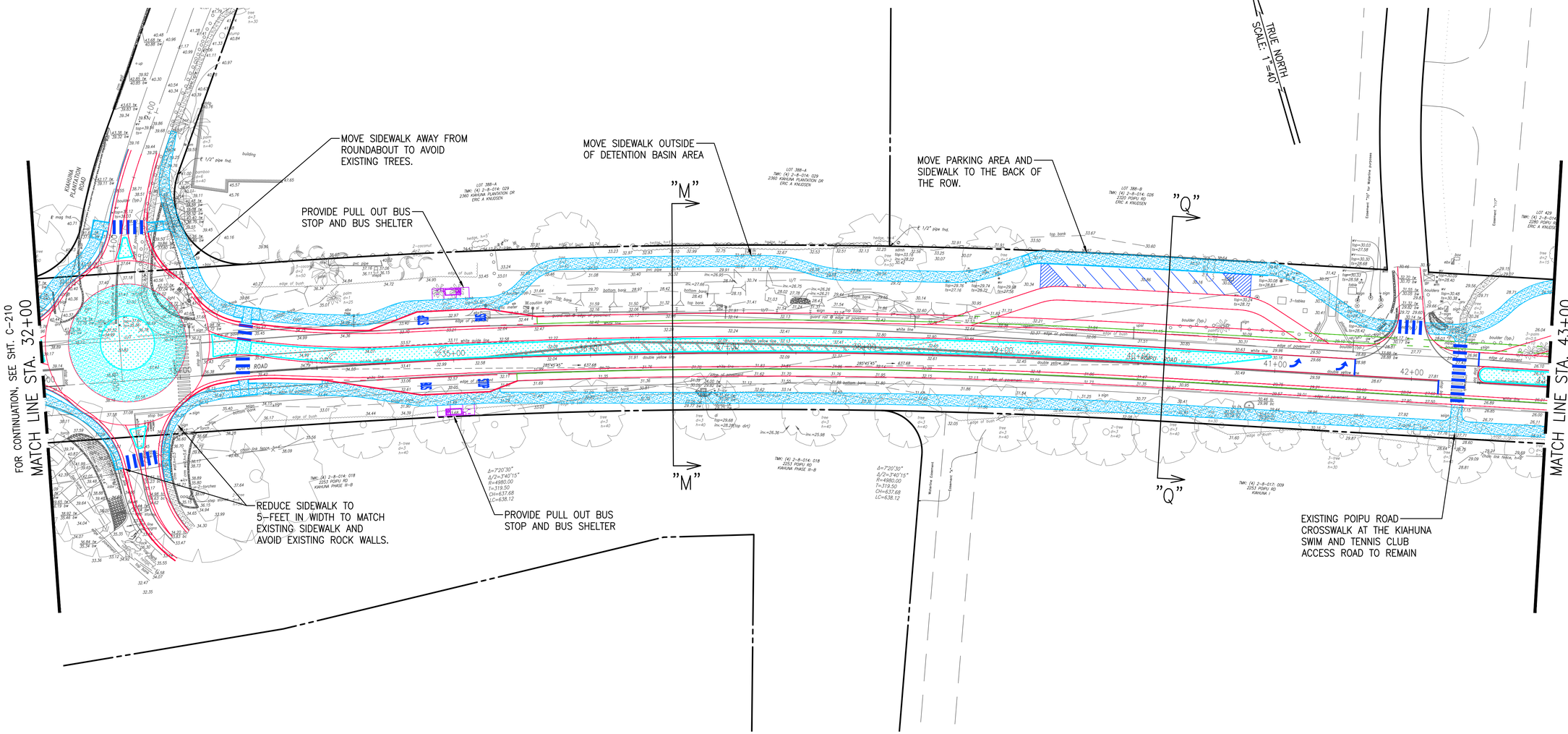
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



SECTION M–M SUMMARY:
8.0' – MULTI–USE PATH
VARIES – TREE BUFFER
6.0' – DRAINAGE SWALE
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – MEDIAN (10' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
12.0' – SWALE AND LANDSCAPING
8.0' – MULTI–USE PATH

SECTION Q–Q SUMMARY:
9.5' – MULTI–USE PATH
16.0' – DIAGONAL PARKING
10.0' – ACCESS LANE
14.0' – SHOULDER
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – MEDIAN (10' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
12.0' – SWALE AND LANDSCAPING
8.0' – MULTI–USE PATH

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-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 AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL–AID PROJECT NO. STP–5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST STA. 32+00 TO STA. 43+00

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-211
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(IF NOT 2-inches : Scale Accordingly)

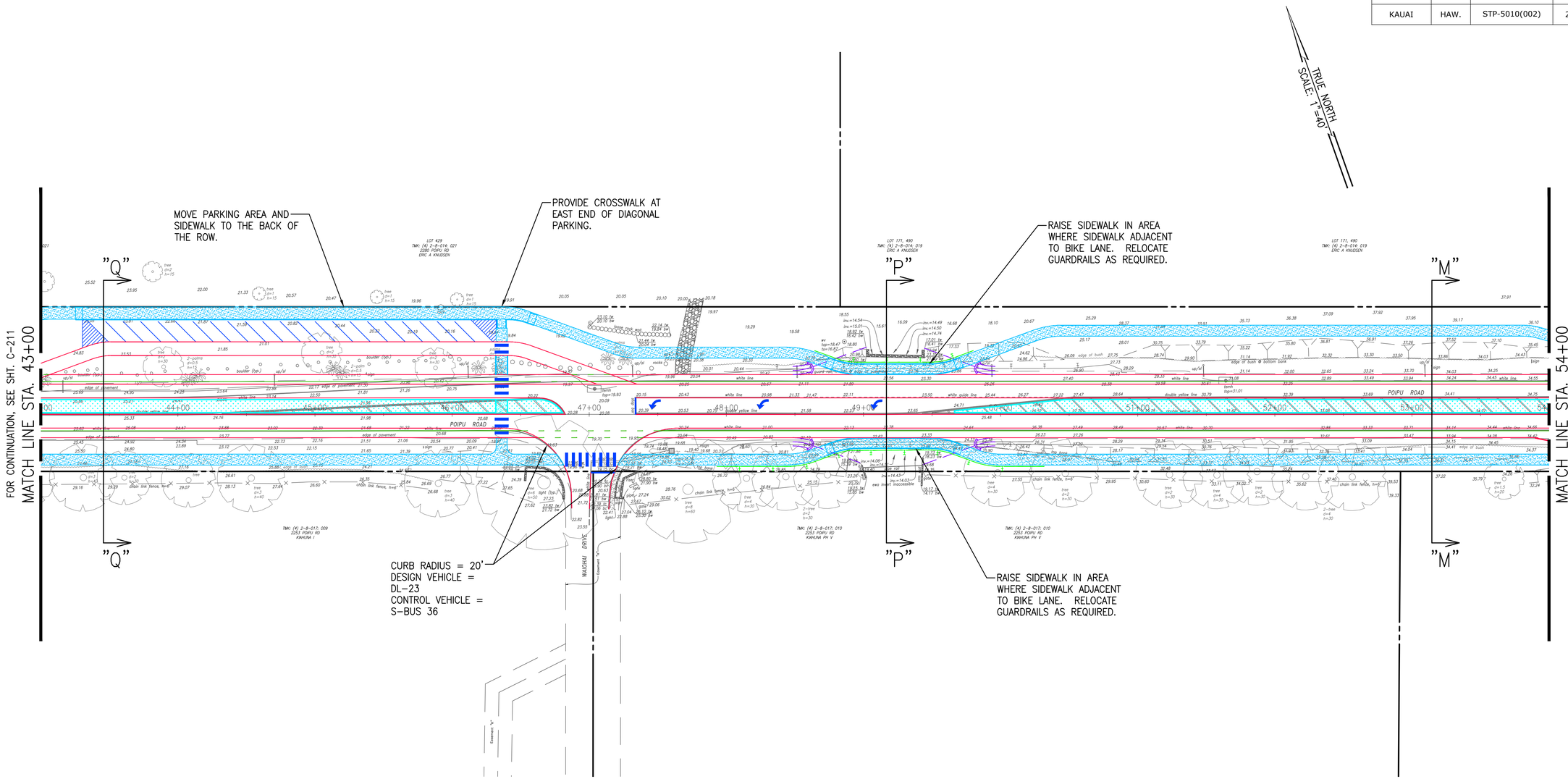
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

JOB NO. XX–XXX

Y:\2016\16-013\ENGINEERING\DWG\C-211 POIPU ROAD EAST STA. 32+00 TO STA. 43+00.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



SECTION Q–Q SUMMARY:
8.0' – MULTI–USE PATH
16.0' – DIAGONAL PARKING
10.0' – ACCESS LANE
14.0' – SHOULDER
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – MEDIAN (10' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
12.0' – SWALE AND LANDSCAPING
8.0' – MULTI–USE PATH

SECTION P–P SUMMARY:
8.0' – MULTI–USE PATH
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – LEFT TURN LANE
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
8.0' – MULTI–USE PATH

SECTION M–M SUMMARY:
8.0' – MULTI–USE PATH
VARIES – TREE BUFFER
6.0' – DRAINAGE SWALE
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – MEDIAN (10' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
12.0' – SWALE AND LANDSCAPING
8.0' – MULTI–USE PATH

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-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 AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL–AID PROJECT NO. STP–5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST STA. 43+00 TO STA. 54+00

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED | SUBMITTED BY
DATE | FIRM MEMBER | DATE

DWG. NO. C-212
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2–inches : Scale Accordingly)

