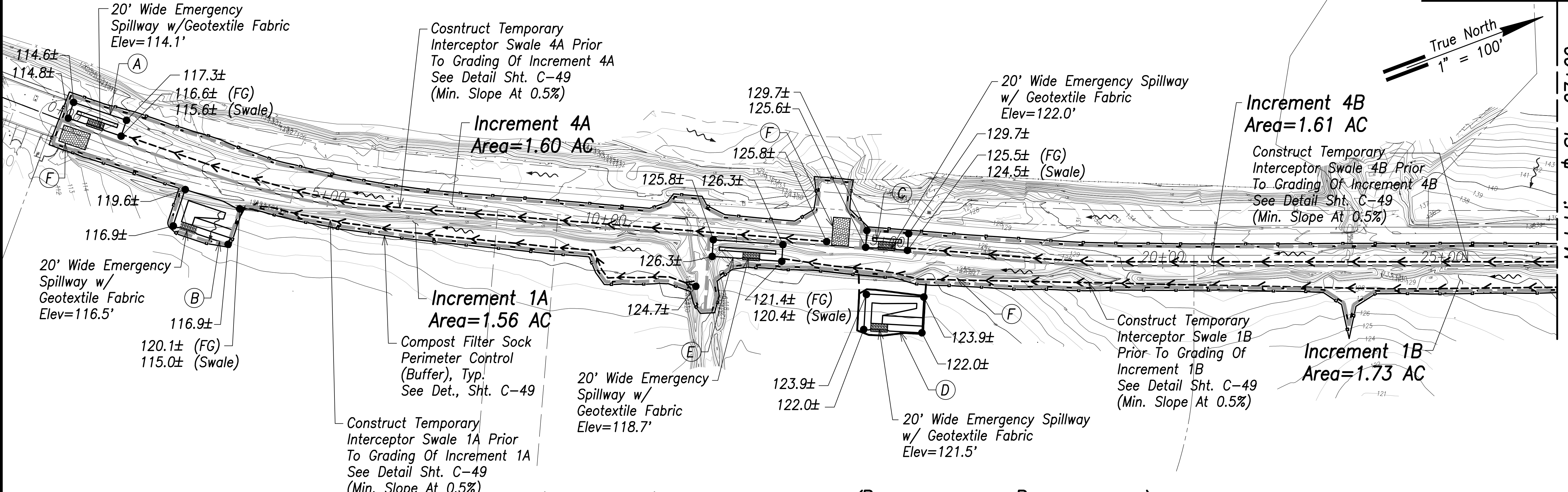


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	43	767



Erosion and Sediment Control Plan - (Sta. 0+00 to Sta. 27+00)
Scale: 1" = 100'

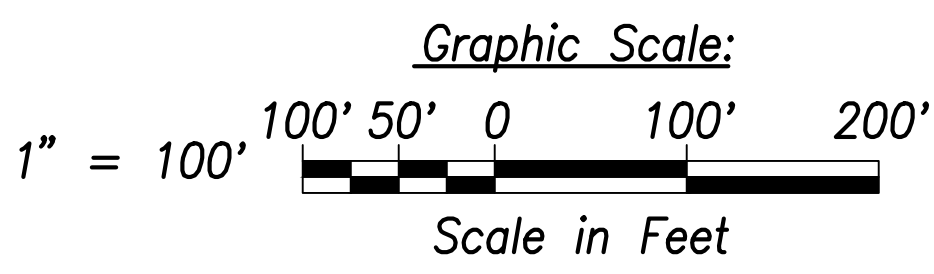
Note:
The Contractor shall install two catch basin inlet protection devices on existing catch basins located at approximate road station (-)3+11.

- Pre-Construction BMP**
- Stabilized Compost Filter Sock
 - Temporary Sediment Basins
 - Temporary Swales
- During Construction BMP**
- Temporary Stabilization
 - Inlet Protection for New CB
- Post Construction BMP**
- Permanent Stabilization BMP

Legend:

LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	■ ■ ■ ■
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	- - -
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	←---→
Spot Elevation	● 126.4±

- (A) Temporary Sediment Basin 4A**
To Be Constructed Prior To Grading Of Increment 4A And Backfilled Upon Completion of Increment 4A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(100' x 30' Storage Area)
Bot. Basin = 110.6 Ft.
Min. Depth = 4 Ft.
Contributing Area = 1.60 AC. (Inc. 4A)
Required Volume = 214 CY. (Inc. 4A)
Available Volume = 320 CY.
- (B) Sediment Basin A**
To Be Constructed Prior To Grading Of Increment 1A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-104
Bot. Basin = 108.4 Ft.
Contributing Area = 1.56 AC. (Inc. 1A)
Required Volume = 208 CY. (Inc. 1A)
Available Volume = 880 CY.
- (C) Temporary Sediment Basin 4B**
To Be Constructed Prior To Grading Of Increment 4B And Backfilled Upon Completion of Increment 4B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(100' x 30' Storage Area)
Bot. Basin = 121.0 Ft.
Min. Depth = 4 Ft.
Contributing Area = 1.11 AC. (Inc. 4B)
Required Volume = 148 CY. (Inc. 4B)
Available Volume 200 CY.
- (D) Sediment Basin B (Self Mitigating)**
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-105
Bot. Basin = 116.6 Ft.
Contributing Area = xx AC.
Required Volume = xx CY.
Available Volume = 600 CY.
- (E) Temporary Sediment Basin 1B**
To Be Constructed Prior To Grading Of Increment 1B And Backfilled Upon Completion of Increment 1B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(125' x 30' Storage Area)
Bot. Basin = 116.2 Ft.
Min. Depth = 4 Ft.
Contributing Area = 1.73 AC. (Inc. 1B)
Required Volume = 231 CY. (Inc. 4B)
Available Volume 333 CY.
- (F) Stabilized Construction Entrance**
(50'x30'x12" Min.)
See Det., Sht. C-49



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Signature: [Signature]
April 30, 2022
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

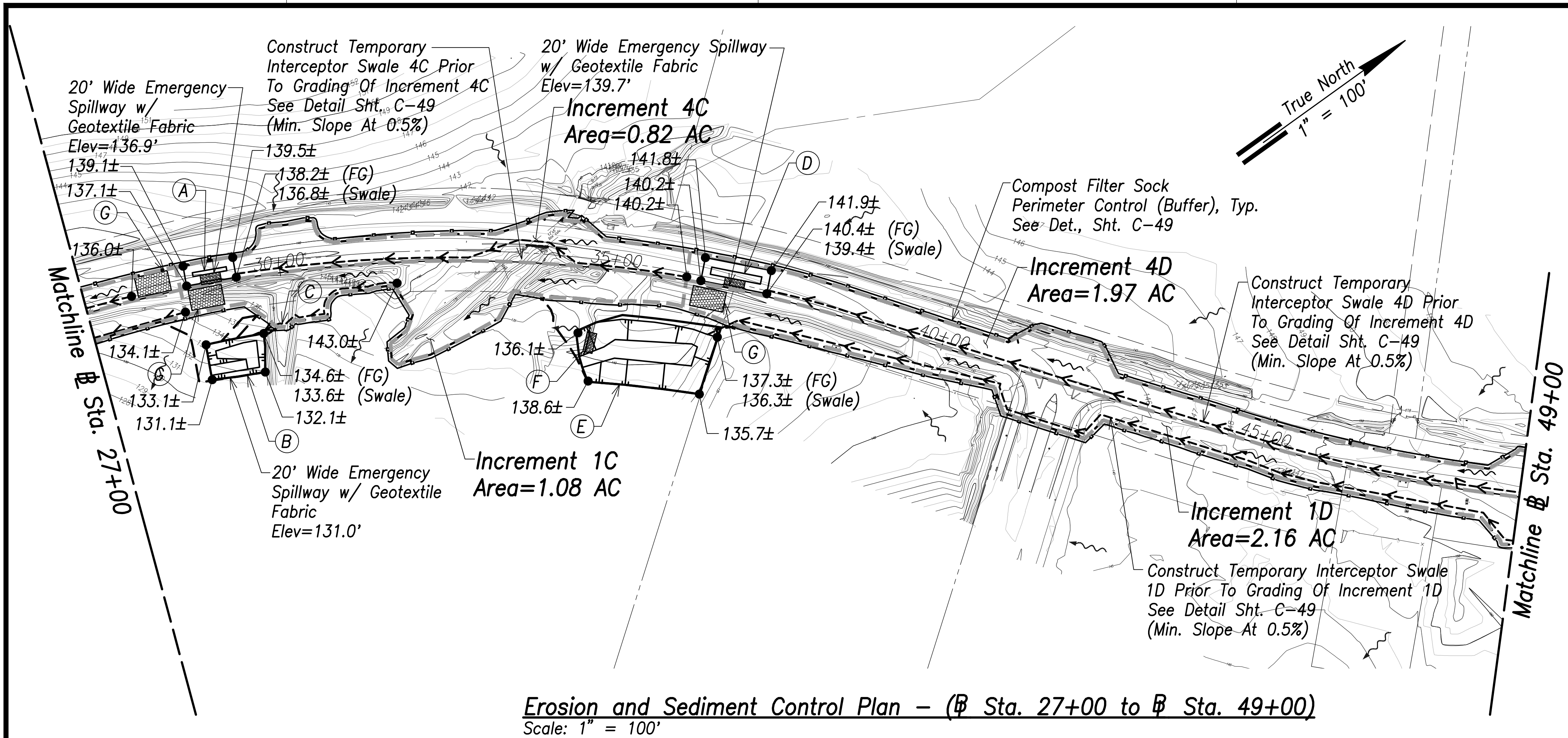
Erosion and Sediment Control Plan - 1

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-42 OF 767 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	44	767



