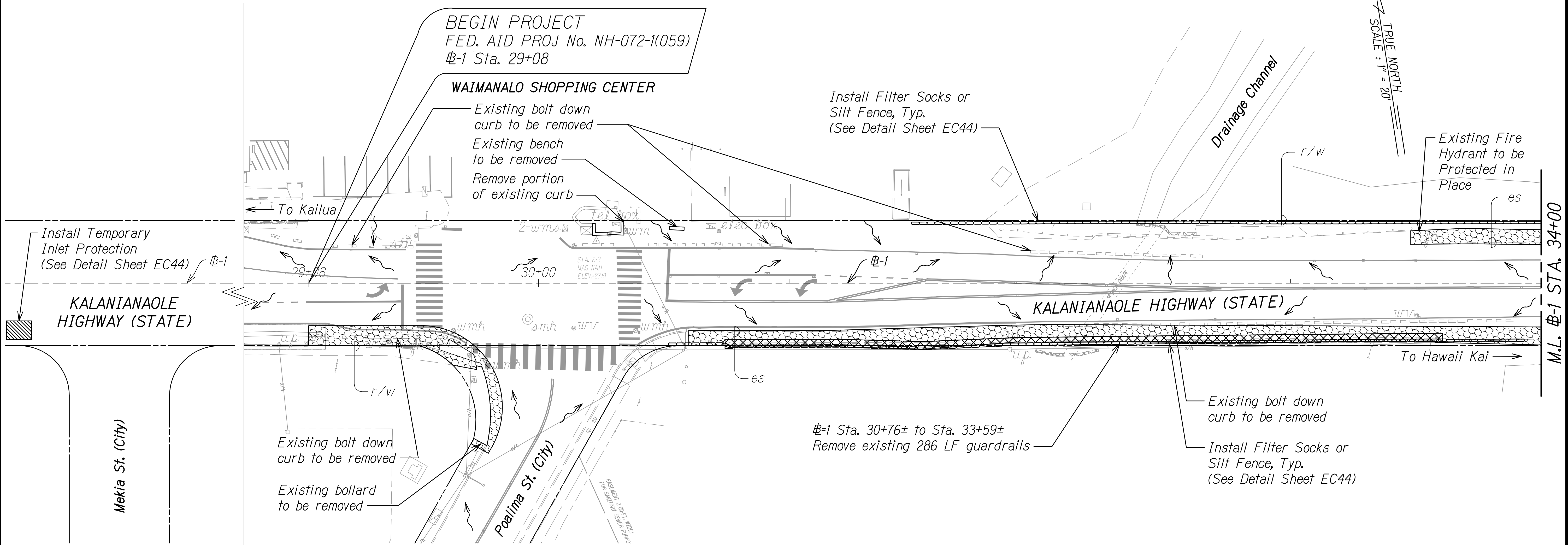


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	13	243



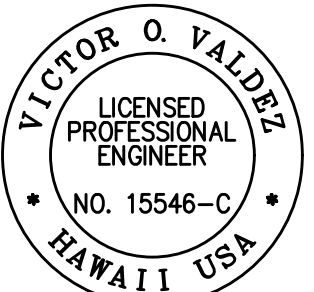
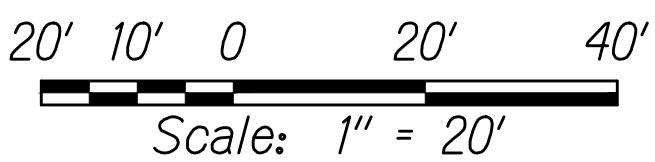
LEGEND:

- Flow Arrow
- Inlet Protection
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail
- Remove existing AC walkway and Curb

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
- The Contractor shall take proper precautions and make necessary measures to ensure compliance to all applicable but not limited to Federal, State, and HDOT guidelines.
- Limits of milling and roadway pavement reconstructions are shown in the Roadway Plans R1 - R43.
- Traffic sign related works resulting from the proposed improvements are shown in the Pavement Marking and Signing Plans M1 - M44.
- The Contractor shall only remove existing bushes and vegetation that may hinder construction work for this project related activities/phases and within the right-of-way. The Contractor shall be responsible to protect all open bare areas during all phases of construction to prevent erosion. Best Management Practices shall not be removed until final stabilization is complete for that phase. Bushes and vegetation shall be restored to pre-construction condition prior to final acceptance.
- The Contractor shall remove existing guardrails and install new guardrails concurrently or shall provide a suitable guardrail substitute until the new guardrails are installed.