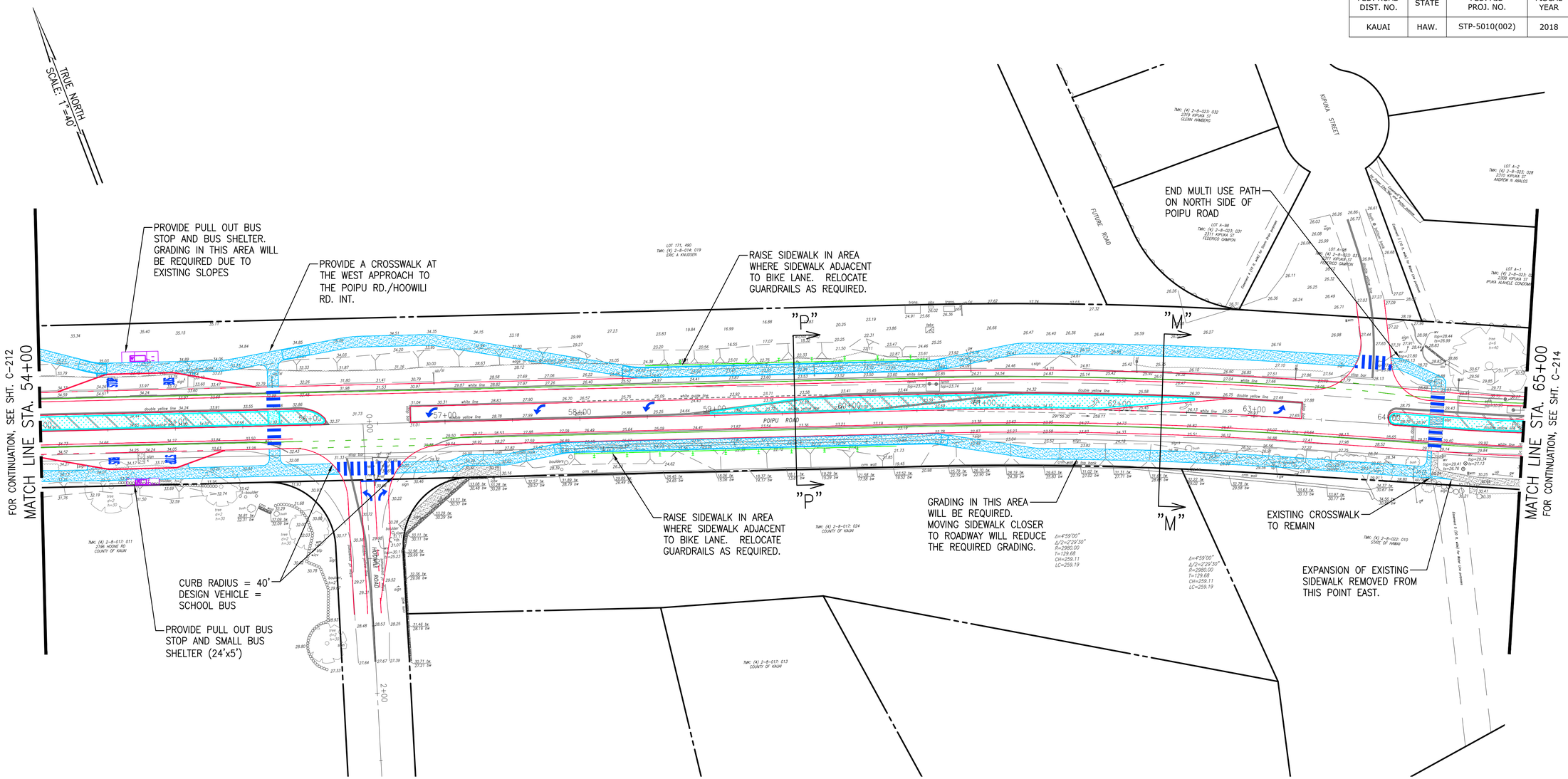
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

JOB NO. XX–XXX

Y:\2016\16-013\ENGINEERING\DWG\C-212 POIPU ROAD EAST STA. 43+00 TO STA. 54+00.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



SECTION M–M SUMMARY:
8.0' – MULTI–USE PATH
VARIES – TREE BUFFER
6.0' – DRAINAGE SWALE
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – MEDIAN (10' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
12.0' – SWALE AND LANDSCAPING
8.0' – MULTI–USE PATH

SECTION P–P SUMMARY:
8.0' – MULTI–USE PATH
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
12.0' – LEFT TURN LANE
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
8.0' – MULTI–USE PATH

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-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 AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL–AID PROJECT NO. STP–5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST STA. 54+00 TO STA. 65+00

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-213
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2–inches : Scale Accordingly)

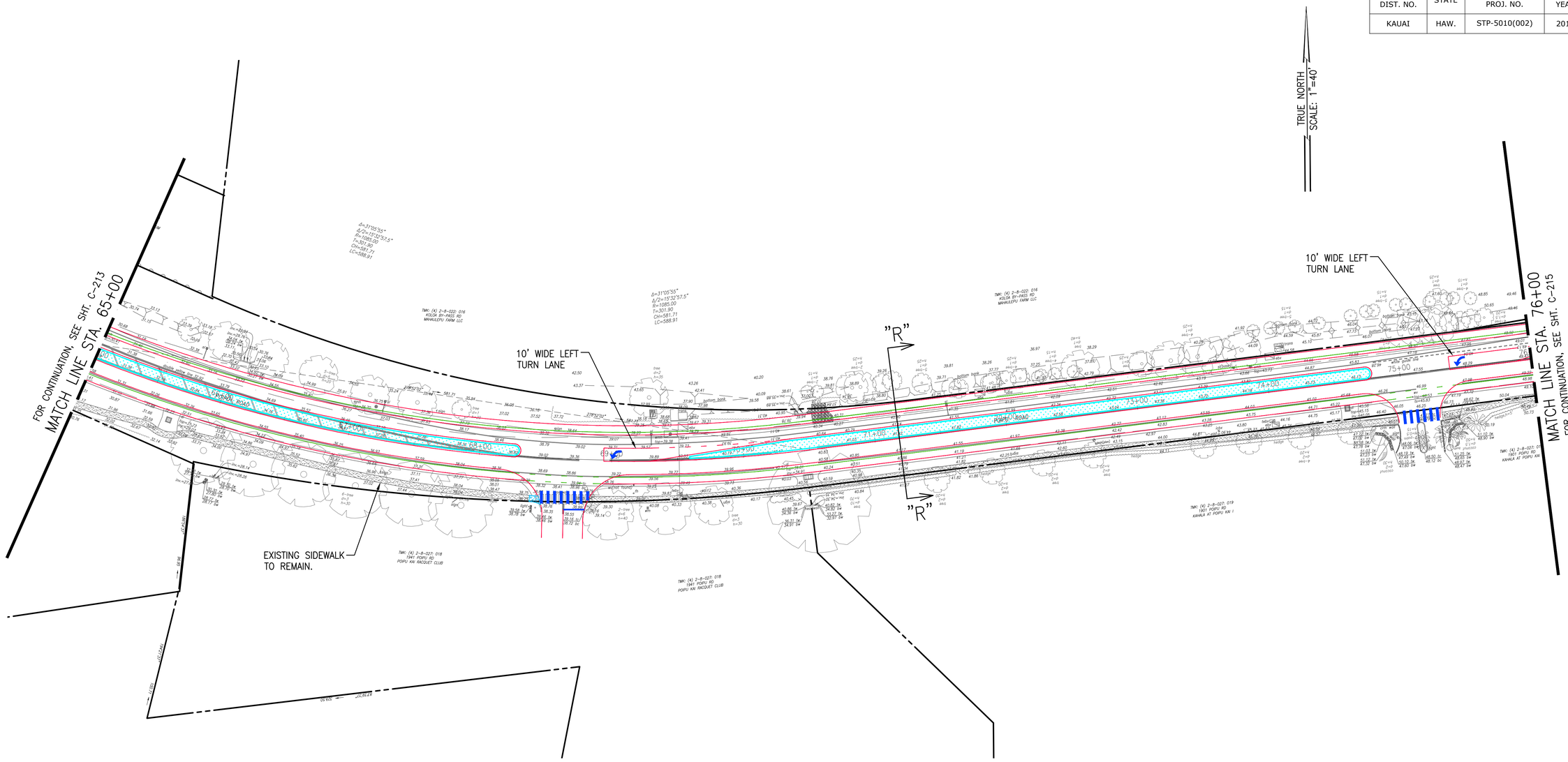
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

JOB NO. XX–XXX

Y:\2016\16-013\ENGINEERING\DWG\C-213 POIPU ROAD EAST STA. 54+00 TO STA. 65+00.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



SECTION R–R SUMMARY:
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
10.0' – MEDIAN (8' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
VARIES – DRAINAGE SWALE AND LANDSCAPING
5.0' – MULTI-USE PATH

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-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 AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST STA. 65+00 TO STA. 76+00

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-214
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