Erosion and Sediment Control Plan – (Sta. 27+00 to Sta. 49+00)
Scale: 1" = 100'

Pre-Construction BMP

- Stabilized Compost Filter Sock
- Temporary Sediment Basins
- Temporary Swales

During Construction BMP

- Temporary Stabilization
- Inlet Protection for New CB

Post Construction BMP

- Permanent Stabilization BMP

Legend:

LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	■ ■ ■ ■
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	- - -
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	—<—>—
Spot Elevation	● 126.4±

Temporary Sediment Basin 4C
To Be Constructed Prior To Grading Of
Increment 4C And Backfilled Upon
Completion of Increment 4C
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(75' X 30' Storage Area)
Bot. Basin = 132.8 Ft.
Min. Depth = 4 Ft.
Contributing Area = 1.22 AC. (Inc. 4C)
Required Volume = 109 CY. (Inv. 4C)
Available Volume = 200 CY.

Sediment Basin C
To Be Constructed Prior To Grading Of
Increment 1C
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-106
Bot. Basin = 128 Ft.
Contributing Area = 1.08 AC. (Inc. 1C)
Required Volume = 144 CY. (Inc. 1C)
Available Volume = 180 CY.

Construct Temporary Interceptor Swale 1C
Prior To Grading Of Increment 1C
See Detail Sht. C-49
(Min. Slope At 0.5%)

Temporary Sediment Basin 4D
To Be Constructed Prior To Grading Of
Increment 4D And Backfilled Upon
Completion of Increment 4D
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(100' x 35' Storage Area)
Bot. Basin = 135.1 Ft.
Min. Depth = 4 Ft.
Contributing Area = 1.97 AC. (Inc. 4D)
Required Volume = 263 CY. (Inc. 4D)
Available Volume = 341 CY.

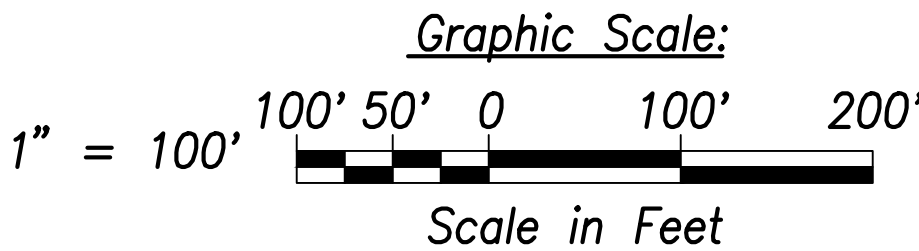
Sediment Basin D
To Be Constructed Prior To Grading Of
Increment 1D
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-107
Bot. Basin = 125 Ft.
Contributing Area = 2.16 AC. (Inc. 1D)
Required Volume = 288 CY. (Inc. 1D)
Available Volume = 850 CY.

20' Wide Emergency Spillway
w/ Geotextile Fabric
Elev=135.5'

Stabilized Construction Entrance
(50'x30'x12" Min.)
See Det., Sht. C-49



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Signature: _____ Date: April 30, 2022
EXPIRATION DATE OF THE LICENSE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

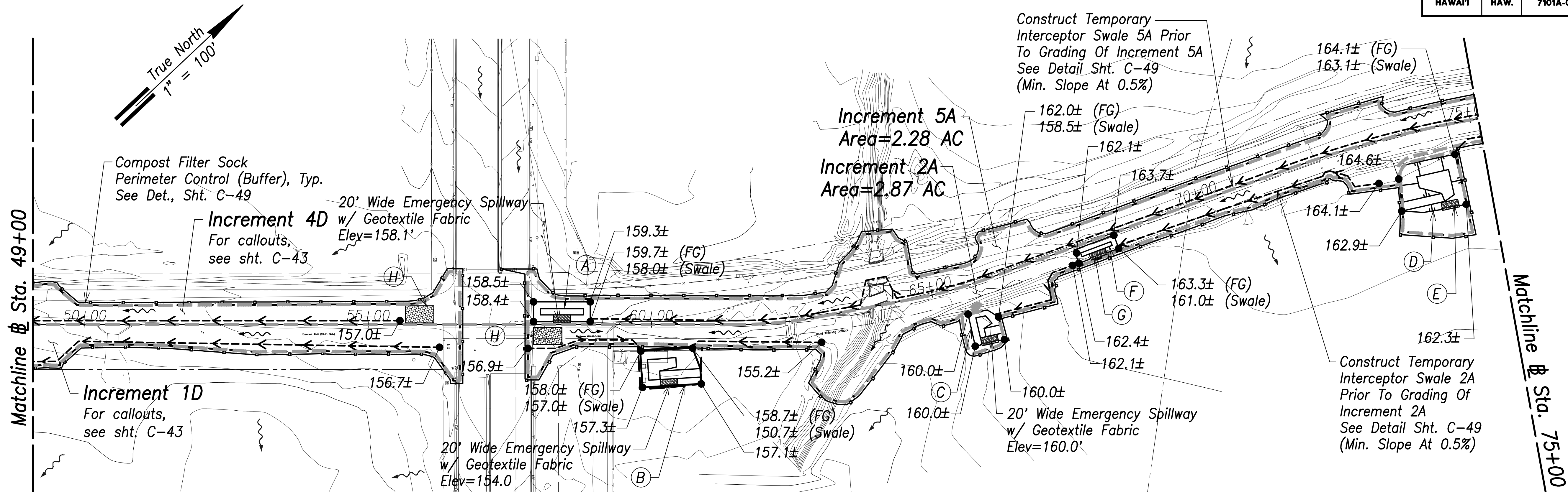
Erosion and Sediment Control Plan – 2

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-43 OF 767 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	45	767



Erosion and Sediment Control Plan – (Sta. 49+00 to Sta. 75+00)
Scale: 1" = 100'

- Pre-Construction BMP**
- Stabilized Compost Filter Sock
 - Temporary Sediment Basins
 - Temporary Swales
- During Construction BMP**
- Temporary Stabilization
 - Inlet Protection for New CB
- Post Construction BMP**
- Permanent Stabilization BMP

Legend:

LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	▬▬▬▬▬
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	- - -
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	—<—>—
Spot Elevation	● 126.4±

Temporary Sediment Basin 5A
To Be Constructed Prior To Grading Of
Increment 5A And Backfilled Upon
Completion of Increment 5A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(100' x 35' Storage Area)
Bot. Basin = 154.6 Ft.
Min. Depth = 4 Ft.
Contributing Area = 2.28 AC. (Inc. 5A)
Required Volume = 305 CY. (Inc. 5A)
Available Volume = 409 CY.