GRAPHIC SCALE:



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[Signature]
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04/30/22
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

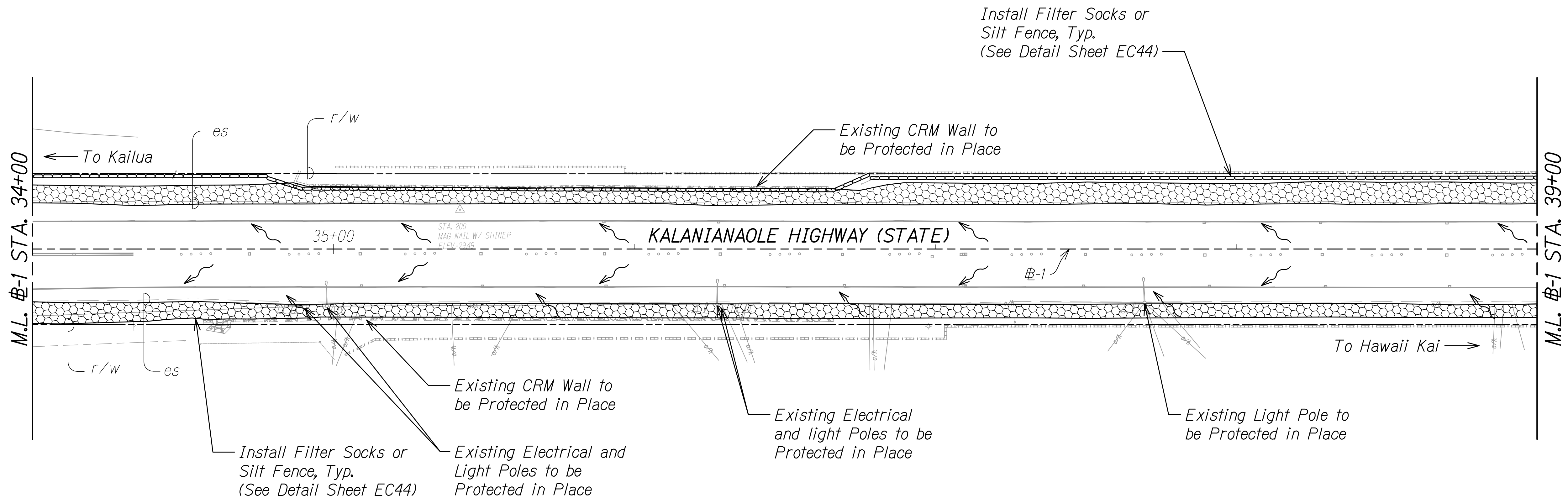
KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC1** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	14	243

TRUE NORTH
SCALE : 1" = 20'



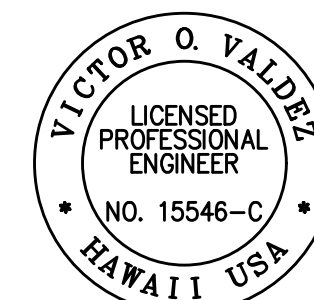
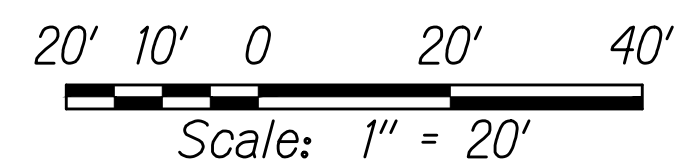
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove existing AC walkway and Curb

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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- Limits of milling and roadway pavement reconstructions are shown in the Roadway Plans R1 - R43.
- Traffic sign related works resulting from the proposed improvements are shown in the Pavement Marking and Signing Plans M1 - M44.
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GRAPHIC SCALE:



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04/30/22
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANAʻOLE HIGHWAY IMPROVEMENTS PHASE 2