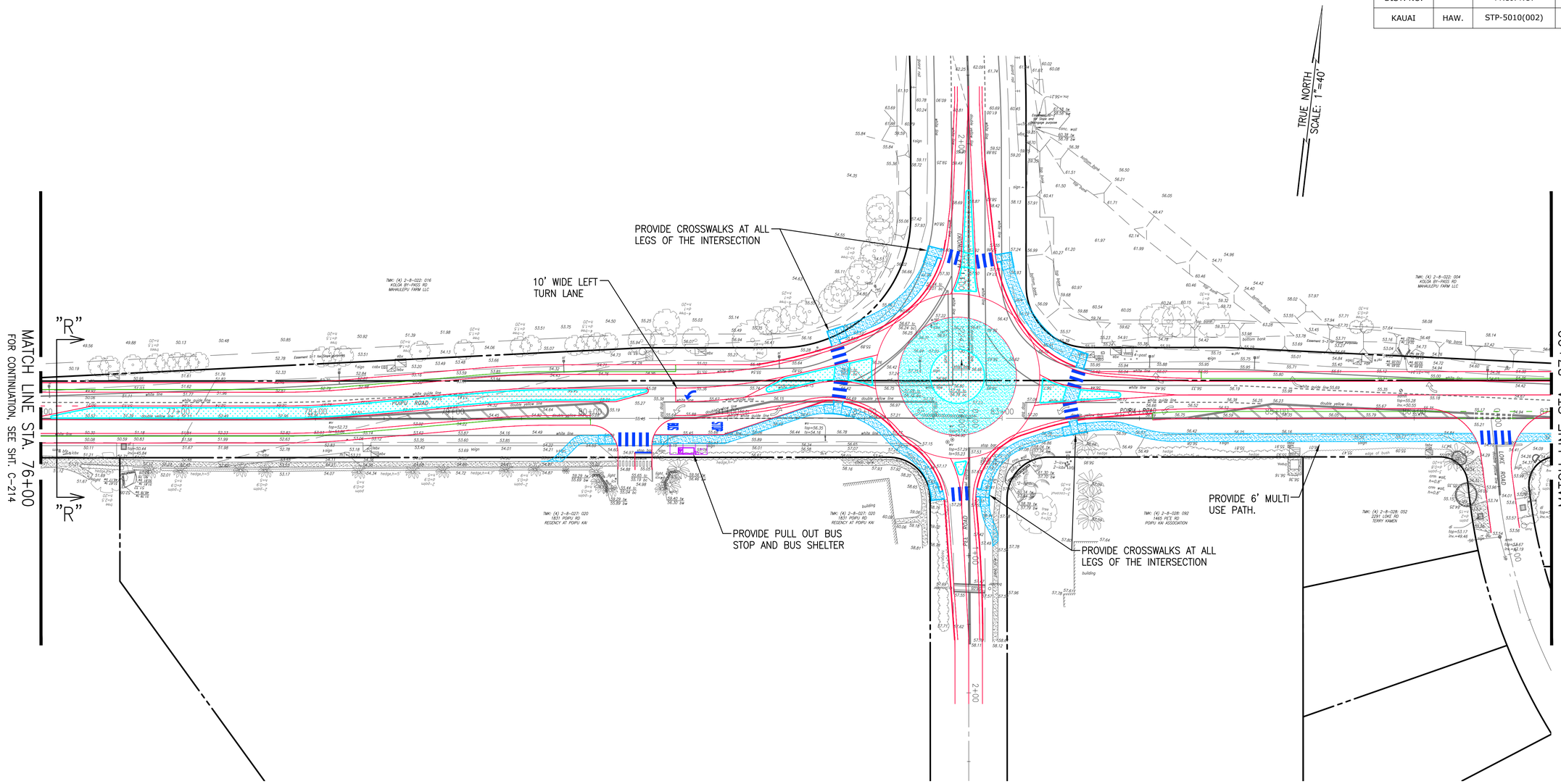
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

Y:\2016\16-013\ENGINEERING\DWG\C-214 POIPU ROAD EAST STA. 65+00 TO STA. 76+00.dwg; December 4, 2018

JOB NO. XX-XXX

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



SECTION R–R SUMMARY:
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
10.0' – MEDIAN (8' WIDE RAISED)
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
VARIES – DRAINAGE SWALE AND LANDSCAPING
8.0' – MULTI–USE PATH

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL–AID PROJECT NO. STP–5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST STA. 76+00 TO STA. 87+00

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-215
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(IF NOT 2–inches : Scale Accordingly)

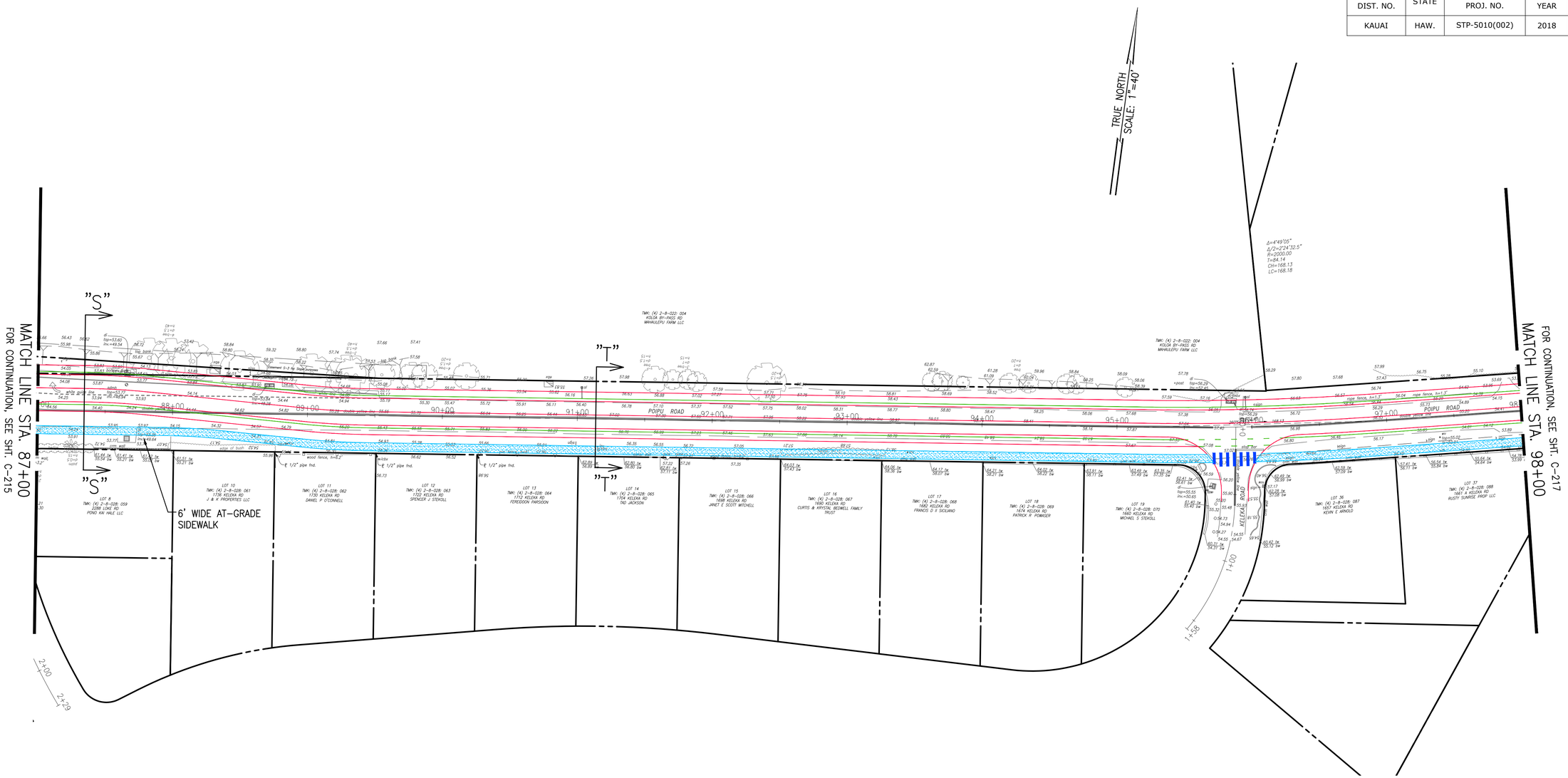
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

JOB NO. XX–XXX

Y:\2016\16-013\ENGINEERING\DWG\C-215 POIPU ROAD EAST STA. 76+00 TO STA. 87+00.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



SECTION S–S SUMMARY:
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
VARIES – DRAINAGE SWALE AND LANDSCAPING
6.0' – MULTI–USE PATH

SECTION T–T SUMMARY:
5.0' – DEDICATED BIKE LANE
2.0' – BUFFER
10.0' – TRAVEL WAY
10.0' – TRAVEL WAY
2.0' – BUFFER
5.0' – DEDICATED BIKE LANE
6.0' – DRAINAGE SWALE AND LANDSCAPING
6.0' – MULTI–USE PATH

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL–AID PROJECT NO. STP–5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST STA. 87+00 TO STA. 98+00

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-216
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