Sediment Basin E
To Be Constructed Prior To Grading
Of Increment 2A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-108
Bot. Basin = 147.4 Ft.
Contributing Area = 2.87 AC. (Inc. 2A)
Required Volume = 383 CY. (Inc. 2A)
Available Volume = 345 CY.
Total Available Volume = 1,988 (Inc. 2A)

Sediment Basin F
To Be Constructed Prior To Grading
Of Increment 2A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-109
Bot. Basin = 155.5 Ft.
Contributing Area = 2.87 AC. (Inc. 2A)
Required Volume = 383 CY. (Inc. 2A)
Available Volume = 195 CY.
Total Available Volume = 1,988 (Inc. 2A)

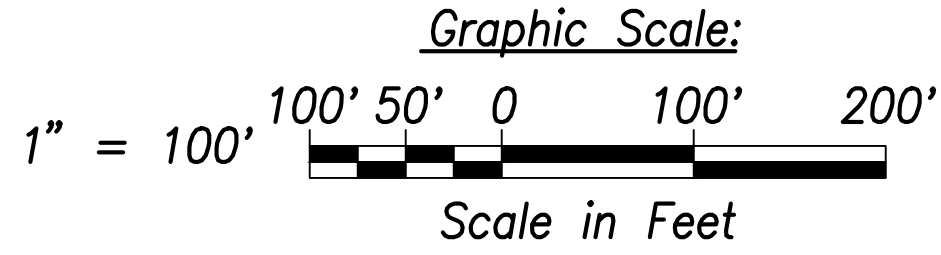
Sediment Basin G
To Be Constructed Prior To Grading
Of Increment 2A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-110
Bot. Basin = 151.0 Ft.
Contributing Area = 2.87 AC. (Inc. 2A)
Required Volume = 383 CY. (Inc. 2A)
Available Volume = 1,315 CY.
Total Available Volume = 1,988 (Inc. 2A)

20' Wide Emergency Spillway
w/ Geotextile Fabric
Elev=162.0'

Temporary Sediment Basin 2A
To Be Constructed Prior To Grading Of
Increment 5A And Backfilled Upon
Completion of Increment 2A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(100' x 25' Storage Area)
Bot. Basin = 157.5 Ft.
Min. Depth = 3 Ft.
Contributing Area = 2.87 AC. (Inc. 2A)
Required Volume = 383 CY. (Inc. 2A)
Available Volume = 178 CY.
Total Available Volume = 1,988 (Inc. 2A)

20' Wide Emergency Spillway
w/ Geotextile Fabric
Elev=162.2

Stabilized Construction
Entrance (50'x30'x12" Min.)
See Det., Sht. C-49



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WILL BE UNDER MY OBSERVATION.
SIGNATURE: *Craig W. L. Luke* EXPIRATION DATE: April 30, 2022
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

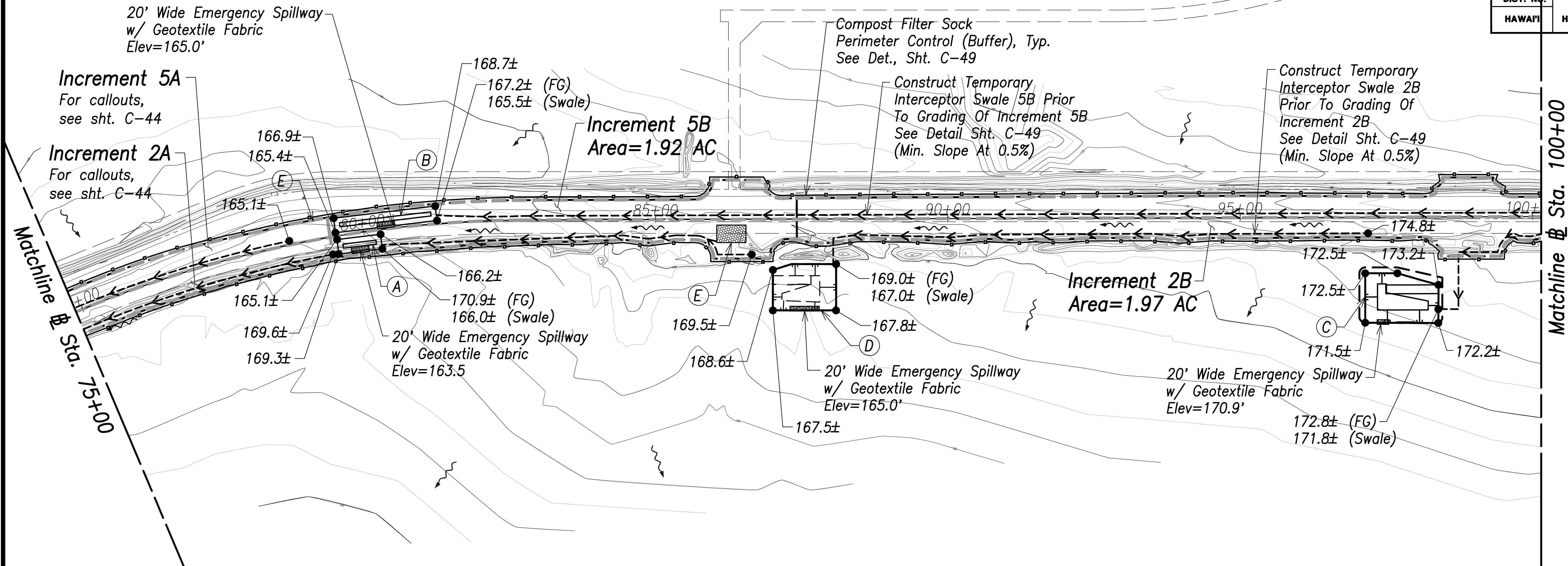
Erosion and Sediment Control Plan – 3

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-44 OF 767 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	46	767



Erosion and Sediment Control Plan – (Sta. 75+00 to Sta. 100+00)
Scale: 1" = 100'

Pre-Construction BMP

- Stabilized Compost Filter Sock
- Temporary Sediment Basins
- Temporary Swales

During Construction BMP

- Temporary Stabilization
- Inlet Protection for New CB

Post Construction BMP

- Permanent Stabilization BMP

Legend:

LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	■ ■ ■ ■
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	- - -
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	←---→
Spot Elevation	● 126.4±

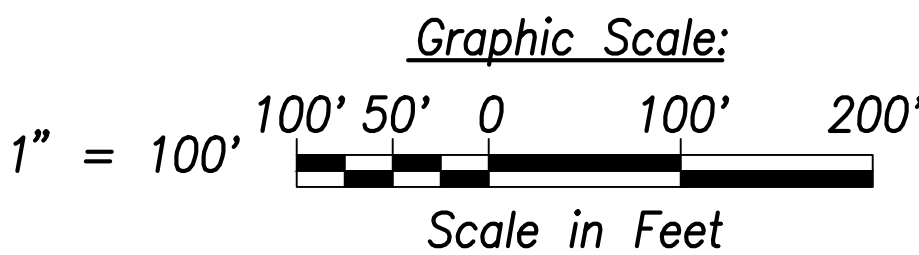
(A) Temporary Sediment Basin 2B
To Be Constructed Prior To Grading Of Increment 2B And Backfilled Upon Completion of Increment 2B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(75' x 25' Storage Area)
Bot. Basin = 162.0 Ft.
Min. Depth = 3 Ft.
Contributing Area = 1.97 AC. (Inc. 2B)
Required Volume = 263 CY. (Inc. 2B)
Available Volume = 133 CY.
Total Available Volume = 2,102 CY. (Inc. 2B)

(B) Temporary Sediment Basin 5B
To Be Constructed Prior To Grading Of Increment 5B And Backfilled Upon Completion of Increment 5B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(175' x 25' Storage Area)
Bot. Basin = 160.5 Ft.
Min. Depth = 3 Ft.
Contributing Area = 1.92 AC. (Inc. 5B)
Required Volume = 256 CY. (Inc. 5B)
Available Volume = 311 CY.

(C) Sediment Basin J
To Be Constructed Prior To Grading Of Increment 2B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-112
Bot. Basin = 160.5 Ft.
Contributing Area = 1.97 AC. (Inc. 2B)
Required Volume = 263 CY. (Inc. 2B)
Available Volume = 1,835 CY.
Total Available Volume = 2,102 CY. (Inc. 2B)

(D) Sediment Basin H
To Be Constructed Prior To Grading Of Increment 2B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-111
Bot. Basin = 159.3 Ft.
Contributing Area = 1.97 AC. (Inc. 2B)
Required Volume = 263 CY. (Inc. 2B)
Available Volume = 550 CY.
Total Available Volume = 2,102 CY. (Inc. 2B)

(E) Stabilized Construction Entrance (50'x30'x12" Min.)
See Det., Sht. C-49



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Signature: *Craig W. L. Luke*
April 30, 2022
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Erosion and Sediment Control Plan – 4

