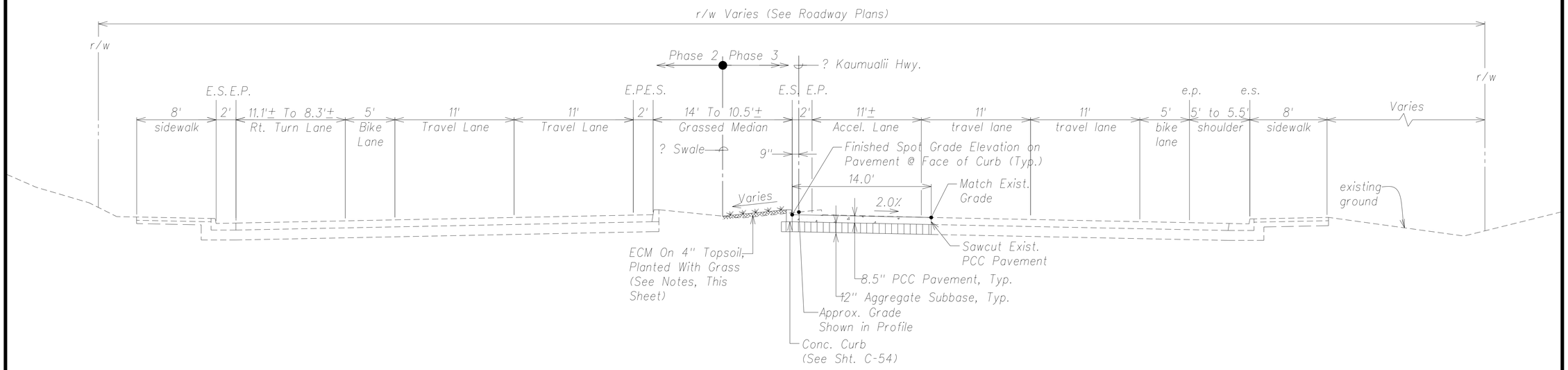
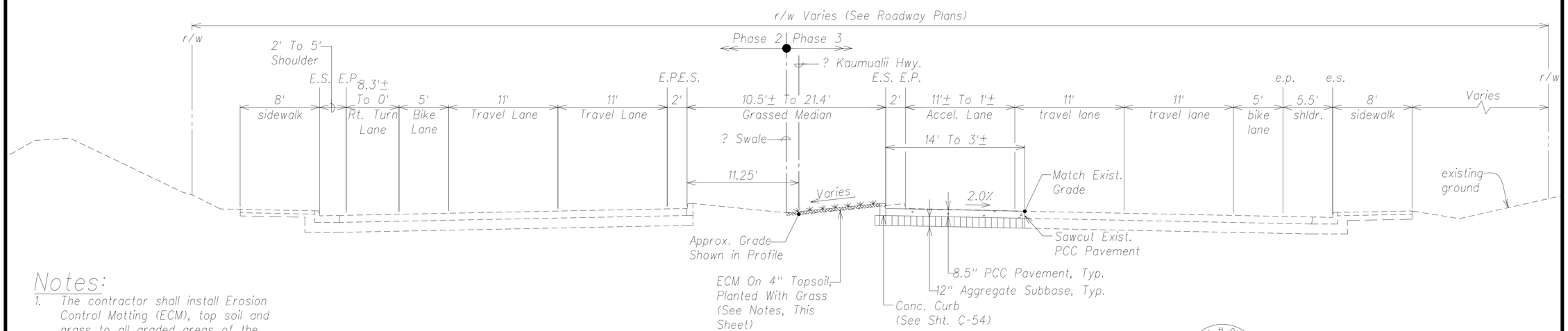
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (Sta. 358+28± To Sta. 359+95.00)
Scale: 1" = 5'



Typical Section - (Sta. 359+95.00 To Sta. 361+06±)
Scale: 1" = 5'

Notes:

1. The contractor shall install Erosion Control Matting (ECM), top soil and grass to all graded areas of the project that are to be permanent improvements, except top soil shall not be installed where slopes are 3H:1V or greater.
2. Erosion Control Matting (ECM) shall be installed per the manufacturer's recommendations.
3. See Landscaping Drawings for topsoil and planting requirements.

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

Graphic Scale:
1" = 5'
5' 0 5' 10'
Scale in Feet

MICHAEL H. OKAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 8624-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.

April 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET
PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