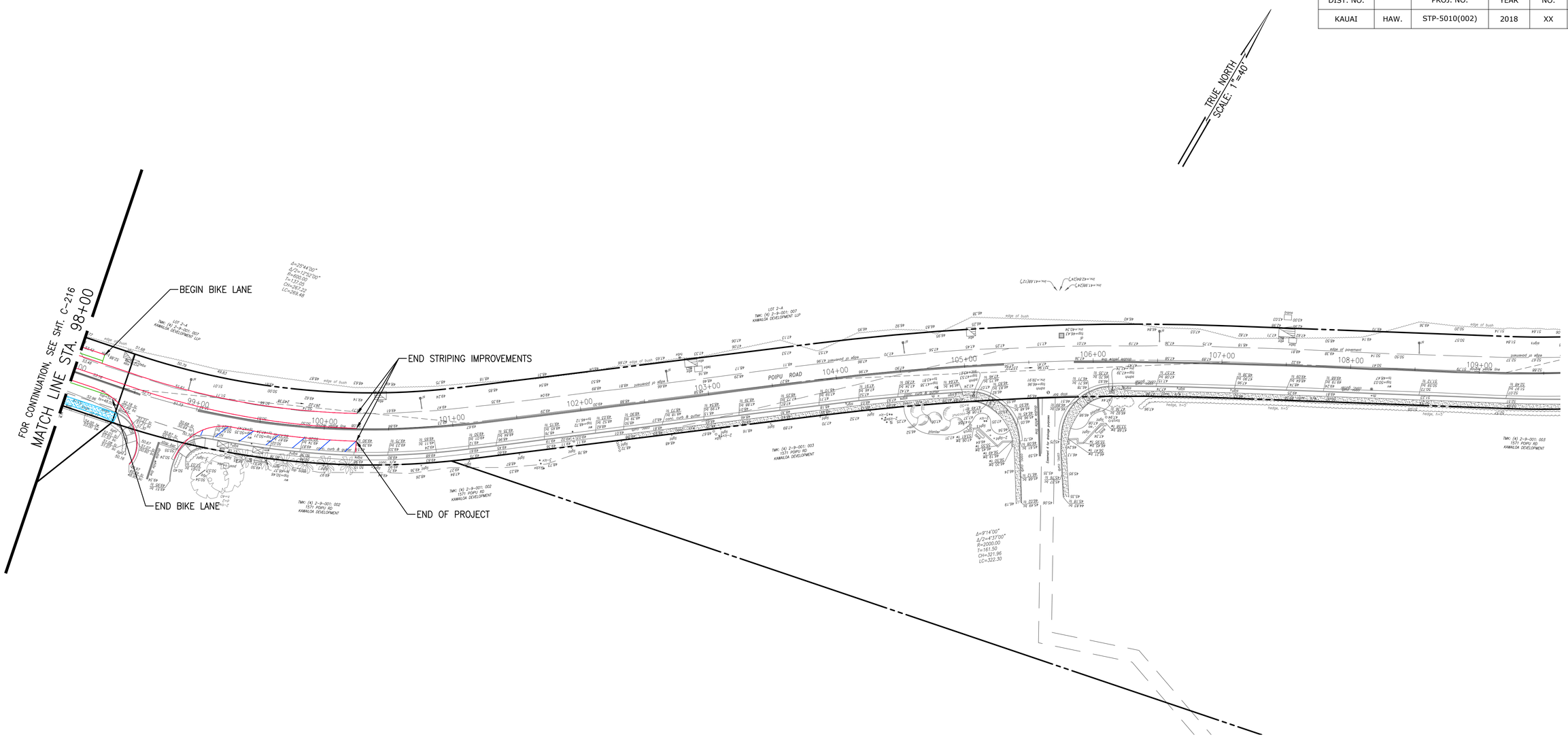
FILE	POCKET	FOLDER	NO.

DATE: XXXXXXXXXXXXX

JOB NO. XX–XXX

Y:\2016\16-013\ENGINEERING\DWG\C-216 POIPU ROAD EAST STA. 87+00 TO STA. 98+00.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



Y:\2016\16-013\ENGINEERING\DWG\C-217 POIPU ROAD EAST STA. 98+00 TO END.dwg; December 4, 2018

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-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 AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST
STA. 98+00 TO END

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-217
SHEET XX OF XX

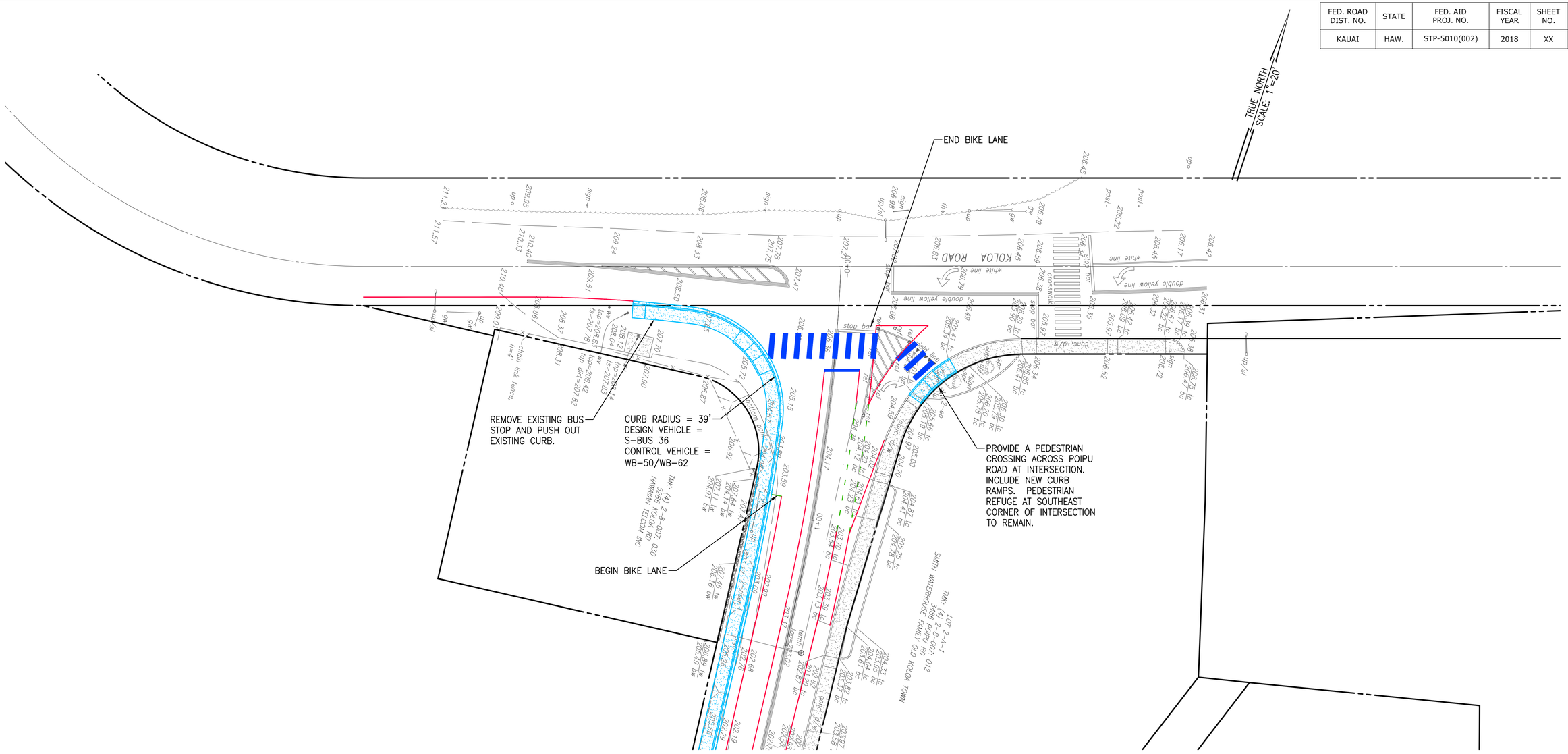
0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

JOB NO. XX-XXX

DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



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MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

OLD POIPU ROAD AND KOLOA ROAD INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-218
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

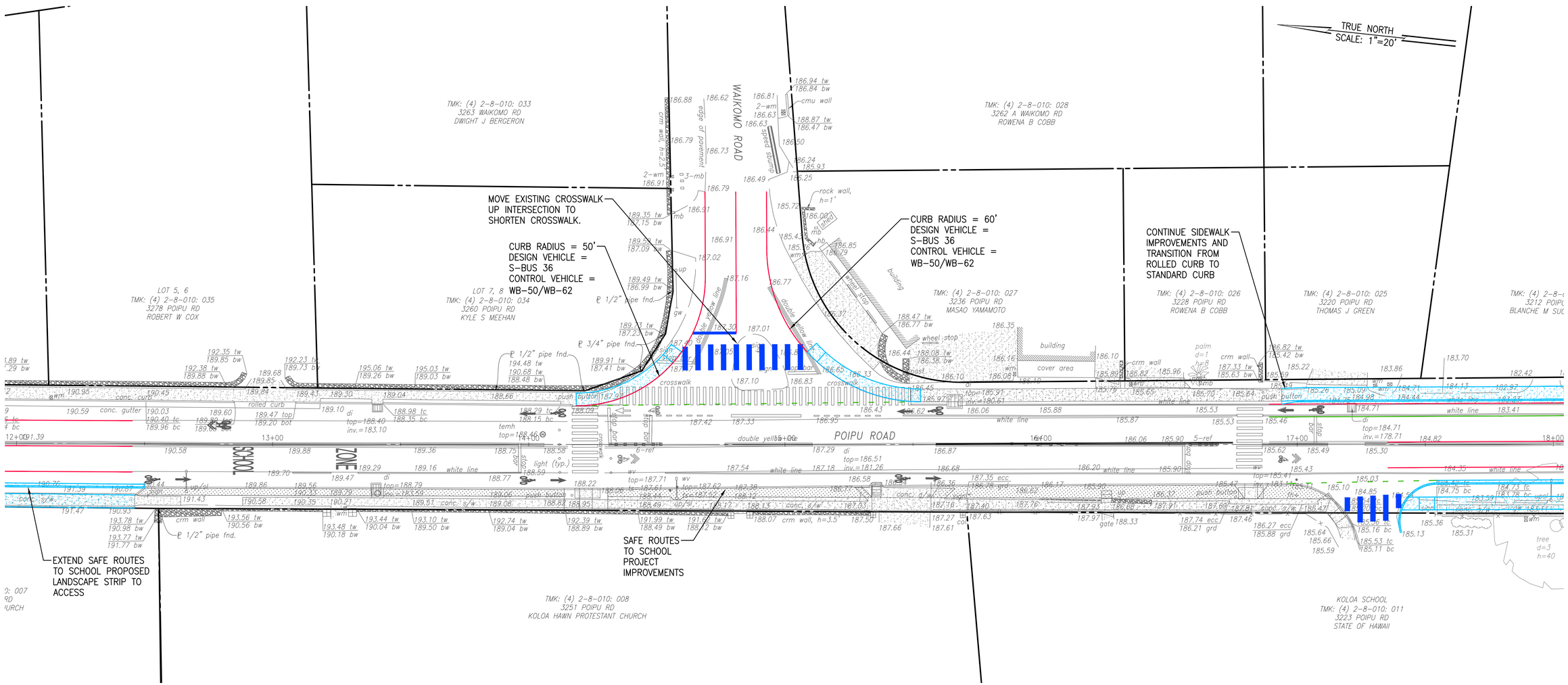
FILE	POCKET	FOLDER	NO.