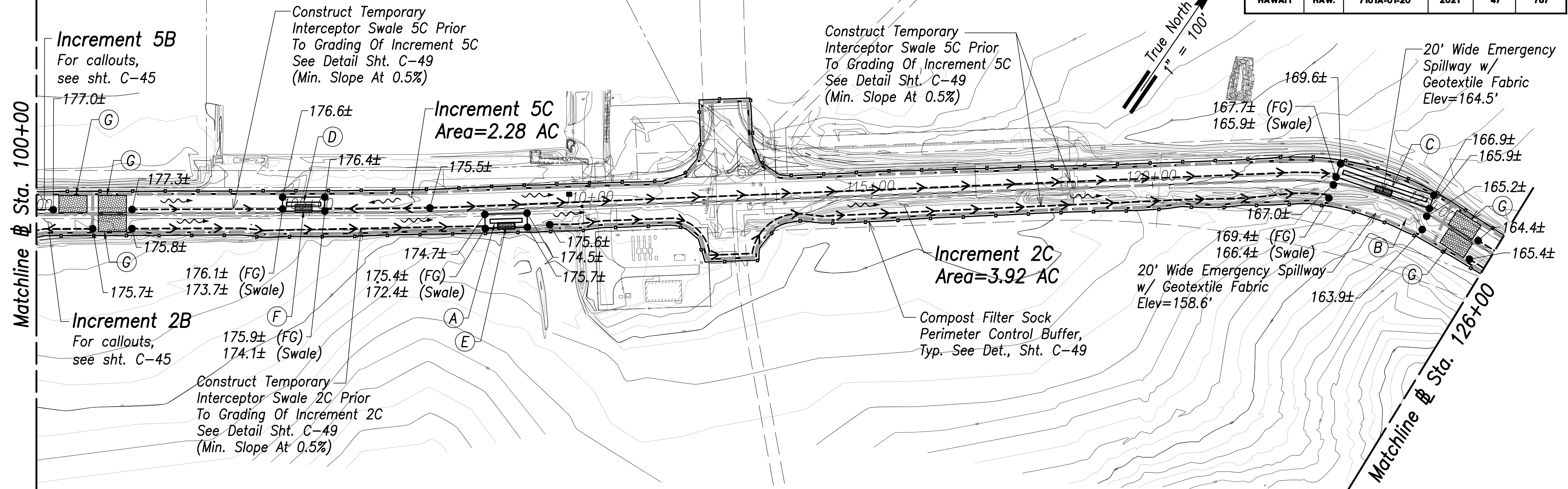
FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

SHEET No. C-45 OF 767 SHEETS

FILE: K:\Civil\23146 Farrington Hwy Widening\Drawings\Construction\Drawings\C-46 ESCP - 5.dwg saved April 13, 2022

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	47	767



Erosion and Sediment Control Plan – (Sta. 100+00 to Sta. 126+00)
Scale: 1" = 100'

- Pre-Construction BMP**
- Stabilized Compost Filter Sock
 - Temporary Sediment Basins
 - Temporary Swales
- During Construction BMP**
- Temporary Stabilization
 - Inlet Protection for New CB
- Post Construction BMP**
- Permanent Stabilization BMP

Legend:

LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	■ ■ ■ ■
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	- - -
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	—<—>—
Spot Elevation	● 126.4±

(A)
Temporary Sediment Basin 2C-1
To Be Constructed Prior To Grading Of Increment 2C
And Backfilled Upon Completion of Increment 2C
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(75' x 25' Storage Area)
Bot. Basin = 171.5 Ft.
Min. Depth = 3 Ft.
Contributing Area = 2.22 AC. (Inc. 2C)
Required Volume = 296 CY. (Inc. 2C)
Available Volume = 133 CY.
Total Available Volume = 444 CY (Inc. 2C)

(B)
Temporary Sediment Basin 2C-2
To Be Constructed Prior To Grading Of Increment 2C
And Backfilled Upon Completion of Increment 2C
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(75' x 25' Storage Area)
Bot. Basin = 160.9 Ft.
Min. Depth = 3 Ft.
Contributing Area = 2.22 AC. (Inc. 2C)
Required Volume = 296 CY. (Inc. 2C)
Available Volume = 311 CY.
Total Available Volume = 444 CY (Inc. 2C)

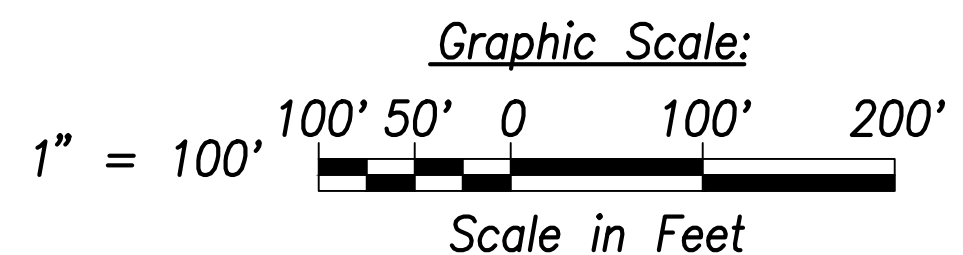
(C)
Temporary Sediment Basin 5C-1
To Be Constructed Prior To Grading Of
Increment 5C And Backfilled Upon
Completion of Increment 5C
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(75' x 25' Storage Area)
Bot. Basin = 162.9 Ft.
Min. Depth = 3 Ft.
Contributing Area = 2.28 AC. (Inc. 5C)
Required Volume = 305 CY. (Inc. 5C)
Available Volume = 311 CY.
Total Available Volume = 444 CY (Inc. 5C)

(D)
Temporary Sediment Basin 5C-2
To Be Constructed Prior To Grading Of
Increment 5C And Backfilled Upon
Completion of Increment 5C
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(75' x 25' Storage Area)
Bot. Basin = 172.4 Ft.
Min. Depth = 3 Ft.
Contributing Area = 2.28 AC. (Inc. 5C)
Required Volume = 305 CY. (Inc. 5C)
Available Volume = 133 CY.
Total Available Volume = 444 CY (Inc. 5C)

(E)
20' Wide Emergency Spillway
w/ Geotextile Fabric
Elev=168.3'

(F)
20' Wide Emergency Spillway
w/ Geotextile Fabric
Elev=175.1'

(G)
Stabilized Construction
Entrance (50'x30'x12" Min.)
See Det., Sht. C-49



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Signature: *Craig W. L. Luke*
April 30, 2022
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

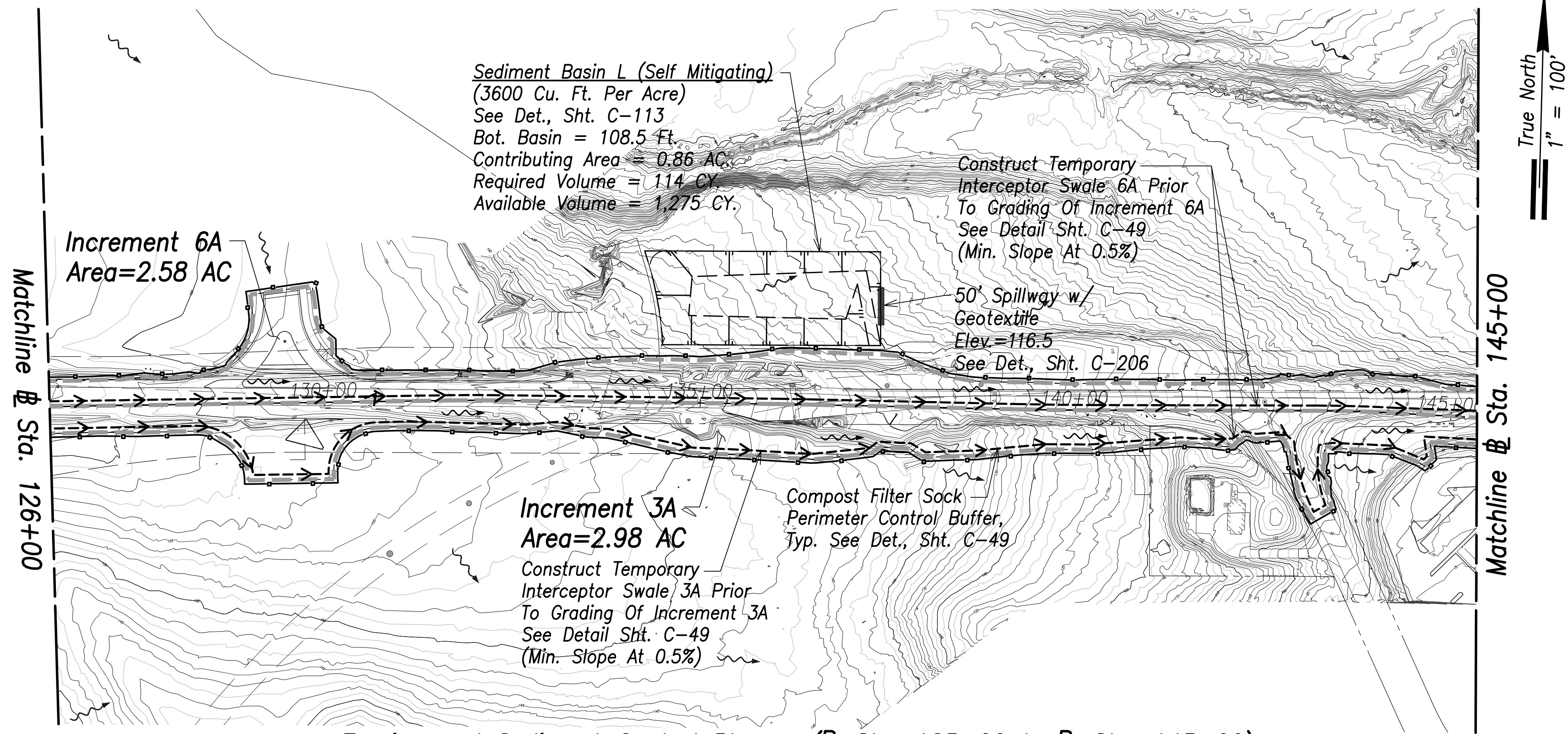
**Erosion and Sediment
Control Plan – 5**