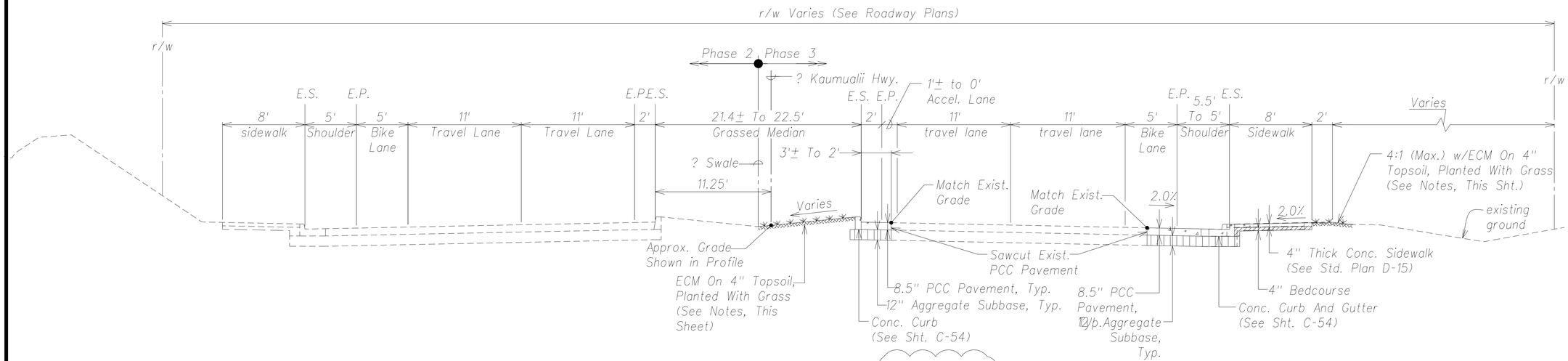
Scale: As Shown Date: May 2, 2014

SHEET No. C-14 OF 82 SHEETS

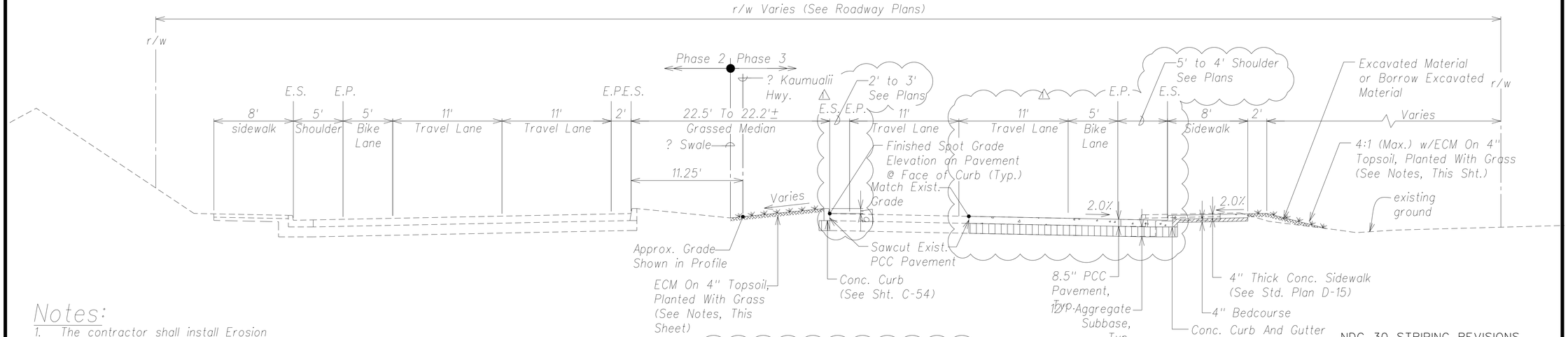
"AS-BUILT"

Model

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (Sta. 361+06± To Sta. 362+47.1±)
Scale: 1" = 5'



Typical Section - (Sta. 362+47.1± To Sta. 363+36.8±)
Scale: 1" = 5'

Notes:

1. The contractor shall install Erosion Control Matting (ECM), top soil and grass to all graded areas of the project that are to be permanent improvements, except top soil shall not be installed where slopes are 3H:1V or greater.
2. Erosion Control Matting (ECM) shall be installed per the manufacturer's recommendations.
3. See Landscaping Drawings for topsoil and planting requirements.

Graphic Scale:
1" = 5' 5' 0 5' 10'
Scale in Feet

NDC 30 STRIPING REVISIONS

Date	Revision
4/6/15	Rev. for addt'l PCC pav't. and sidewalk. Rev. striping.

MICHAEL H. OKAMOTO
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HAWAII, U.S.A.

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SIGNATURE April 30, 2016
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAI'I
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET

PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

Scale: As Shown Date: May 2, 2014

SHEET No. C-15 OF 82 SHEETS

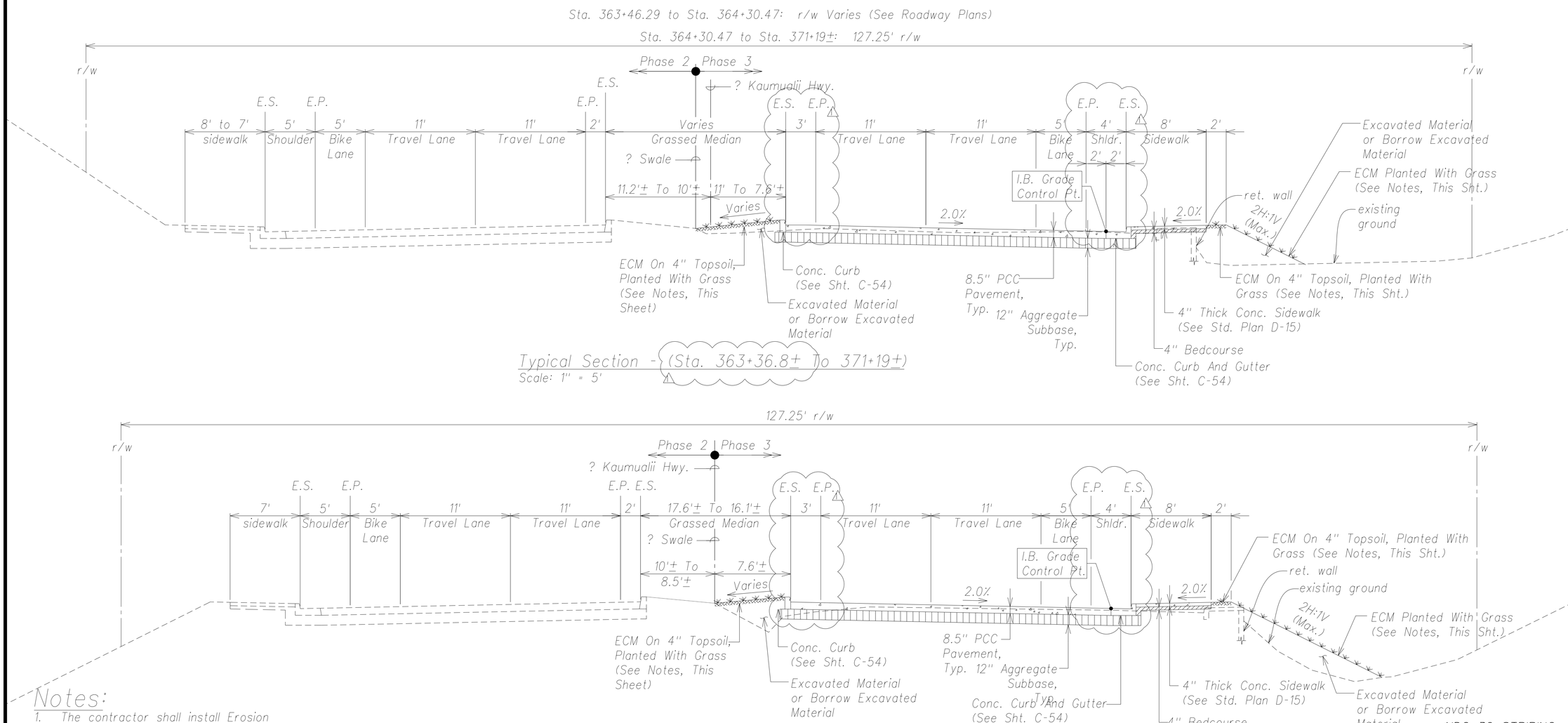
ORIGINAL PLAN | NOTE BOOK No. | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

FILE: C:\Users\tsoaiS\Desktop\Drawing1.dwg saved April 7, 2016

"AS-BUILT"

C.M. Model S1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (Sta. 363+36.8± To 371+19±)
Scale: 1" = 5'

Typical Section - (Sta. 371+19± To 371+47.7±)
Scale: 1" = 5'

Notes:

1. The contractor shall install Erosion Control Matting (ECM), top soil and grass to all graded areas of the project that are to be permanent improvements, except top soil shall not be installed where slopes are 3H:1V or greater.
2. Erosion Control Matting (ECM) shall be installed per the manufacturer's recommendations.
3. See Landscaping Drawings for topsoil and planting requirements.

Graphic Scale:
1" = 5'
5' 0 5' 10'
Scale in Feet

MICHAEL H. OKAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 8624-C
HAWAII, U.S.A.

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SIGNATURE
April 30, 2016
EXPIRATION DATE OF THE LICENSE

NDC 30 STRIPING REVISIONS

Date	Revision
4/6/15	Revise striping.

STATE OF HAWAI'I
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET

PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

Scale: As Shown
Date: May 2, 2014

SHEET No. C-16 OF 82 SHEETS

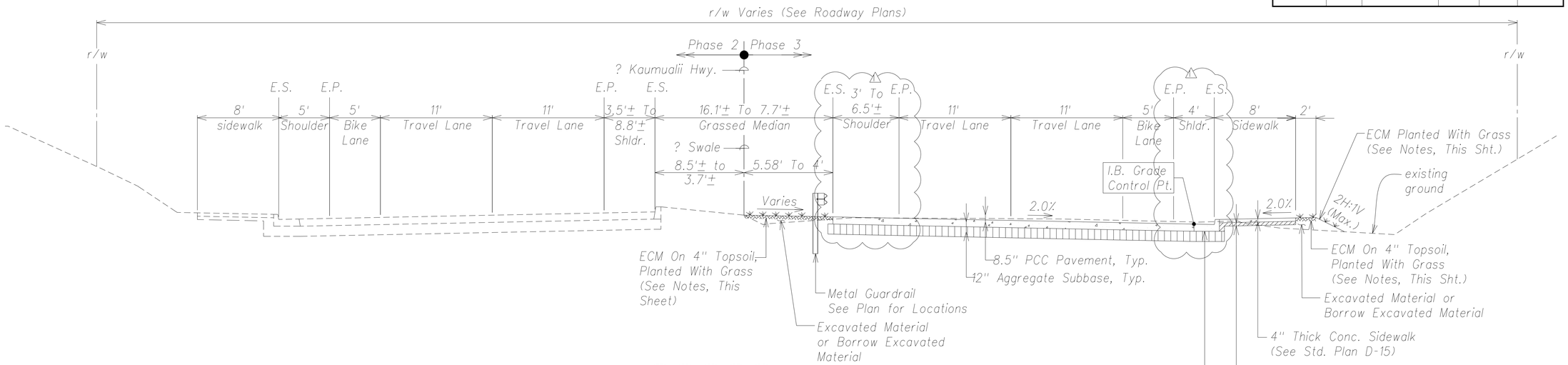
ORIGINAL PLAN
NOTE BOOK No.
SURVEY PLOTTED BY
DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
DATE