DATE: XXXXXXXXXXXXX

JOB NO. XX-XXX

Y:\2016\16-013\ENGINEERING\DWG\C-218 OLD POIPU ROAD AND KOLOA ROAD INTERSECTION.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



Y:\2016\16-013\ENGINEERING\DWG\C-219 OLD POIPU ROAD AND WAIKOMO ROAD INTERSECTION.dwg; December 4, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

Austin Tsutsumi & ASSOCIATES INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

OLD POIPU ROAD AND WAIKOMO ROAD INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

DWG. NO. C-219
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

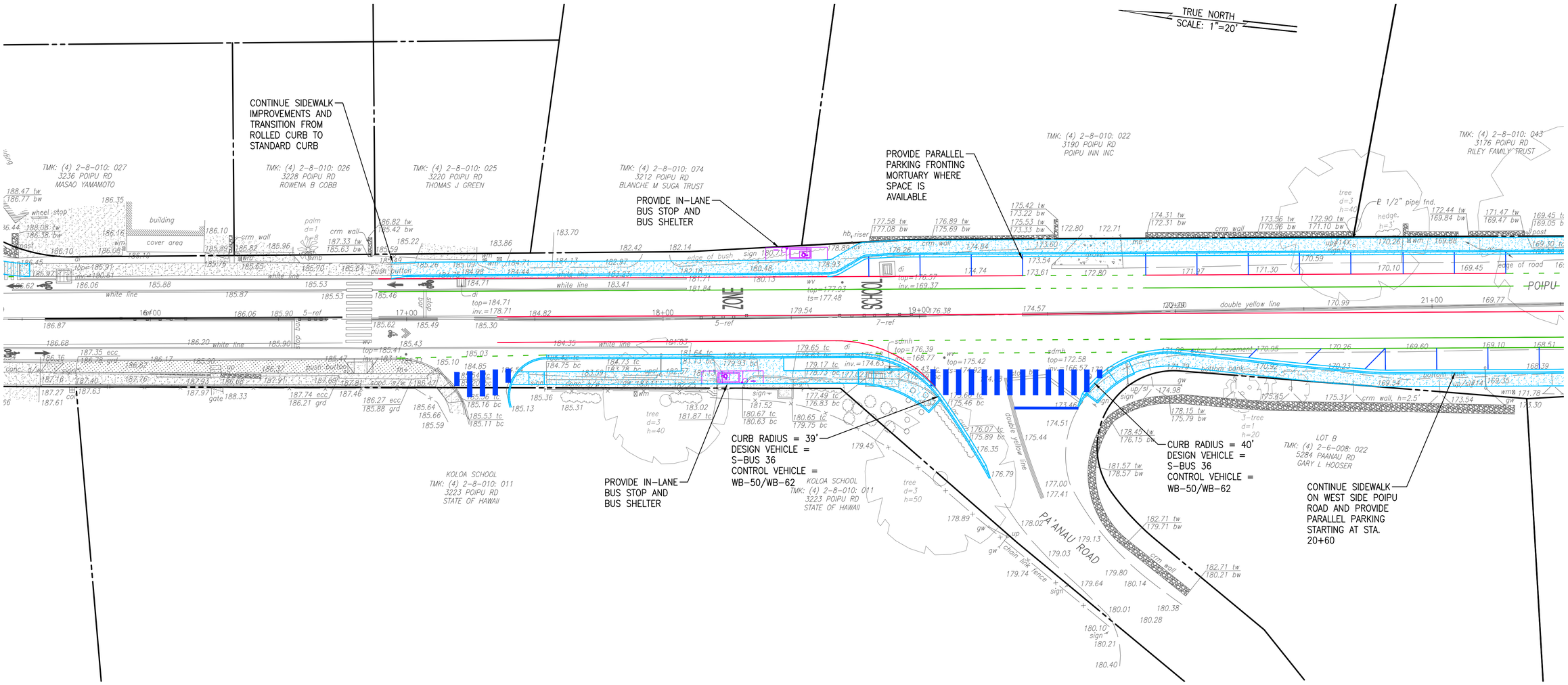
APPROVED | SUBMITTED BY
DATE | FIRM MEMBER | DATE

FILE	POCKET	FOLDER	NO.

JOB NO. XX-XXX

DATE: XXXXXXXXXXXXX

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



Y:\2016\16-013\ENGINEERING\DWG\C-220 OLD POIPU ROAD AND PAANAO ROAD INTERSECTION.dwg; December 4, 2018

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

OLD POIPU ROAD AND PAANAO ROAD INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-220
SHEET XX OF XX

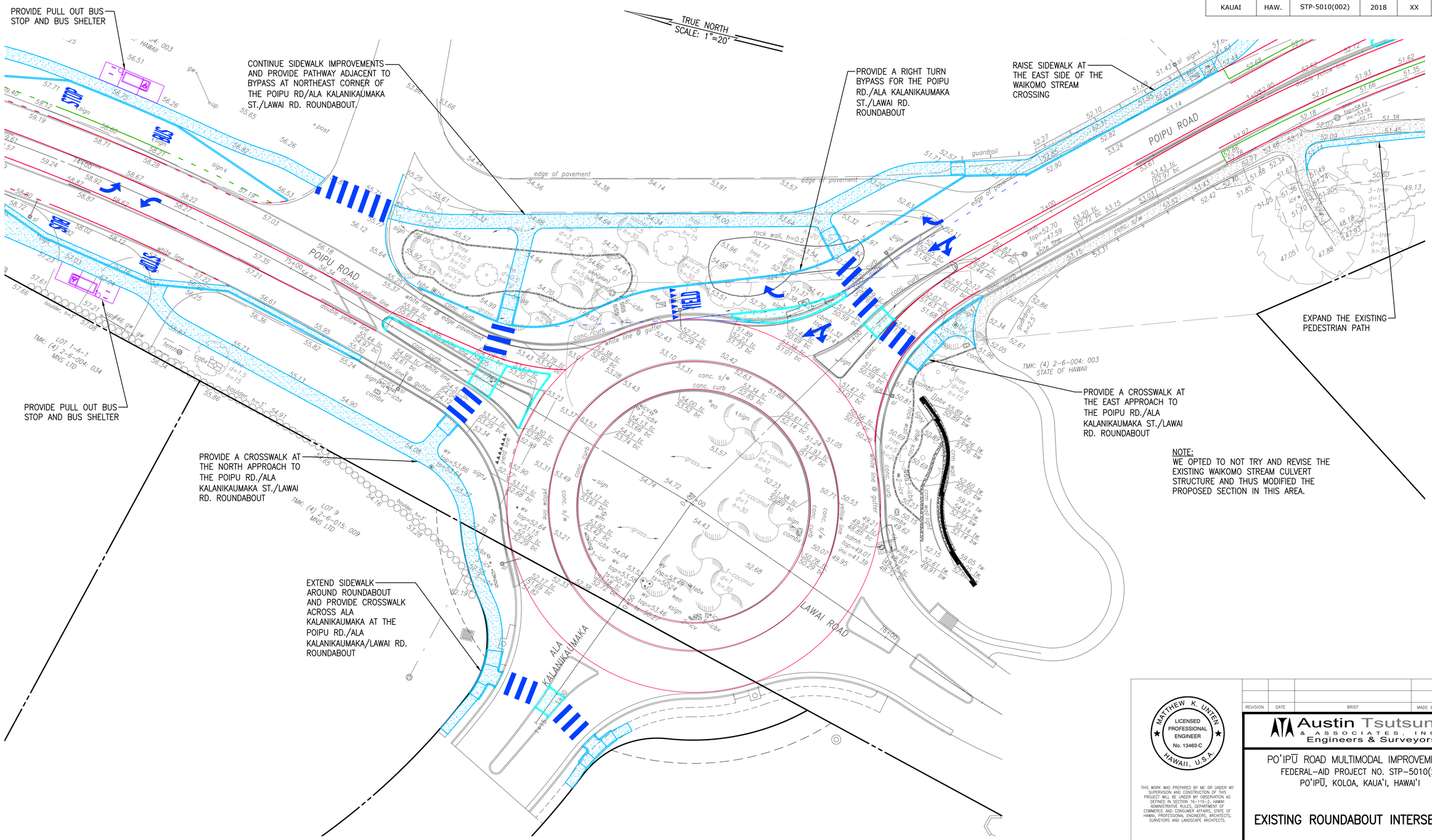
0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

JOB NO. XX-XXX

DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



NOTE:
WE OPTED TO NOT TRY AND REVISE THE EXISTING WAIKOMO STREAM CULVERT STRUCTURE AND THUS MODIFIED THE PROPOSED SECTION IN THIS AREA.