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-46 OF 767 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	48	767



Erosion and Sediment Control Plan – (Sta. 125+00 to Sta. 145+00)
Scale: 1" = 100'

Pre-Construction BMP

- Stabilized Compost Filter Sock
- Temporary Sediment Basins
- Temporary Swales

During Construction BMP

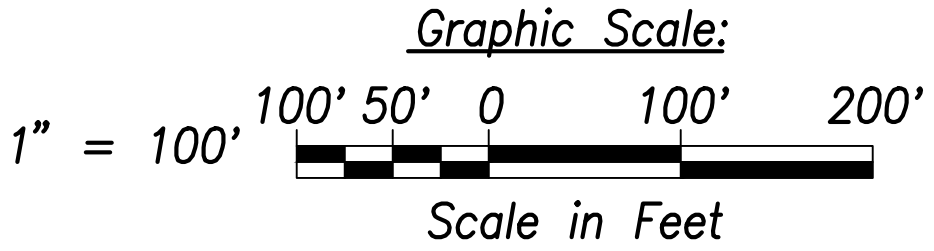
- Temporary Stabilization
- Inlet Protection for New CB

Post Construction BMP

- Permanent Stabilization BMP

Legend:

LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	■ ■ ■ ■
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	—
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	—<—<—<—
Spot Elevation	● 126.4±



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OR UNDER MY SUPERVISION AND
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION.
Signature: [Signature]
April 30, 2022
EXPIRATION DATE
OF THE LICENSE

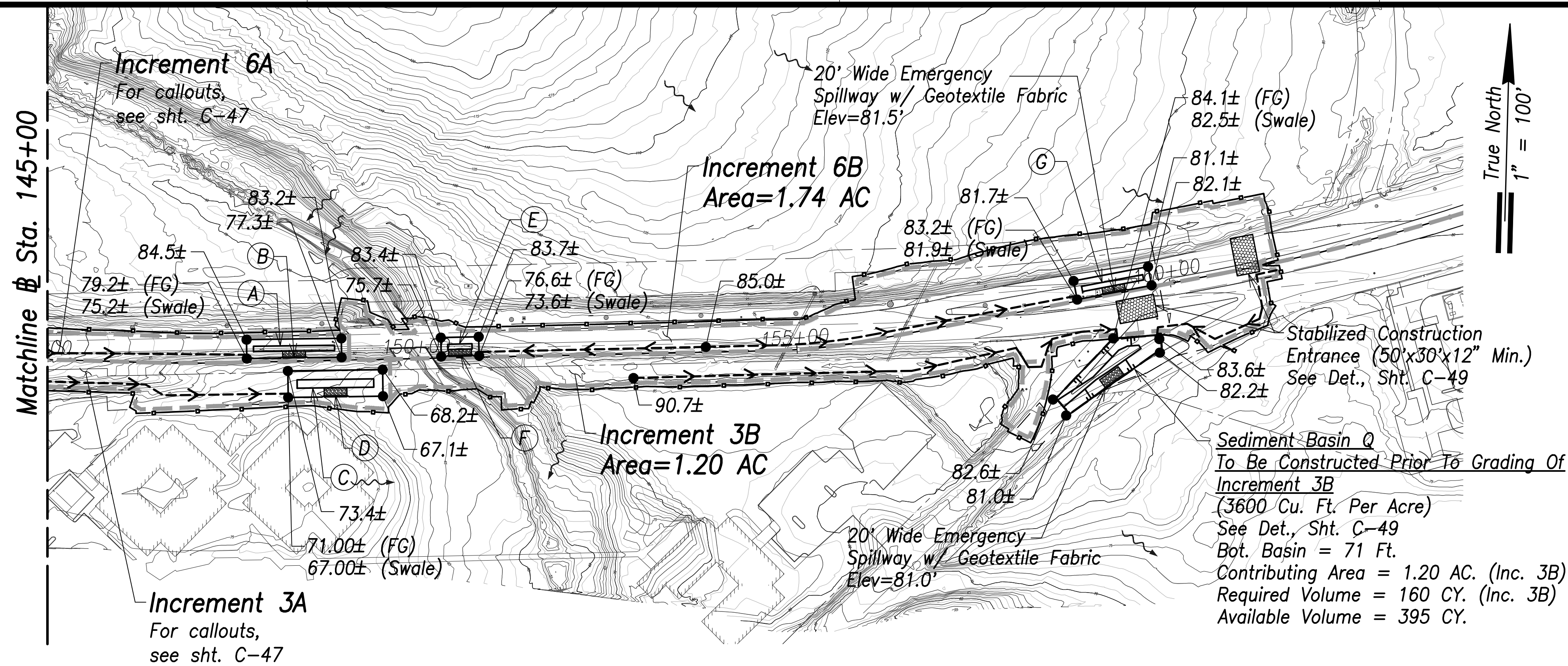
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**Erosion and Sediment
Control Plan – 6**

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-47 OF 767 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	49	767



Erosion and Sediment Control Plan – (Sta. 145+00 to Sta. 163+25)
Scale: 1" = 100'

(A)
Temporary Sediment Basin 6A
To Be Constructed Prior To Grading Of
Increment 6A And Backfilled Upon
Completion of Increment 6A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(125' x 35' Storage Area)
Bot. Basin = 73.3 Ft.
Min. Depth = 4 Ft.
Contributing Area = 2.58 AC. (Inc. 6A)
Required Volume = 344 CY. (Inc. 6A)
Available Volume = 426 CY.

(B)
20' Wide Emergency
Spillway w/ Geotextile Fabric
Elev=80.3'

(C)
Temporary Sediment Basin 3A
To Be Constructed Prior To Grading Of
Increment 3A And Backfilled Upon
Completion of Increment 3A
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(125' x 35' Storage Area)
Bot. Basin = 63.1 Ft.
Min. Depth = 4 Ft.
Contributing Area = 2.98 AC. (Inc. 3A)
Required Volume = 397 CY. (Inc. 3A)
Available Volume = 426 CY.

(D)
20' Wide Emergency
Spillway w/ Geotextile Fabric
Elev=71.3'

(E)
Temporary Sediment Basin 6B-1
To Be Constructed Prior To Grading Of
Increment 6B And Backfilled Upon Completion
of Increment 6B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(50' x 25' Storage Area)
Bot. Basin = 72.7 Ft.
Min. Depth = 3 Ft.
Contributing Area = 1.67 AC. (Inc. 6B)
Required Volume = 222 CY. (Inc. 6B)
Available Volume = 89 CY.
Total Available Volume = 267 CY (Inc. 6B)

(F)
20' Wide Emergency
Spillway w/ Geotextile Fabric
Elev=71.9'

(G)
Temporary Sediment Basin 6B-2
To Be Constructed Prior To Grading Of
Increment 6B And Backfilled Upon
Completion of Increment 6B
(3600 Cu. Ft. Per Acre)
See Det., Sht. C-49
(100' x 25' Storage Area)
Bot. Basin = 79.6 Ft.
Min. Depth = 3 Ft.
Contributing Area = 1.67 AC. (Inc. 6B)
Required Volume = 222 CY. (Inc. 6B)
Available Volume = 178 CY.
Total Available Volume =267 CY. (Inc. 6B)

Pre-Construction BMP

- Stabilized Compost Filter Sock
- Temporary Sediment Basins
- Temporary Swales

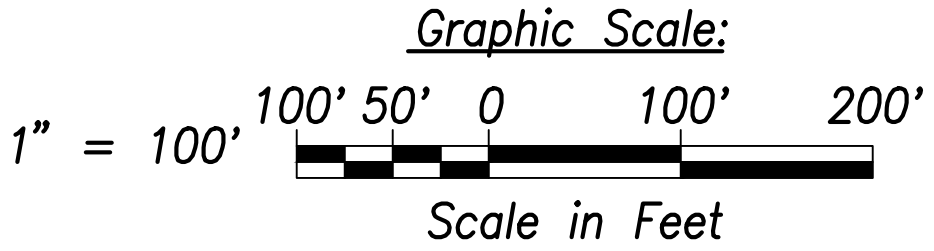
During Construction BMP

- Temporary Stabilization
- Inlet Protection for New CB

Post Construction BMP

- Permanent Stabilization BMP

Legend:	
LOG and Disturbance	---
Filter Sock	—□—
Grading Increment Boundary	■ ■ ■ ■
Existing Ground Contour	~~~~~
Direction of Flow	→
Top Bank	—
Bottom Bank	—
Fill Slope	Y Y Y
Cut Slope	Y Y Y
Swale	←---→
Spot Elevation	● 126.4±