"AS-BUILT"

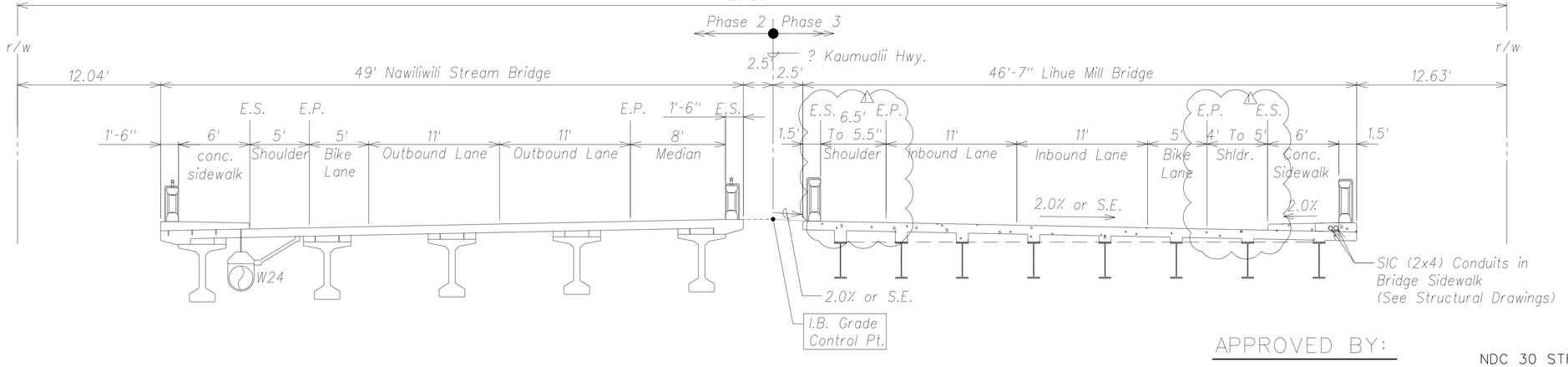
C.Model S1

FILE: C:\Users\lsaahs\Desktop\Drawing1.dwg saved April 7, 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (Sta. 371+47.7± To 372+81± (Lihue Mill Bridge))
Scale: 1" = 5'



Typical Section - (Lihue Mill Bridge)
Scale: 1" = 5'

Notes:

1. The contractor shall install Erosion Control Matting (ECM), top soil and grass to all graded areas of the project that are to be permanent improvements, except top soil shall not be installed where slopes are 3H:1V or greater.
2. Erosion Control Matting (ECM) shall be installed per the manufacturer's recommendations.
3. See Landscaping Drawings for topsoil and planting requirements.

APPROVED BY:

NDC 30 STRIPING REVISIONS

SANDWICH ISLES COMMUNICATIONS, INC. DATE

MICHAEL H. OKAMOTO LICENSED PROFESSIONAL ENGINEER No. 8624-C HAWAII, U.S.A.

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April 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

Date	Revision
4/6/15	Revise striping.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY LIHUE MILL BRIDGE TO RICE STREET

PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

Scale: As Shown Date: May 2, 2014

Graphic Scale:
1" = 5' 5' 0 5' 10'
Scale in Feet

SHEET No. C-17 OF 82 SHEETS

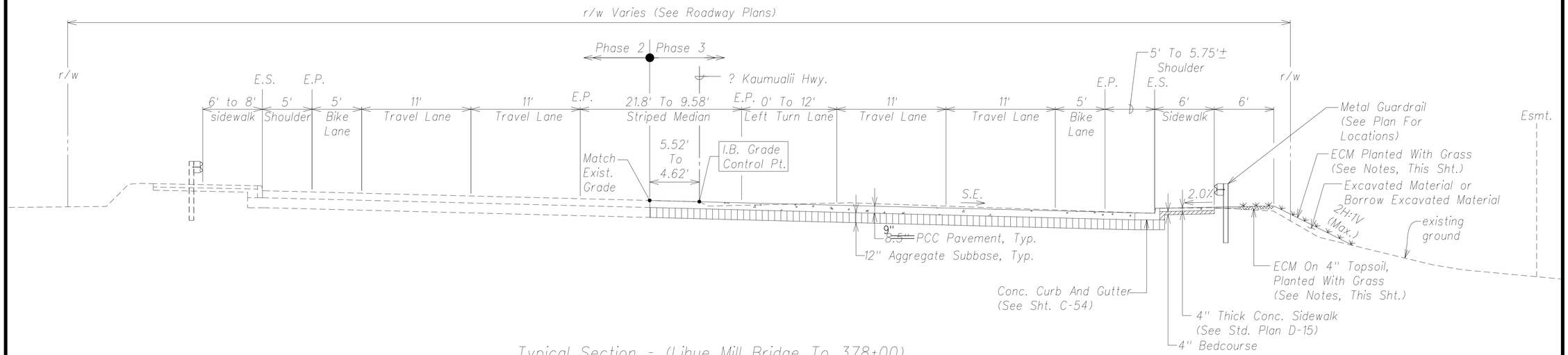
"AS-BUILT"