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-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 AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

EXISTING ROUNDABOUT INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-221
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

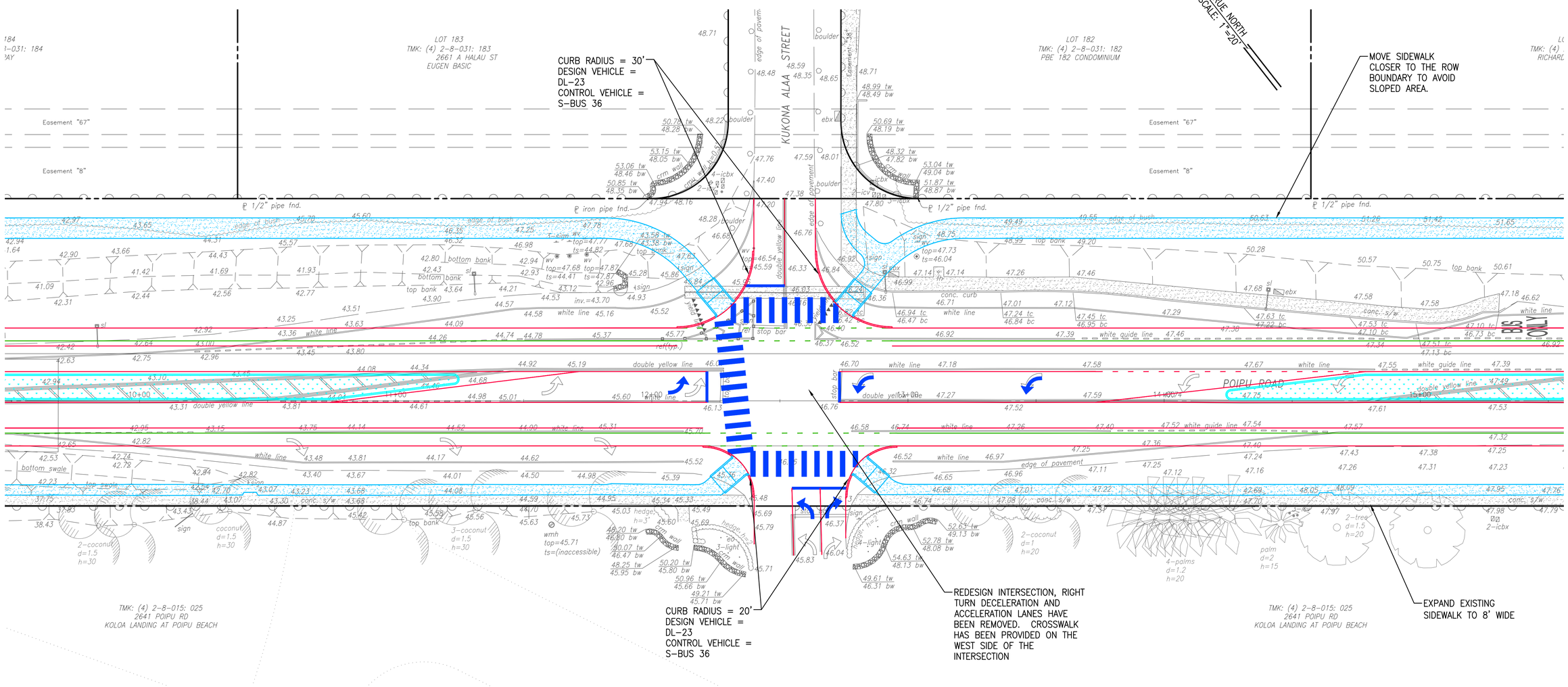
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

JOB NO. XX-XXX

Y:\2016\16-013\ENGINEERING\DWG\C-221 EXISTING ROUNDABOUT INTERSECTION.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



Y:\2016\16-013\ENGINEERING\DWG\C-222 POIPU ROAD EAST AND KUKONA AALA STREET INTERSECTION.dwg; December 4, 2018

JOB NO. XX-XXX

DWG. NO. C-222

SHEET XX OF XX

0 1 2

LINE IS 2 INCHES AT FULL SIZE
(IF NOT 2-inches : Scale Accordingly)

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST AND KUKONA AALA STREET INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

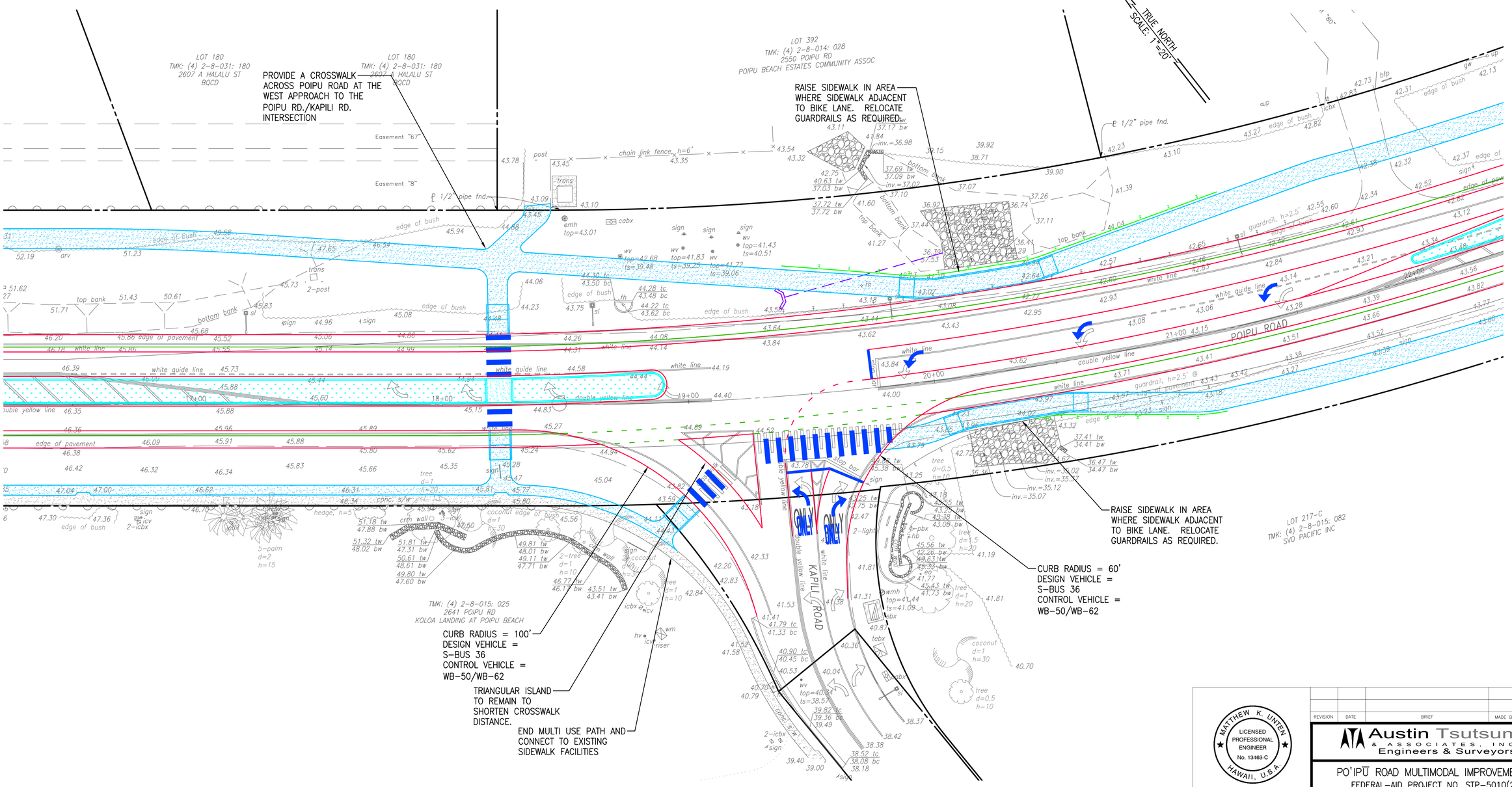
APPROVED — DATE

SUBMITTED BY — FIRM MEMBER — DATE

DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



Y:\2016\16-013\ENGINEERING\DWG\C-223 POIPU ROAD EAST AND KAPILI ROAD INTERSECTION.dwg; December 4, 2018

JOB NO. XX-XXX

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST AND KAPILI ROAD INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

