markers
Not To Scale



Crosswalk Striping
Not To Scale



Typical Median Nose Delineation
Not To Scale

DATE	REVISION
07/15/22	5 Revise Detail and Callout
06/08/22	2 Revised Description; Revised Callout

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Pavement Marking Details – 1

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6935-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE April 30, 2024 EXPIRATION DATE OF THE LICENSE

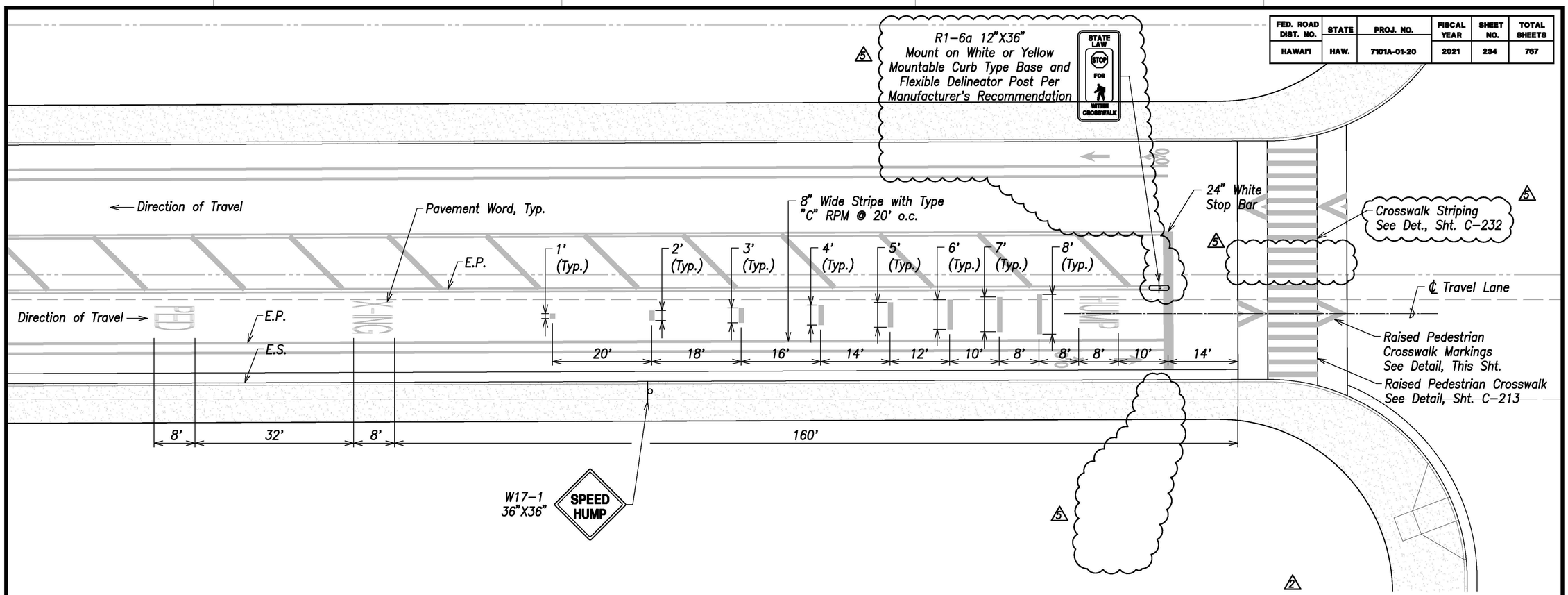
SHEET No. C-232 OF 767 SHEETS

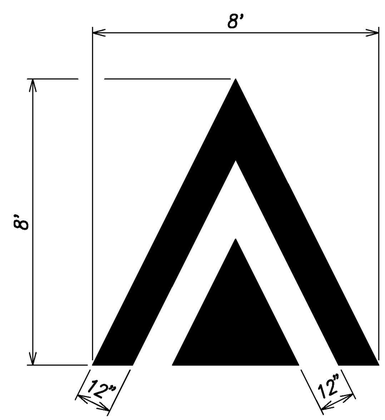
ADD. 233

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	SURVEY BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-232 Signing and Pavement Marking Details - 1.dwg saved July 1, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	234	767





Raised Pedestrian Crosswalk Markings

Not To Scale

Raised Pedestrian Crosswalk Pavement Marking and Signage Layout Plan

Scale: 1"=10'

Notes:

1. For remainder of signing and marking callouts, see Signing and Marking Plans.
2. Raised pedestrian crosswalk markings and words shall be centered on the centerline of the travel lane.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	SURVEY BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

DATE	REVISION
07/15/22	5 Rev. Sheet Ref., Callout and Sign. Del. Sign and Symbol
06/08/22	2 Revised Sheet

CRAIG W. L. LUKE
LICENSED PROFESSIONAL ENGINEER
No. 6635-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE — EXPIRATION DATE OF THE LICENSE: April 30, 2024

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Pavement Marking Details – 2

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown — Date: April 2022

SHEET No. C-233 OF 767 SHEETS

ADD. 234

FILE: K:\civil\23146 Farrington Hwy Widening\Dwg\Construction Dwgs\C-233 Signing and Pavement Marking Details - 2.dwg saved July 1, 2022