C.M. Model S1

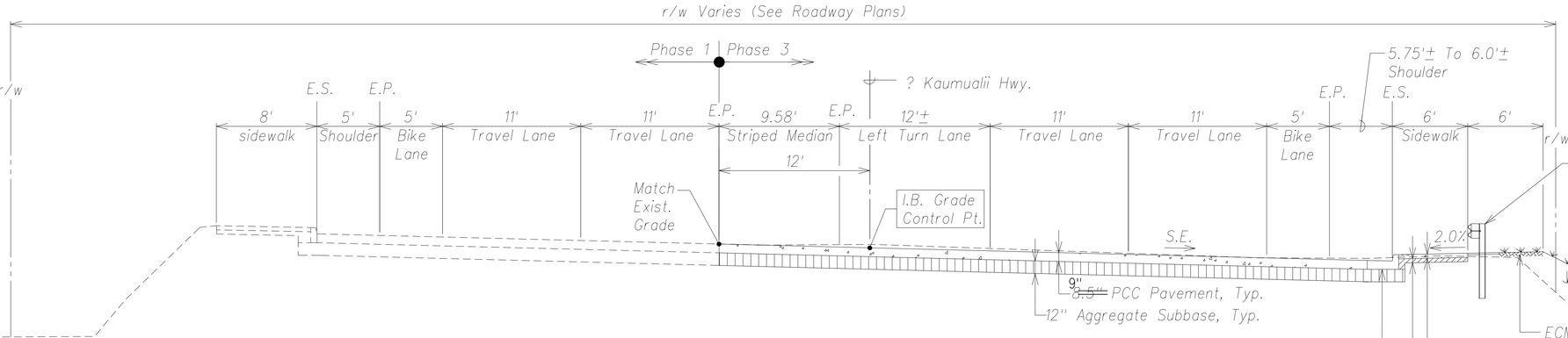
ORIGINAL PLAN | NOTE BOOK No. | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

FILE: C:\Users\lopiahS\Desktop\Drawing1.dwg saved April 7, 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (Lihue Mill Bridge To 378+00)
Scale: 1" = 5'



Typical Section - (Sta. 378+00 To 378+28±)
Scale: 1" = 5'

Notes:

1. The contractor shall install Erosion Control Matting (ECM), top soil and grass to all graded areas of the project that are to be permanent improvements, except top soil shall not be installed where slopes are 3H:1V or greater.
2. Erosion Control Matting (ECM) shall be installed per the manufacturer's recommendations.
3. See Landscaping Drawings for topsoil and planting requirements.

LEGEND FOR AS-BUILT POSTINGS

~~WWWW~~	Squiggly line for as-built deletion
~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

Graphic Scale:
1" = 5'
5' 0 5' 10'
Scale in Feet

MICHAEL H. OKAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 8624-C
HAWAII, U.S.A.

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SIGNATURE — April 30, 2016 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET
PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

Scale: As Shown Date: May 2, 2014

SHEET No. C-18 OF 82 SHEETS

ORIGINAL PLAN
NOTE BOOK No.
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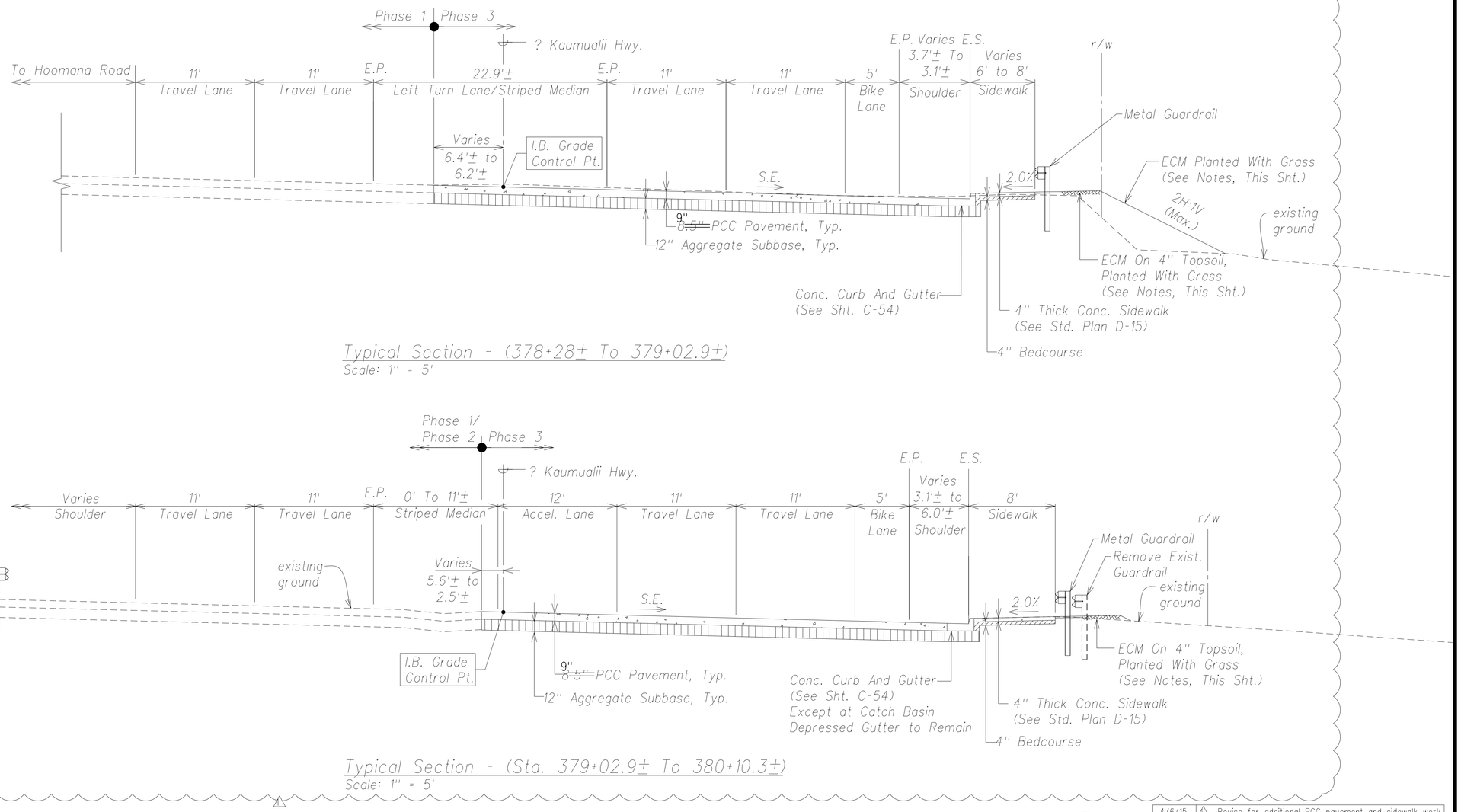
DESIGNED BY
QUANTITIES BY
CHECKED BY
DATE