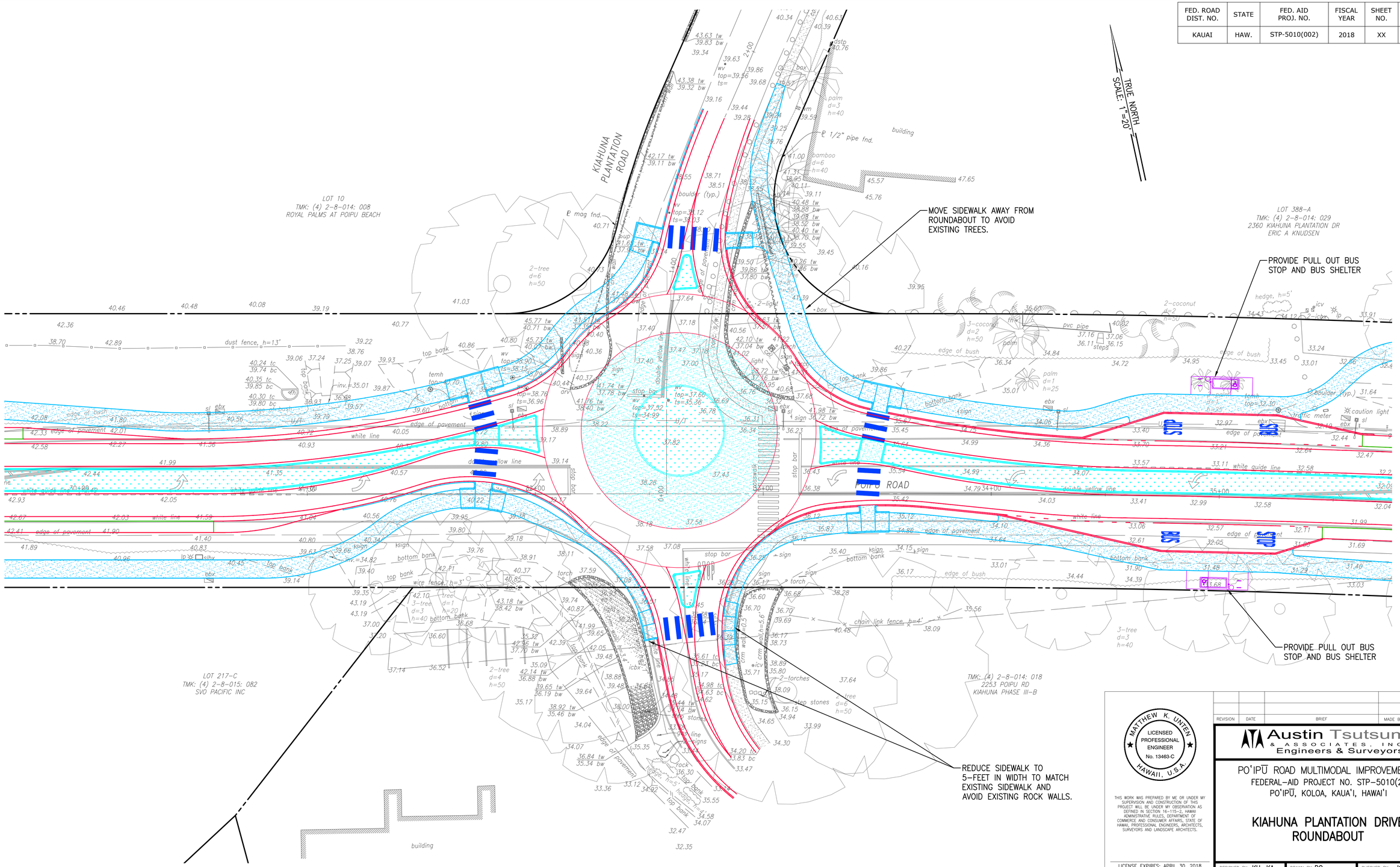
DWG. NO. C-223
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(IF NOT 2-inches : Scale Accordingly)

DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



REVISION	DATE	BRIEF	MADE BY	APPROVED

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

KIAHUNA PLANTATION DRIVE ROUNDABOUT

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED | SUBMITTED BY

DATE | FIRM MEMBER | DATE

DWG. NO. C-224

SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(IF NOT 2-inches : Scale Accordingly)

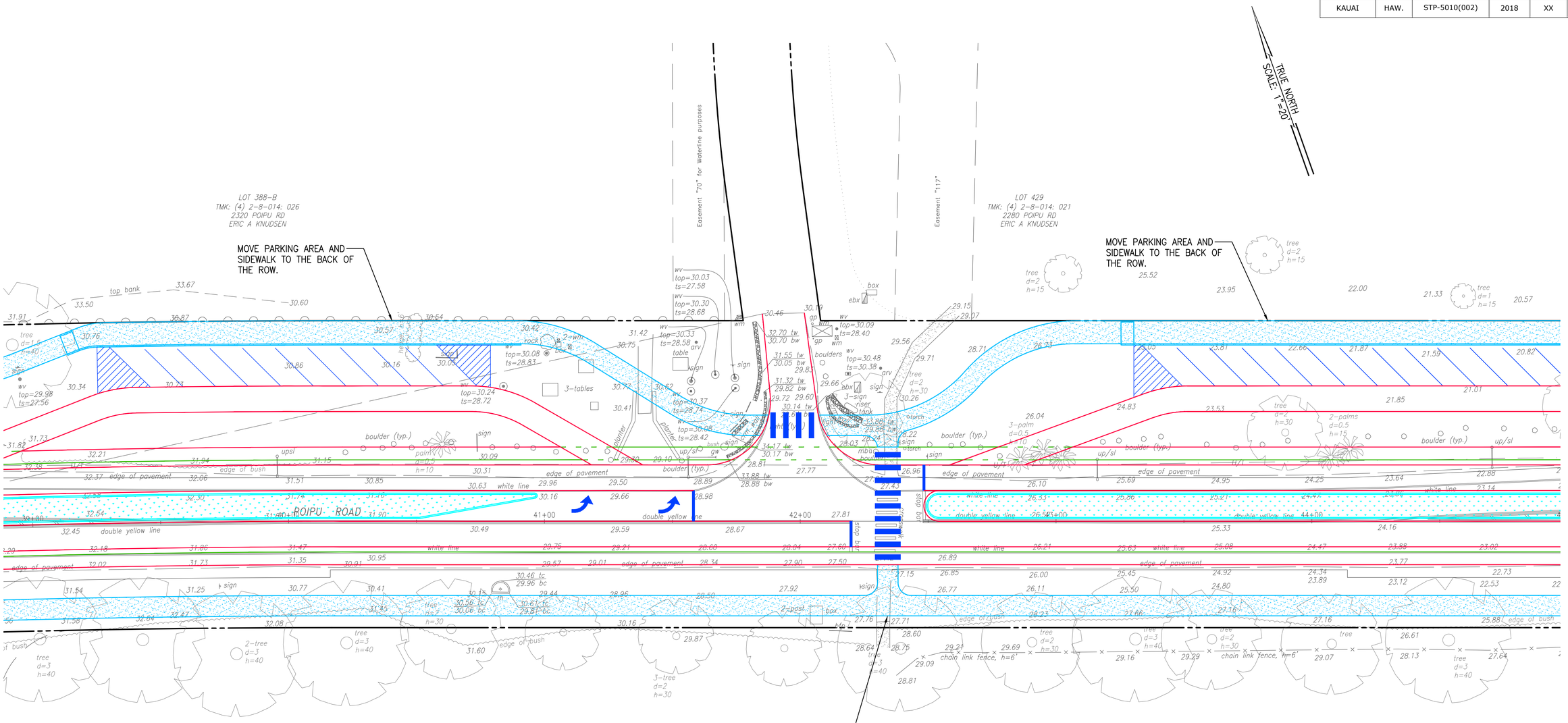
FILE	POCKET	FOLDER	NO.

DATE: XXXXXXXXXXXXX

JOB NO. XX-XXX

Y:\2016\16-013\ENGINEERING\DWG\C-224 KIAHUNA PLANTATION DRIVE ROUNDABOUT.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



REVISION	DATE	BRIEF	MADE BY	APPROVED

MATTHEW K. UNTEN
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No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST AND KIAHUNA TENNIS CLUB INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE

SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-225
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

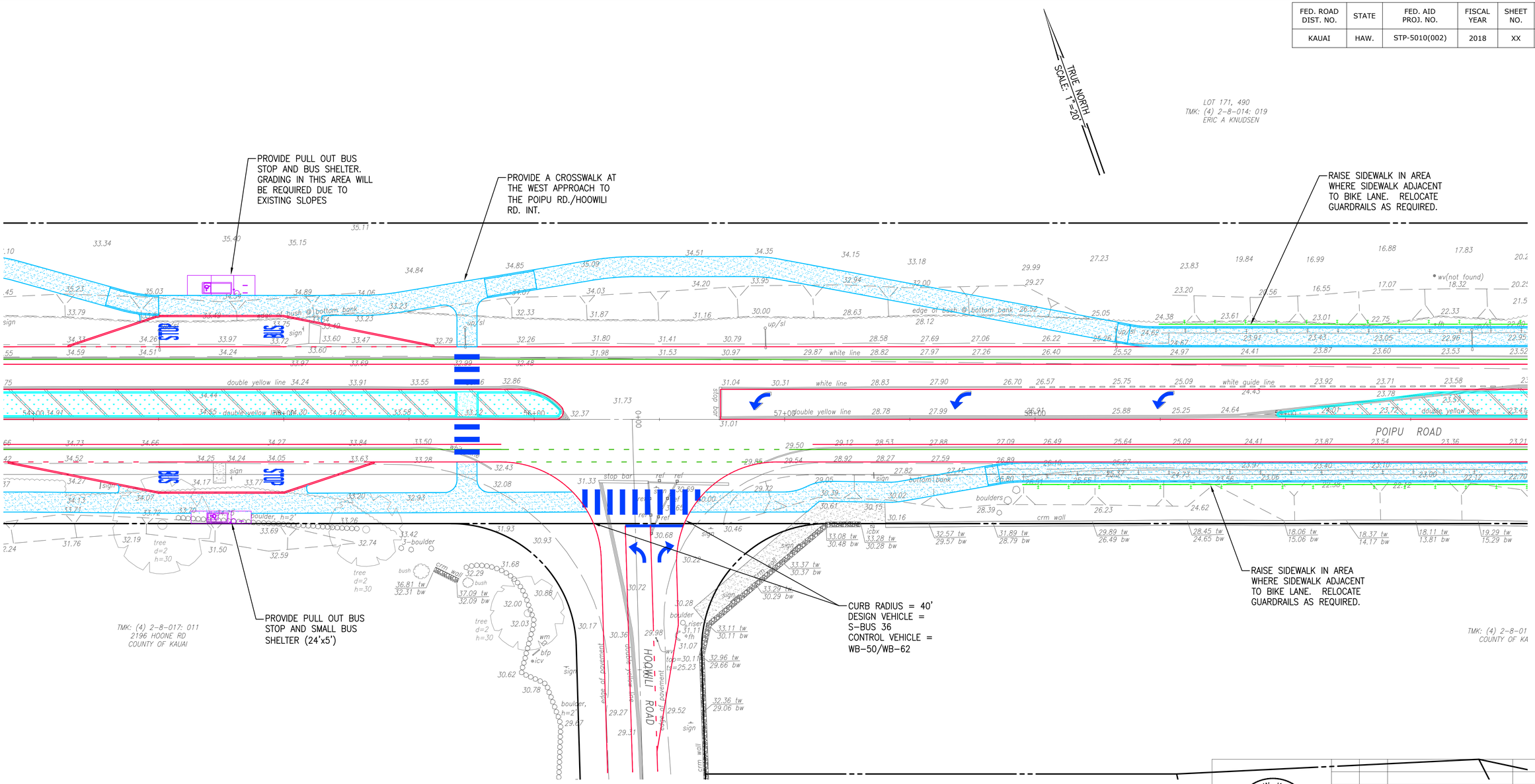
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