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EXPIRATION DATE
OF THE LICENSE

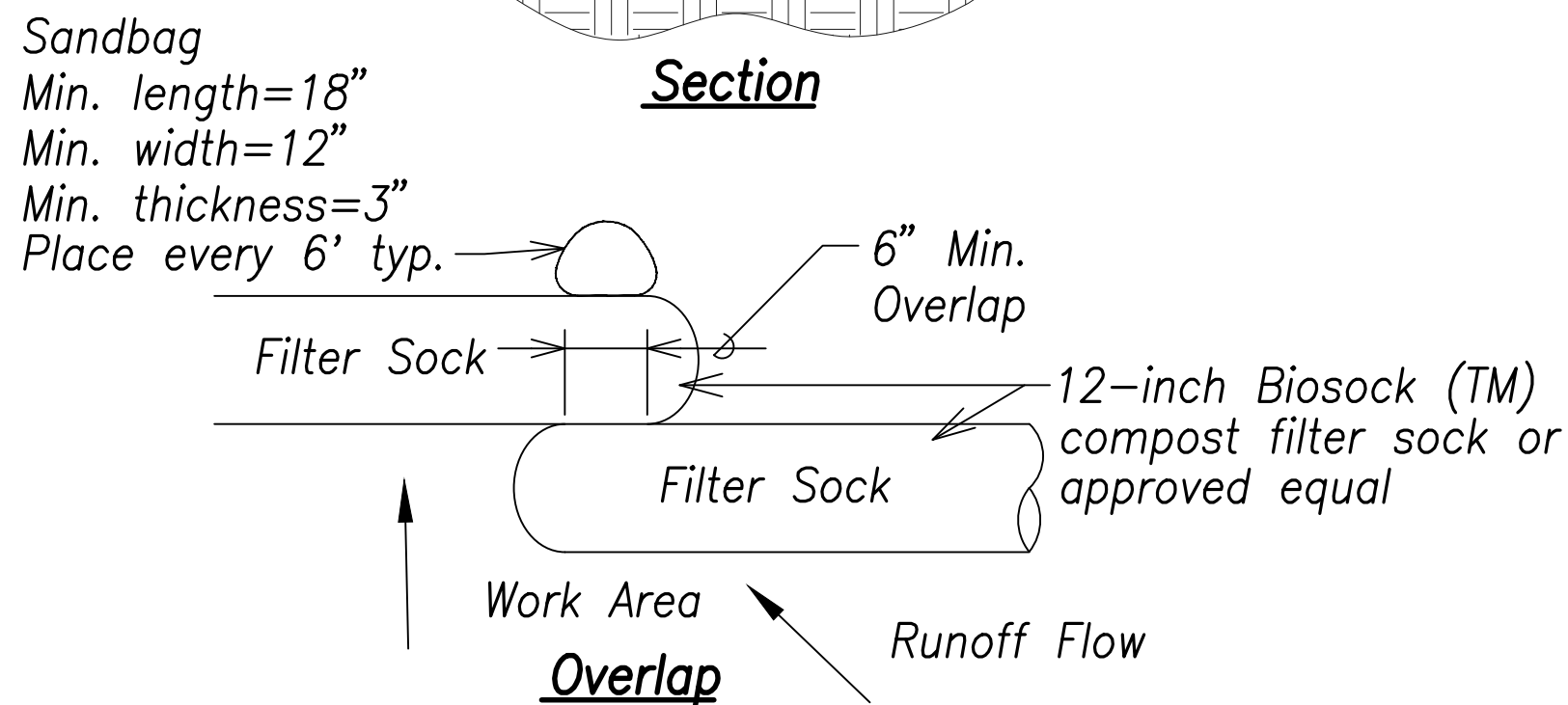
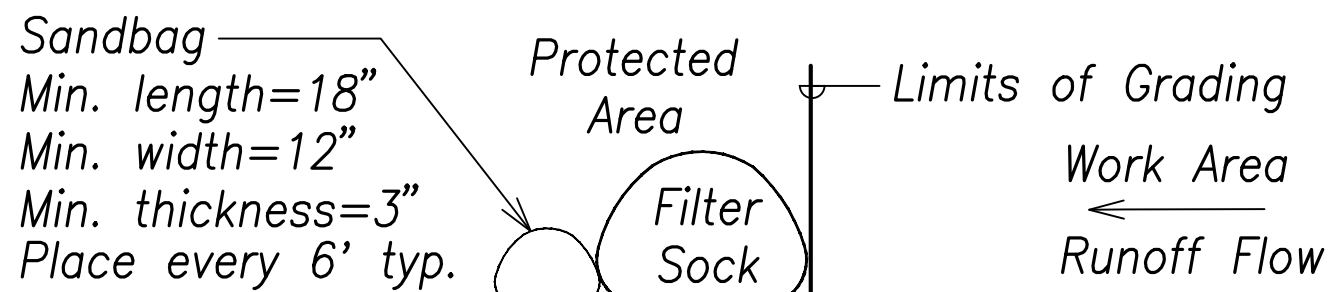
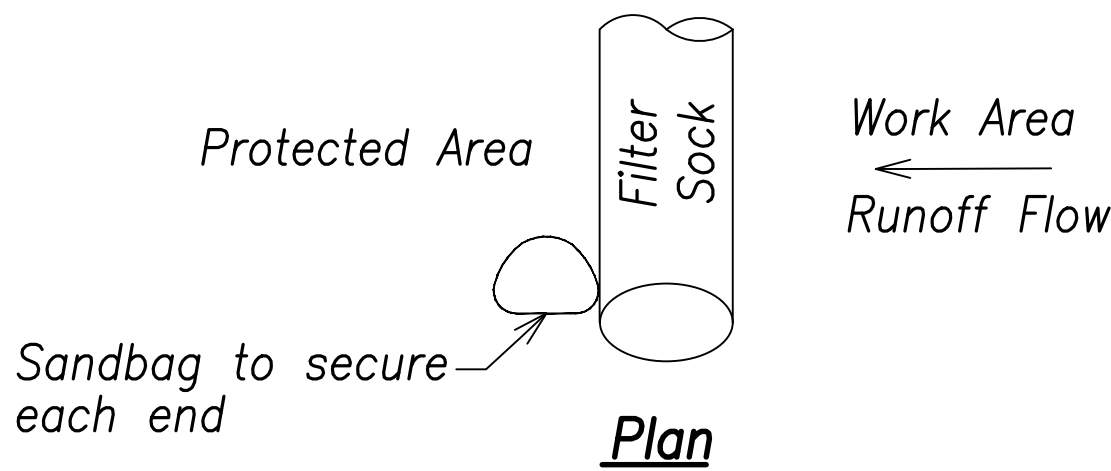
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Erosion and Sediment
Control Plan – 7
FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

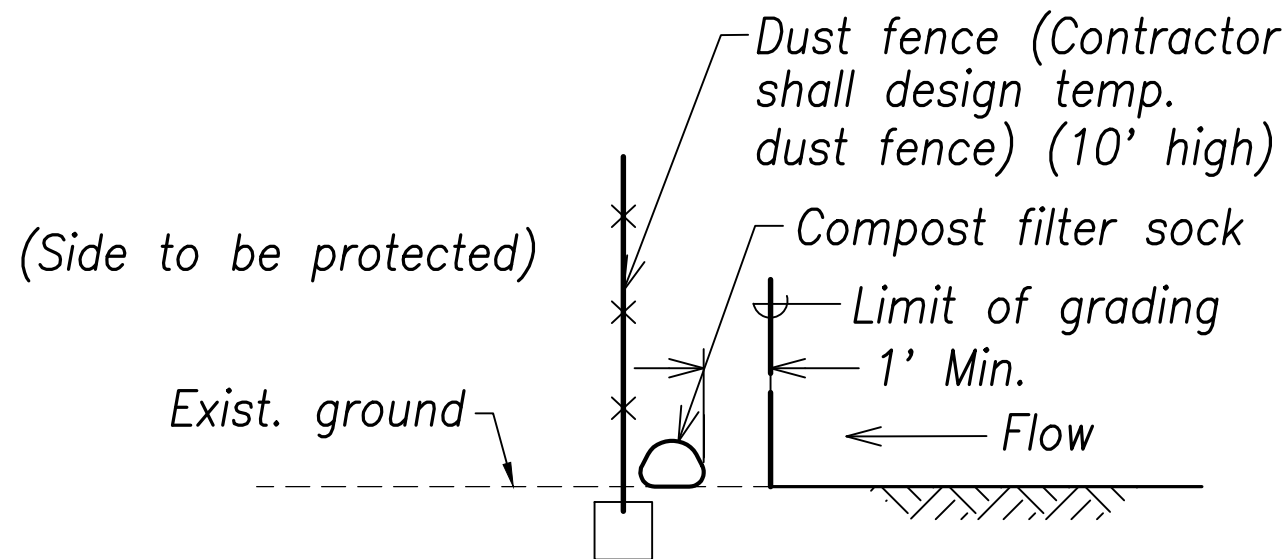
SHEET No. C-48 OF 767 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	50	767