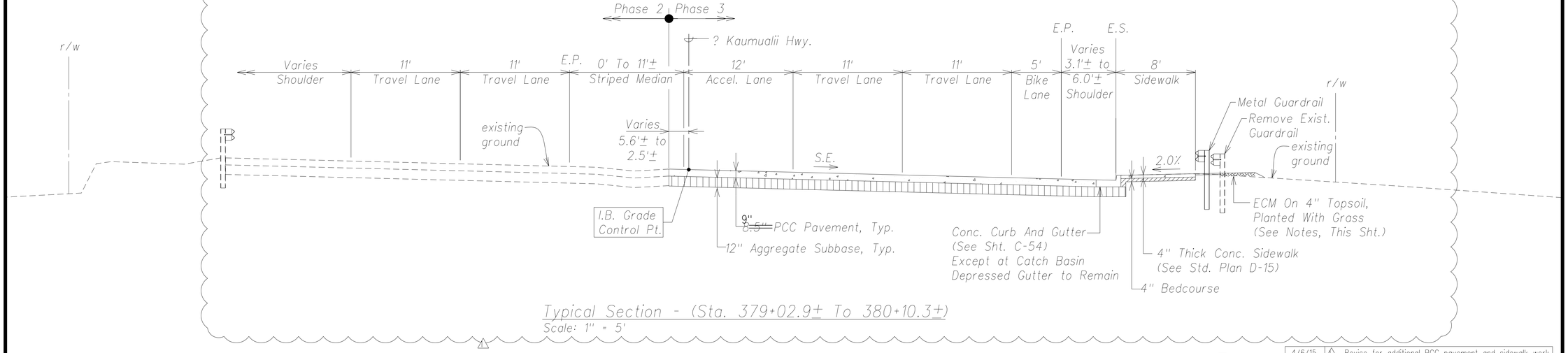
"AS-BUILT"

Model

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (378+28± To 379+02.9±)
Scale: 1" = 5'



Typical Section - (Sta. 379+02.9± To 380+10.3±)
Scale: 1" = 5'

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

Graphic Scale:
1" = 5'
5' 0 5' 10'
Scale in Feet

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MICHAEL H. OKAMOTO LICENSED PROFESSIONAL ENGINEER No. 8624-C HAWAII, U.S.A.

April 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

Date	Revision
4/6/15	⚠ Revise for additional PCC pavement and sidewalk work

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET
PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