Y:\2016\16-013\ENGINEERING\DWG\C-225 POIPU ROAD EAST AND KIAHUNA TENNIS CLUB INTERSECTION.dwg; December 4, 2018

JOB NO. XX-XXX

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST AND HOOWILI ROAD INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-226
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

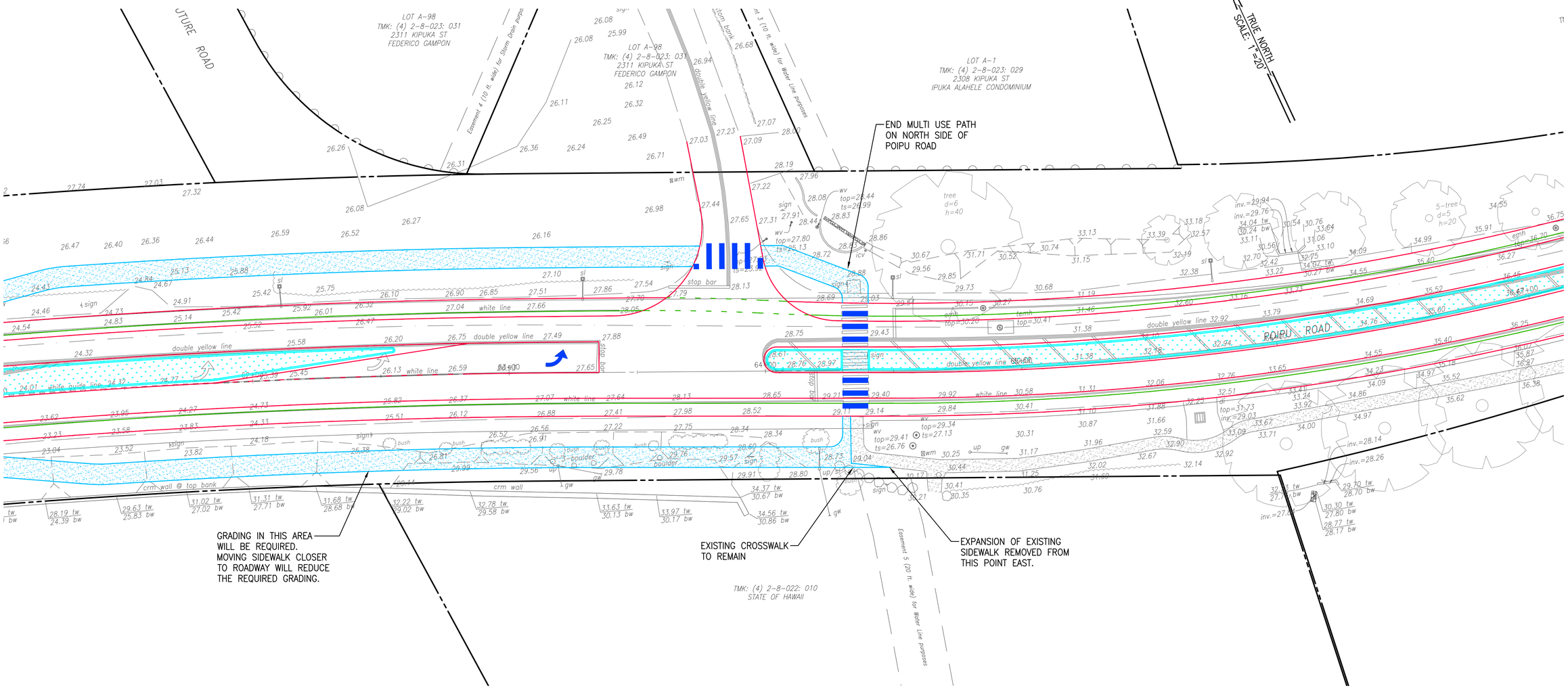
FILE	POCKET	FOLDER	NO.

DATE: XXXXXXXXXXXXX

JOB NO. XX-XXX

Y:\2016\16-013\ENGINEERING\DWG\C-226 POIPU ROAD EAST AND HOOWILI ROAD INTERSECTION.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



MATTHEW K. UNTEN
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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

POIPU ROAD EAST AND KIPUKA STREET INTERSECTION

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-227
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

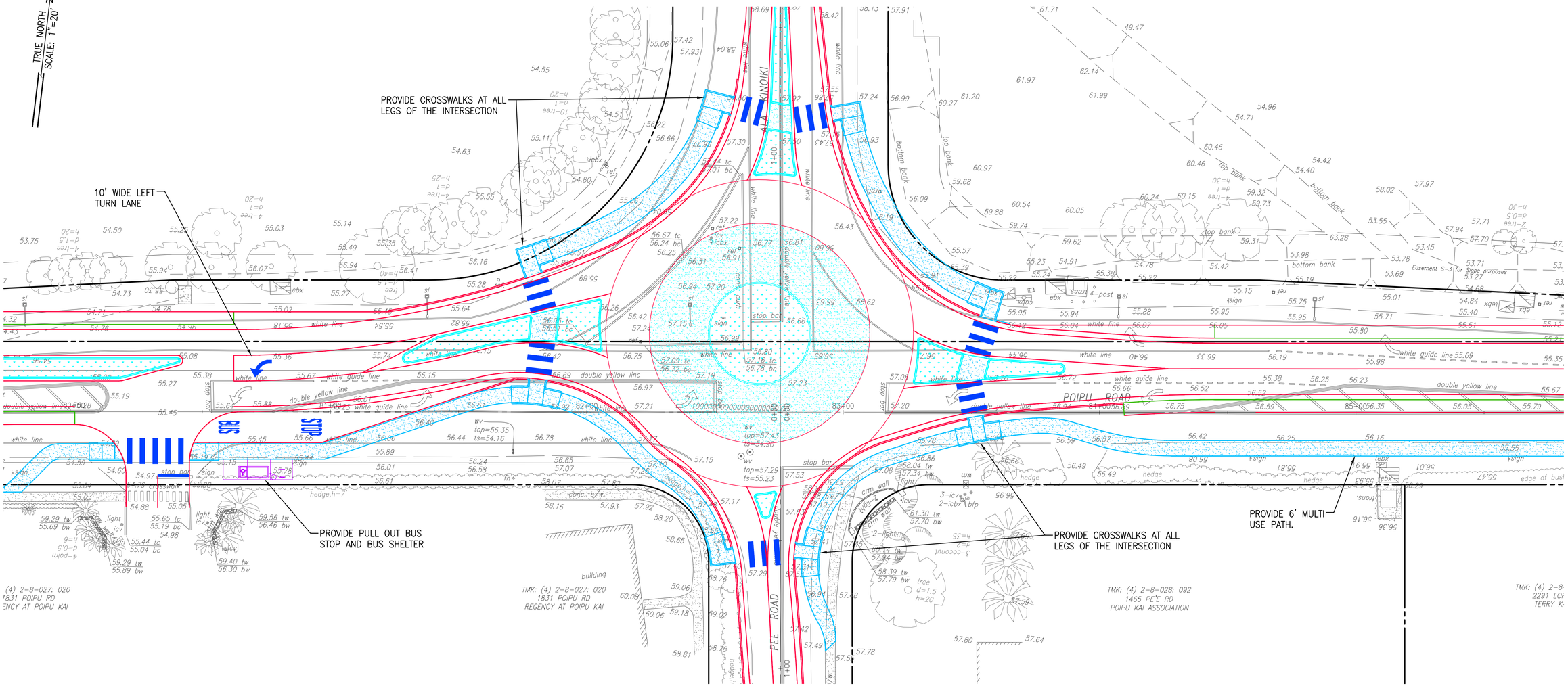
DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.

JOB NO. XX-XXX

Y:\2016\16-013\ENGINEERING\DWG\C-227 POIPU ROAD EAST AND KIPUKA STREET INTERSECTION.dwg; December 4, 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-5010(002)	2018	XX	XX



Y:\2016\16-013\ENGINEERING\DWG\C-228 ALA KINOKI ROUNDABOUT.dwg; December 4, 2018

JOB NO. XX-XXX

MATTHEW K. UNTEN
LICENSED PROFESSIONAL ENGINEER
No. 13463-C
HAWAII, U.S.A.

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LICENSE EXPIRES: APRIL 30, 2018

REVISION	DATE	BRIEF	MADE BY	APPROVED

Austin Tsutsumi & ASSOCIATES, INC.
Engineers & Surveyors

PO'IPŪ ROAD MULTIMODAL IMPROVEMENTS
FEDERAL-AID PROJECT NO. STP-5010(2)
PO'IPŪ, KOLOA, KAUA'I, HAWAI'I

ALA KINOKI ROUNDABOUT

DESIGNED BY KU, KA | DRAWN BY DO | CHECKED BY KU

APPROVED — DATE
SUBMITTED BY — FIRM MEMBER — DATE

DWG. NO. C-228
SHEET XX OF XX

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(If NOT 2-inches : Scale Accordingly)

DATE: XXXXXXXXXXXXX

FILE	POCKET	FOLDER	NO.