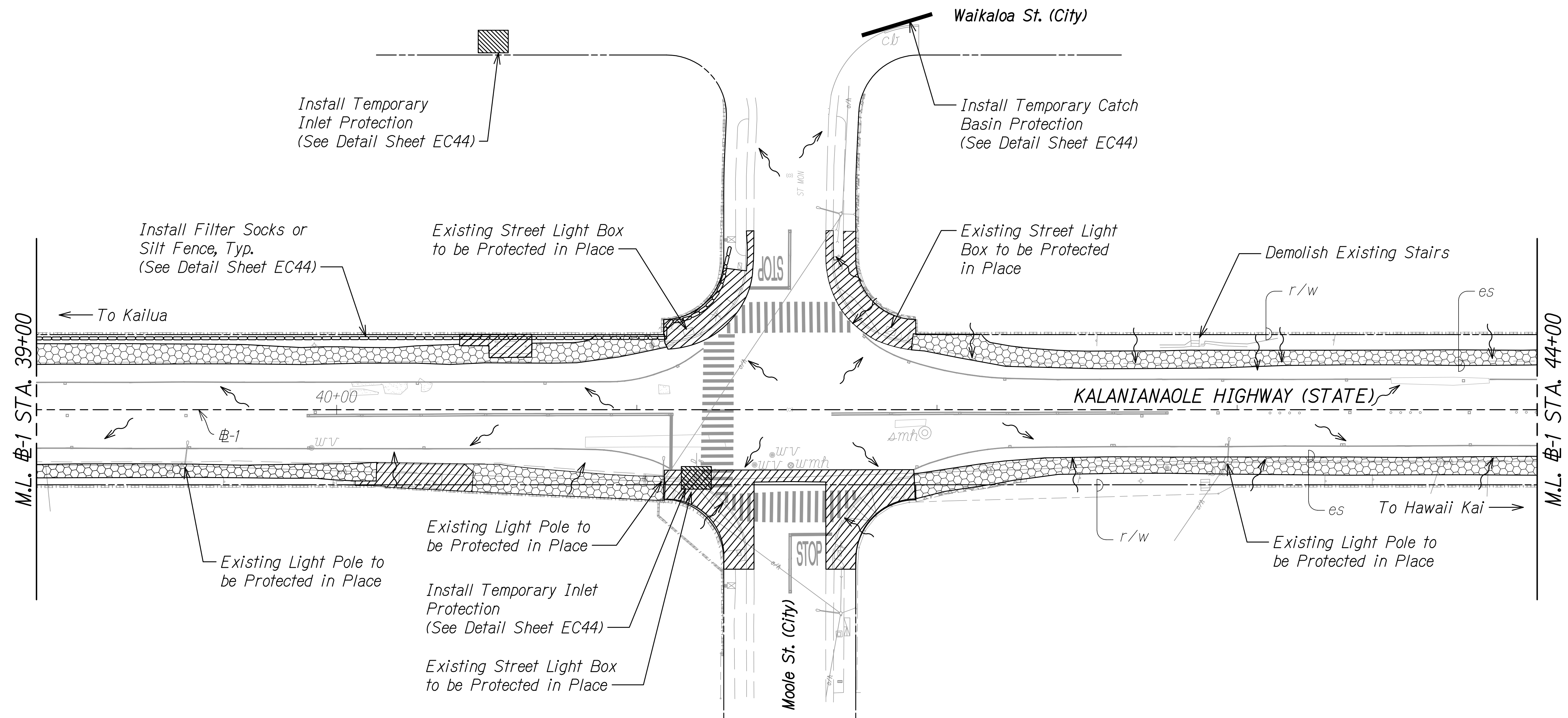
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC2** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	15	243



TRUE NORTH
SCALE: 1" = 20'

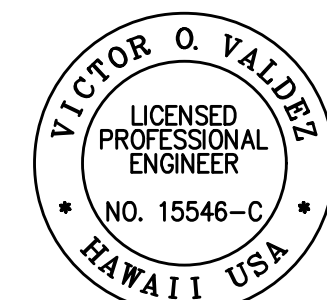
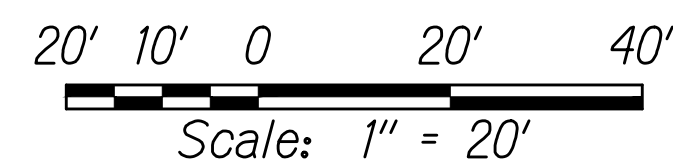
LEGEND:

- Flow Arrow
- Inlet Protection
- Install Filter Sock or Silt Fence
- Remove existing Bus Pad, PCC Sidewalk, Curb Ramp, Curb and Gutter
- Remove existing AC walkway and Curb
- Existing Drain Inlet
- Catch Basin Protection

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

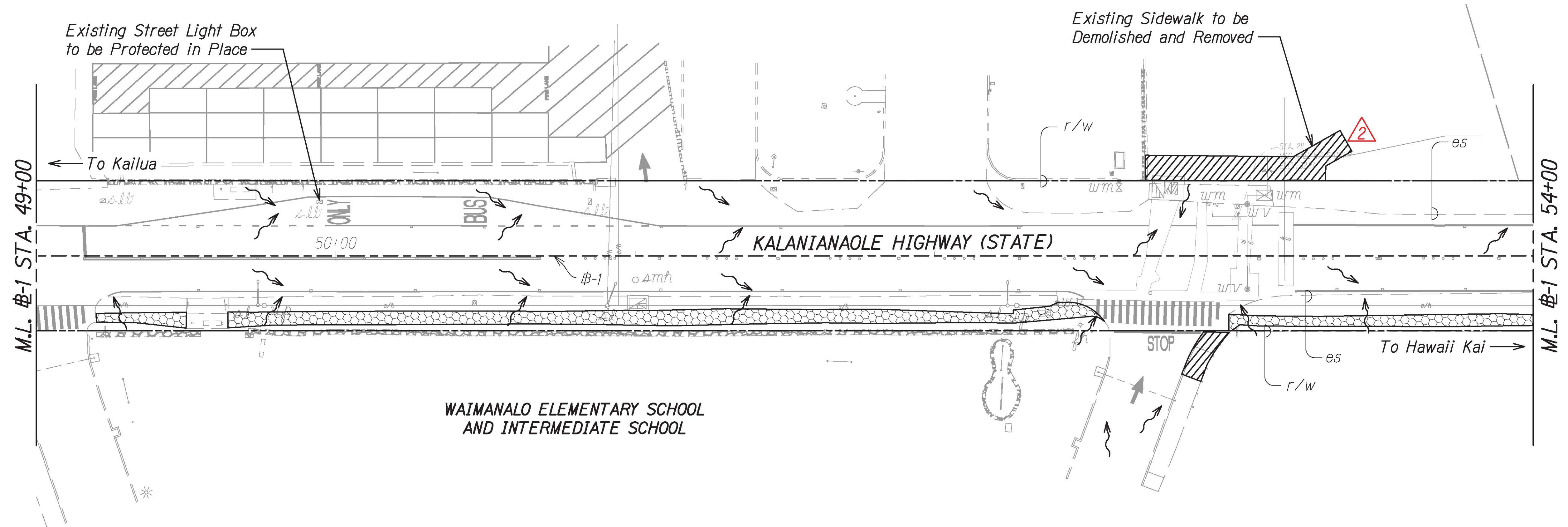
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC3** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	ADD. 17	243



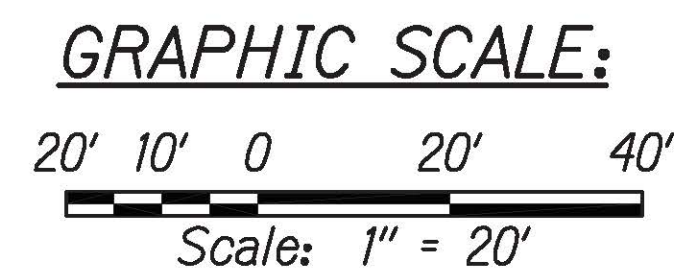
TRUE NORTH
SCALE: 1" = 20'

LEGEND:

- Flow Arrow
- Remove existing PCC Sidewalk, Bus Pad and PCC Curb
- Remove existing AC walkway