Scale: As Shown Date: May 2, 2014

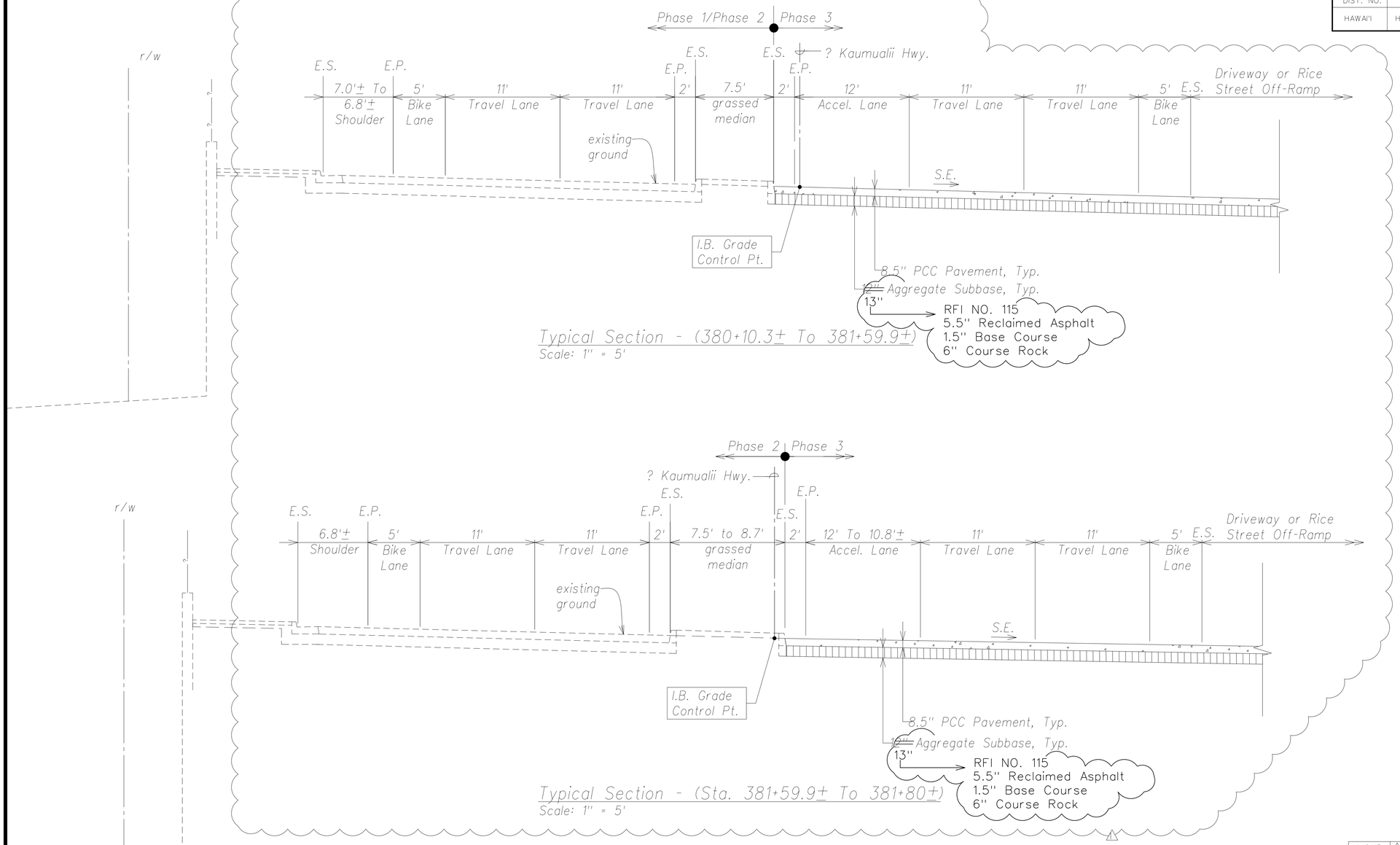
SHEET No. C-19 OF 82 SHEETS

"AS-BUILT"

C. Model S1

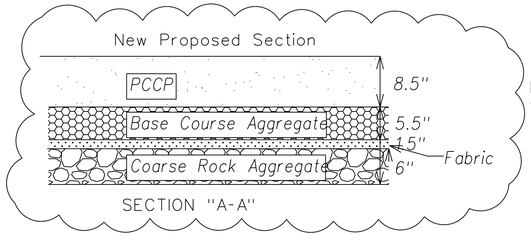
FILE: C:\Users\bpaoli\Desktop\Drawing1.dwg saved April 7, 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (380+10.3± To 381+59.9±)
Scale: 1" = 5'

Typical Section - (Sta. 381+59.9± To 381+80±)
Scale: 1" = 5'



RFI NO. 115
SECTION DETAIL

Graphic Scale:
1" = 5'
5' 0 5' 10'
Scale in Feet

LEGEND FOR AS-BUILT POSTINGS

~~WWWW~~	Squiggly line for as-built deletion
~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

SURVEY PLOTTED BY ____ DATE
DRAWN BY ____
TRACED BY ____
DESIGNED BY ____
QUANTITIES BY ____
CHECKED BY ____

ORIGINAL PLAN
NOTE BOOK
No. ____

MICHAEL H. OKAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 8624-C
HAWAII, U.S.A.

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April 30, 2016
SIGNATURE — EXPIRATION DATE OF THE LICENSE

Date	Revision
4/6/15	⚠ Revise for additional PCC pavement and work

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET

PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

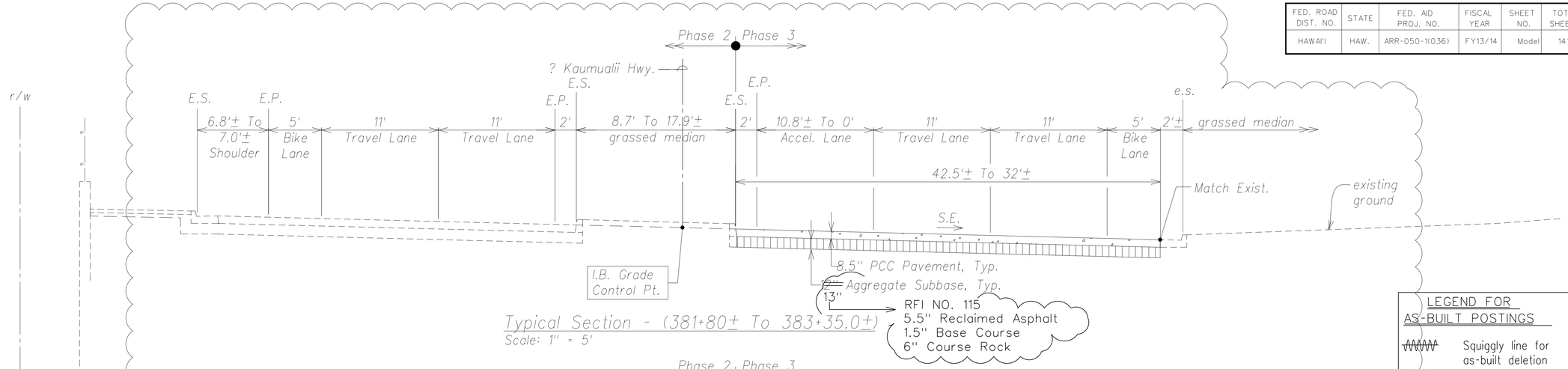
Scale: As Shown Date: May 2, 2014

SHEET No. C-20 OF 82 SHEETS

"AS-BUILT"