12" Compost Filter Sock Detail

Not to Scale

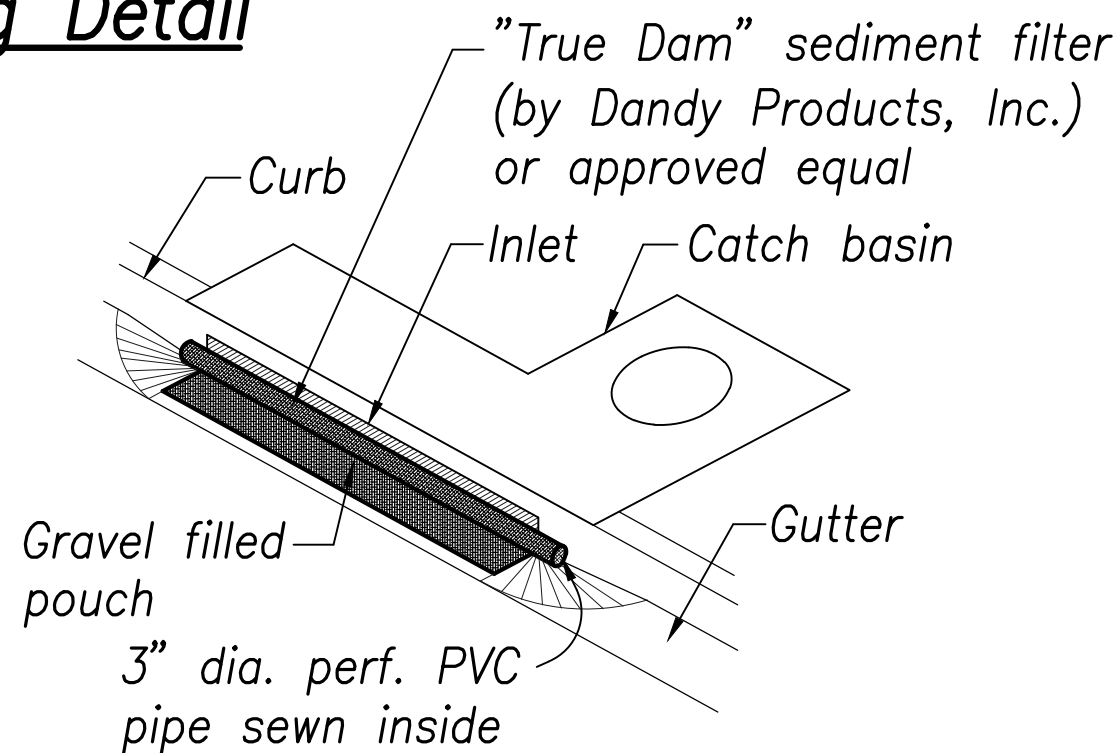


Limit of Grading Detail

Not to Scale

Notes:

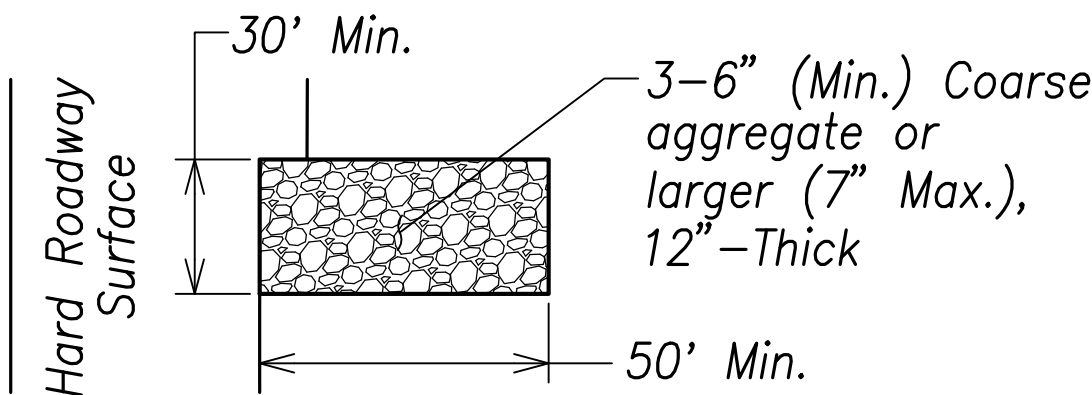
1. Construct catch basin inlet protection on all new catch basin inlets.
2. The Contractor shall clean catch basins and sediment filters weekly.
3. The Contractor shall remove the sediment filters during above normal rainfall events, then replace after the event.



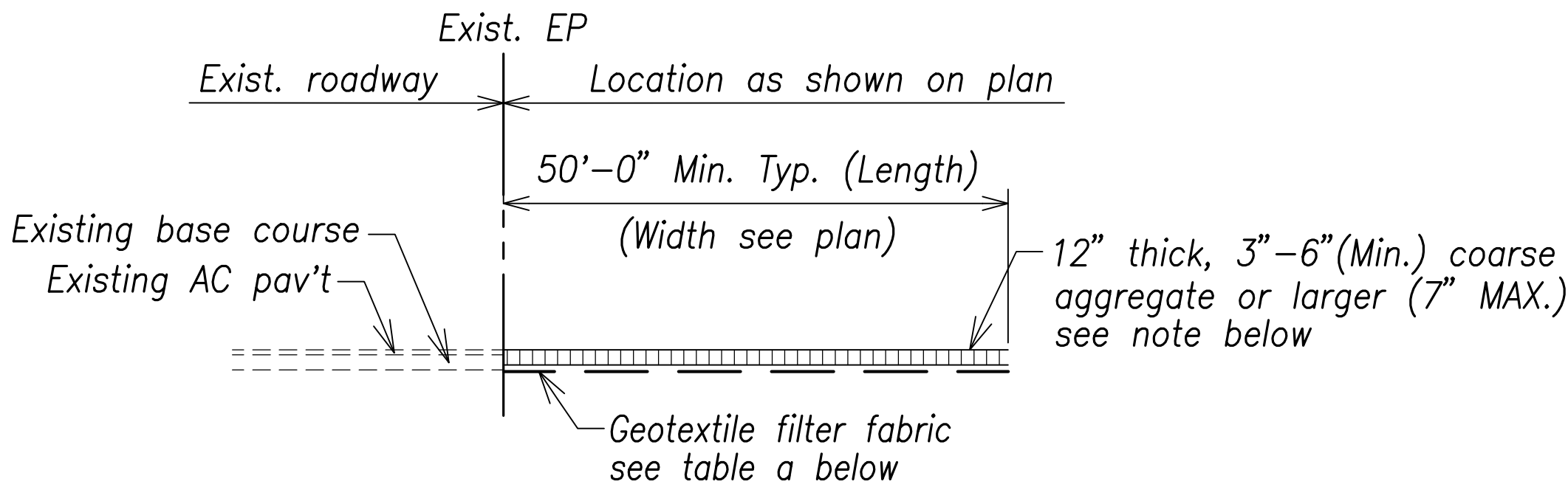
Catch Basin Protection

Inlet Protection (Sediment Control Filter)

Not to Scale



Plan



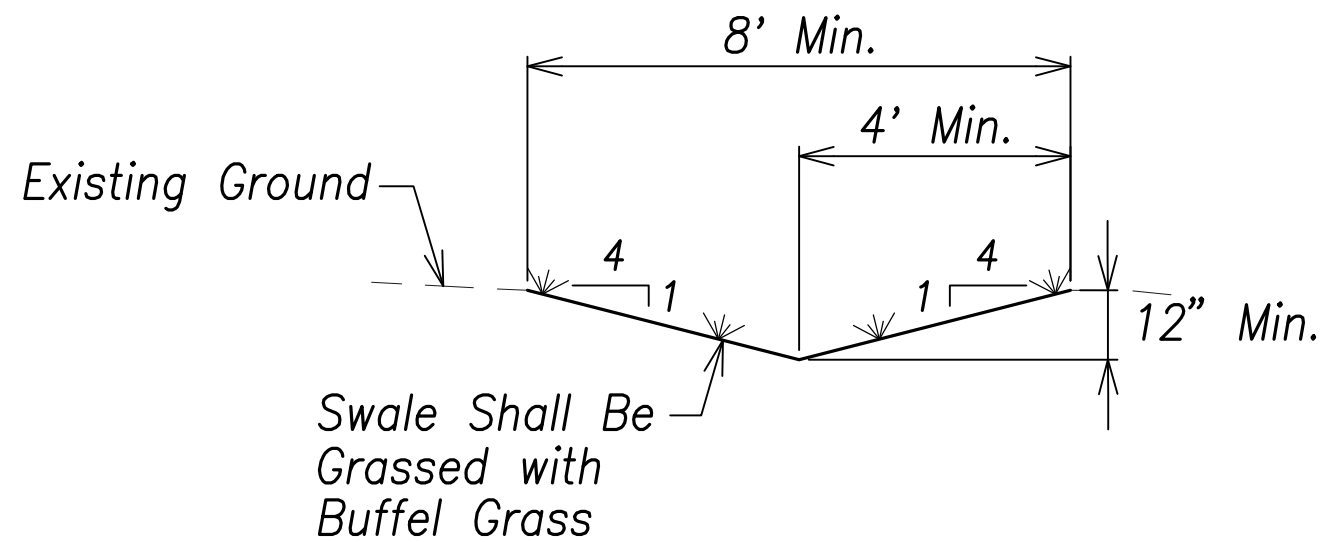
Section

Table A – Geotextile Requirements	
Physical Property	Requirements
Grab Strength	315 MARV (ASTM D4632)
Sewn Seam Strength	285 MARV (ASTM D4884)
Trapezoid Tear Strength	115 MARV (ASTM D4533)
Puncture Resistance	115 MARV (ASTM D4833)
Permittivity	0.05' (ASTM D4491)
Apparent Opening Size (U.S. Standard Sieve)	40 MARV (ASTM D4751)
Ultraviolet Degradation, 500 hours	50 MARV (ASTM D4355)

Note:
12" Coarse aggregate layer shall be removed immediately prior to installation of roadway base course.

Stabilized Construction Entrance

Not to Scale

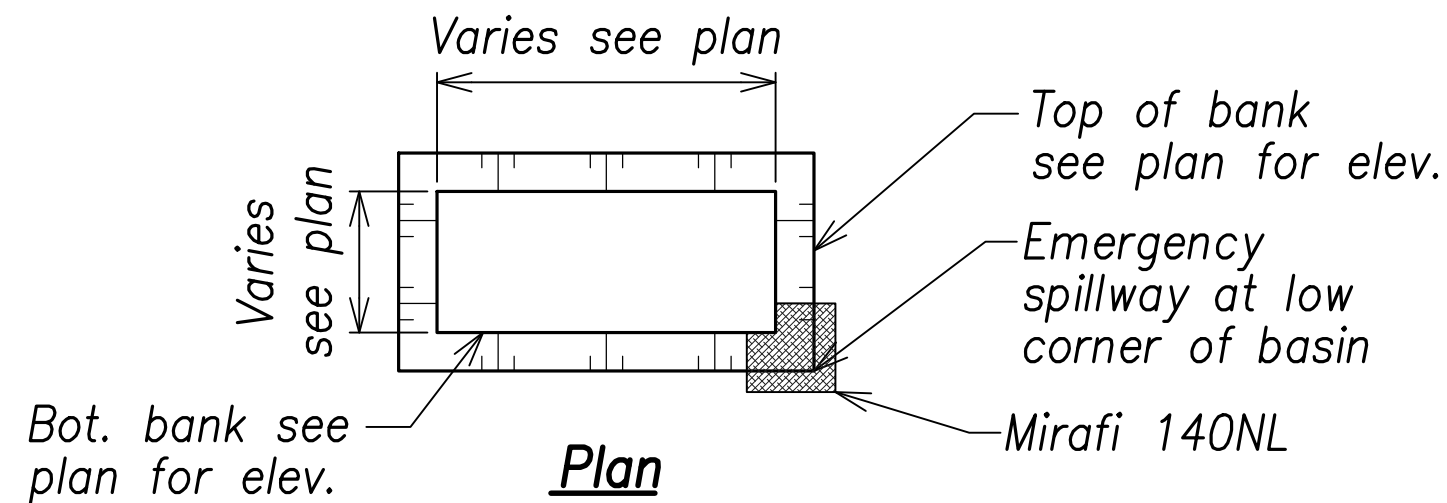


Notes:

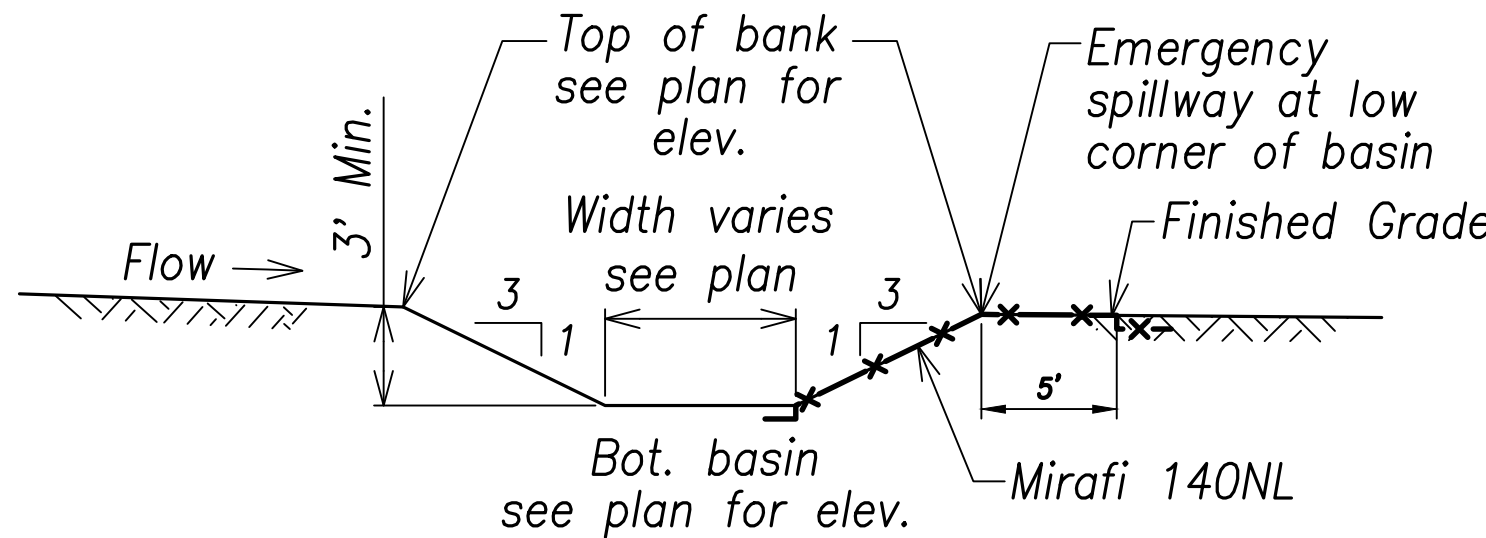
1. temporary interceptor swale shall be removed and graded last upon completion of grading increments.
2. Temporary interceptor swale shall be stabilized immediately with hydroseed.

Temporary Interceptor Swale

Not to Scale



Plan



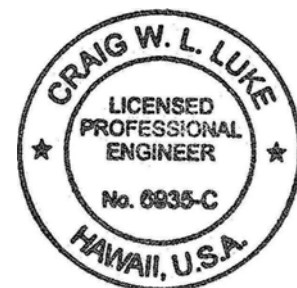
Section

Notes:

1. In lieu of providing outlet structures, contractor shall maintain the sediment basin in effective operating condition and provide pumping if any water has been standing for 72 hours. the contractor shall pump out standing water in the sediment basins and dispose of it at the temporary discharge area.
2. Double compost filter sock (perimeter control) shall be placed at the downstream side of the temporary discharge area. if the temporary discharge area does not have adequate vegetation, the contractor shall grass the temporary discharge area prior to disposing the water. Double compost filter sock (perimeter control) and grassing shall be maintained during grading operations and use of the discharge area.
3. Sediment that accumulates within the temporary sediment basins shall be periodically removed. Sediment shall be removed when sediment accumulation reaches one-half of the designated storage volume.

Temporary Sediment Basin

Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
SIGNATURE: *Craig W. L. Luke* EXPIRATION DATE OF THE LICENSE: April 30, 2022

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Erosion and Sediment
Control Details
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-49 OF 767 SHEETS