C. Model S1

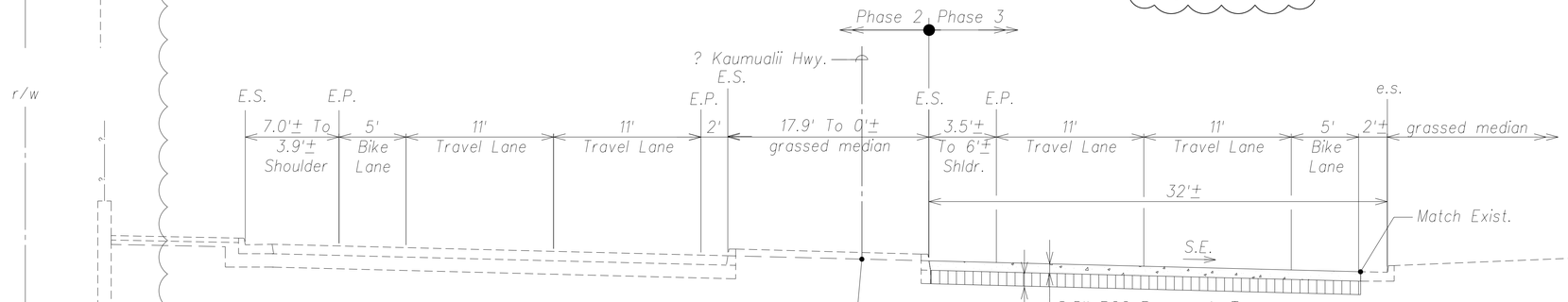
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-050-1(036)	FY13/14	Model	141



Typical Section - (381+80± To 383+35.0±)
Scale: 1" = 5'

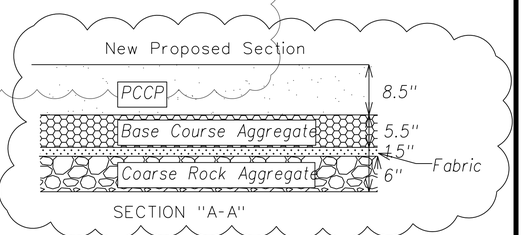
LEGEND FOR AS-BUILT POSTINGS

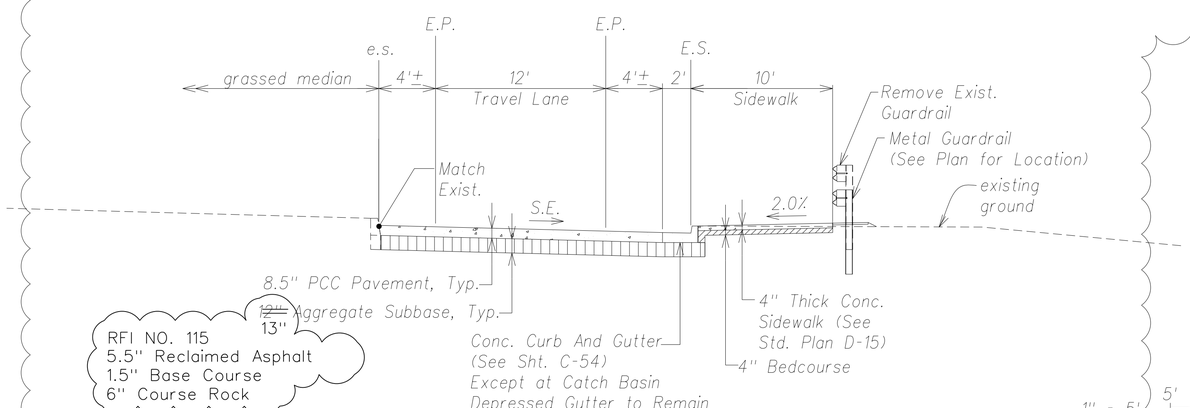
~~WWWW~~	Squiggly line for as-built deletion
~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting



Typical Section - (383+35.0± To 384+85.5±)
Scale: 1" = 5'

RFI NO. 115 SECTION DETAIL





Typical Section - Rice Street Off-Ramp
Scale: 1" = 5'

Graphic Scale:
5' 0 5' 10'
Scale in Feet
1" = 5'

MICHAEL H. OKAMOTO
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SIGNATURE — April 30, 2016 EXPIRATION DATE OF THE LICENSE

Date	Revision
4/6/15	⚠ Revise for additional PCC pavement and sidewalk work

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

PHASE 1 - KAUMUALII HIGHWAY
LIHUE MILL BRIDGE TO RICE STREET
PHASE 3 - REHABILITATION OF LIHUE MILL BRIDGE AND MAKAI WIDENING

Scale: As Shown Date: May 2, 2014

SHEET No. C-21 OF 82 SHEETS

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No.

"AS-BUILT"

C.Model S1