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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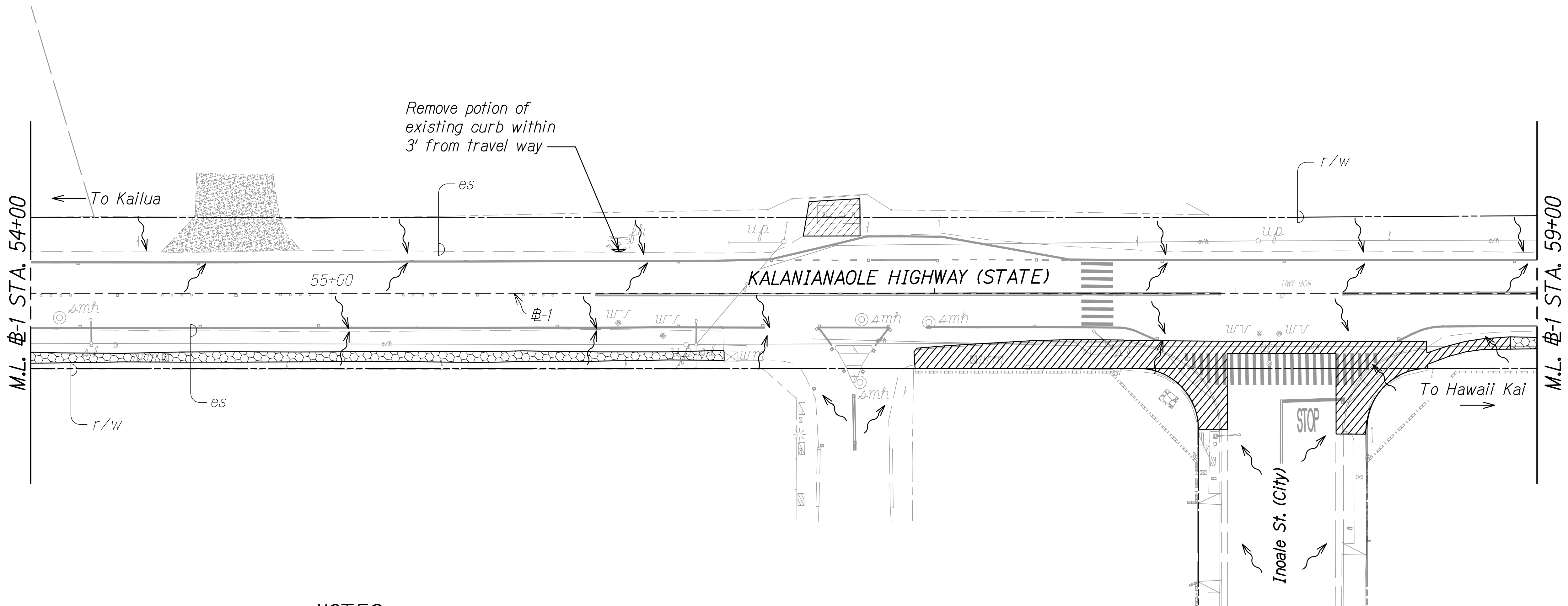
04/30/22
SIGNATURE EXPIRATION DATE
OF THE LICENSE

3/26/21	Added Missing Walkway Hatch
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DEMOLITION AND EROSION CONTROL PLAN KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2 Poalima Street to Vicinity of Makai Pier Federal-Aid Project No. NH-072-1(059) Scale: 1" = 20' Date: March 2021	
SHEET No. EC5 OF 44 SHEETS	

G:\CIVIL_3D PROJECTS\2017_002.000 DOT KAL HWY RESURFACING POALIMA TO HULI\01 CE DWG\EC1-EC8 DEMO AND EC PLAN.DWG 3/29/2021 11:25 AM

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	18	243

TRUE NORTH
SCALE : 1" = 20'



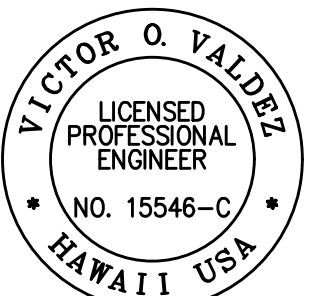
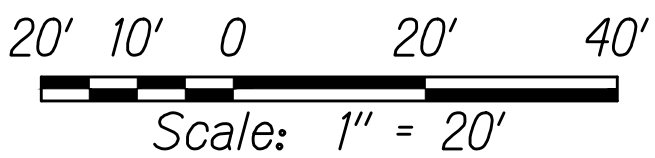
LEGEND:

- Flow Arrow
- Remove a portion of existing PCC Sidewalk, Bus Pad and PCC Curb
- Remove existing AC walkway

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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GRAPHIC SCALE:



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

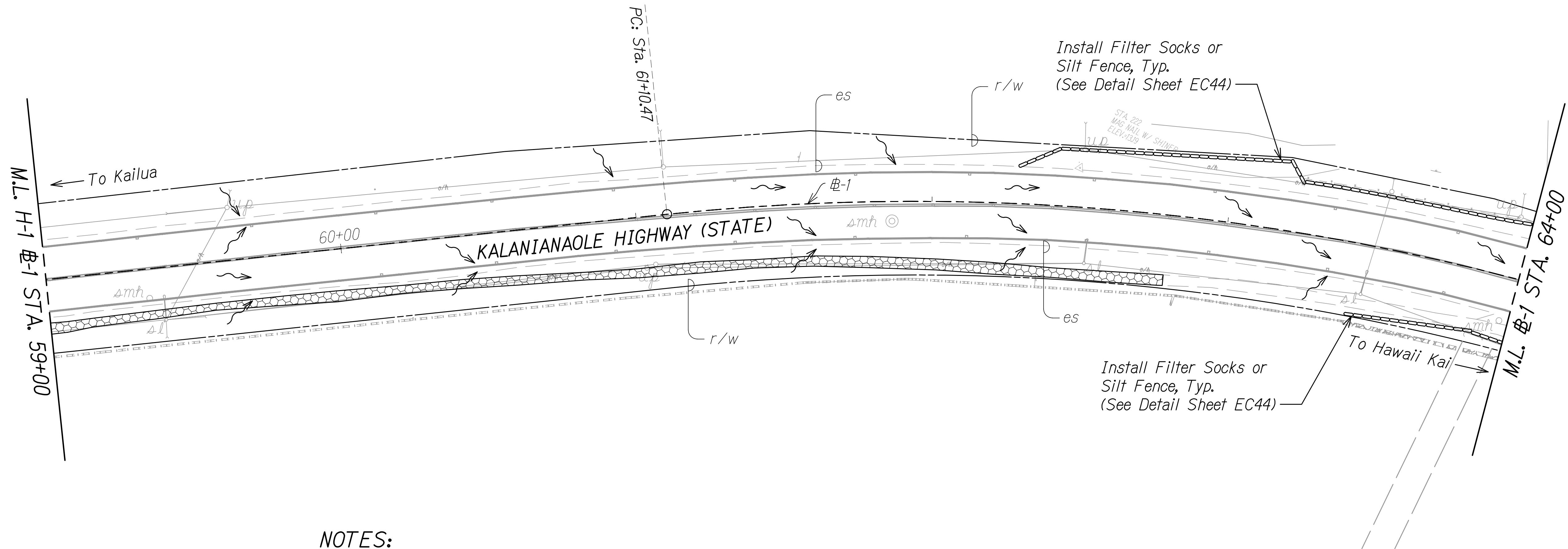
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC6 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	19	243

TRUE NORTH
SCALE: 1" = 20'



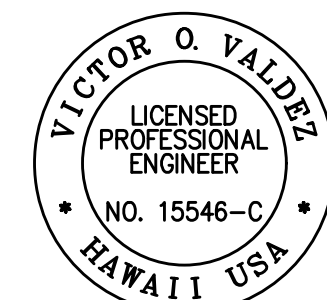
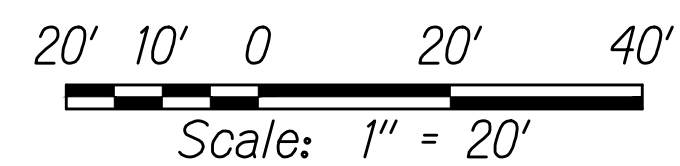
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove existing AC walkway

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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GRAPHIC SCALE:



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

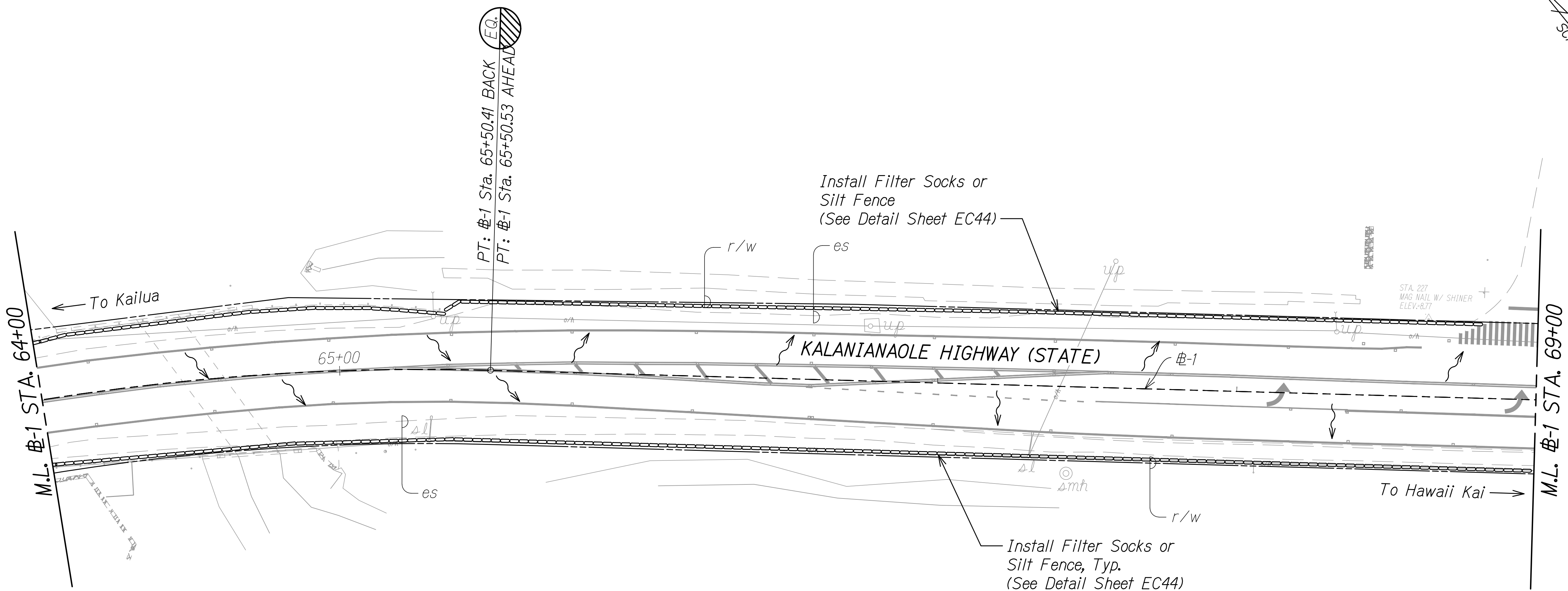
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC7 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	20	243



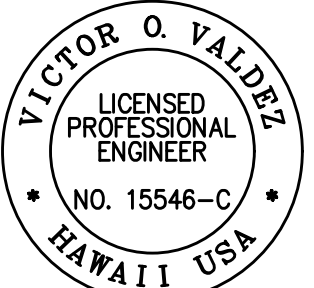
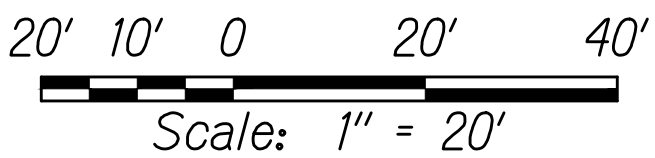
LEGEND:

- ~> Flow Arrow
- Install Filter Sock or Silt Fence

NOTES:

1. Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
2. The Contractor shall take proper precautions and make necessary measures to ensure compliance to all applicable but not limited to Federal, State, and HDOT guidelines.
3. Limits of milling and roadway pavement reconstructions are shown in the Roadway Plans R1 - R43.
4. Traffic sign related works resulting from the proposed improvements are shown in the Pavement Marking and Signing Plans M1 - M44.
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

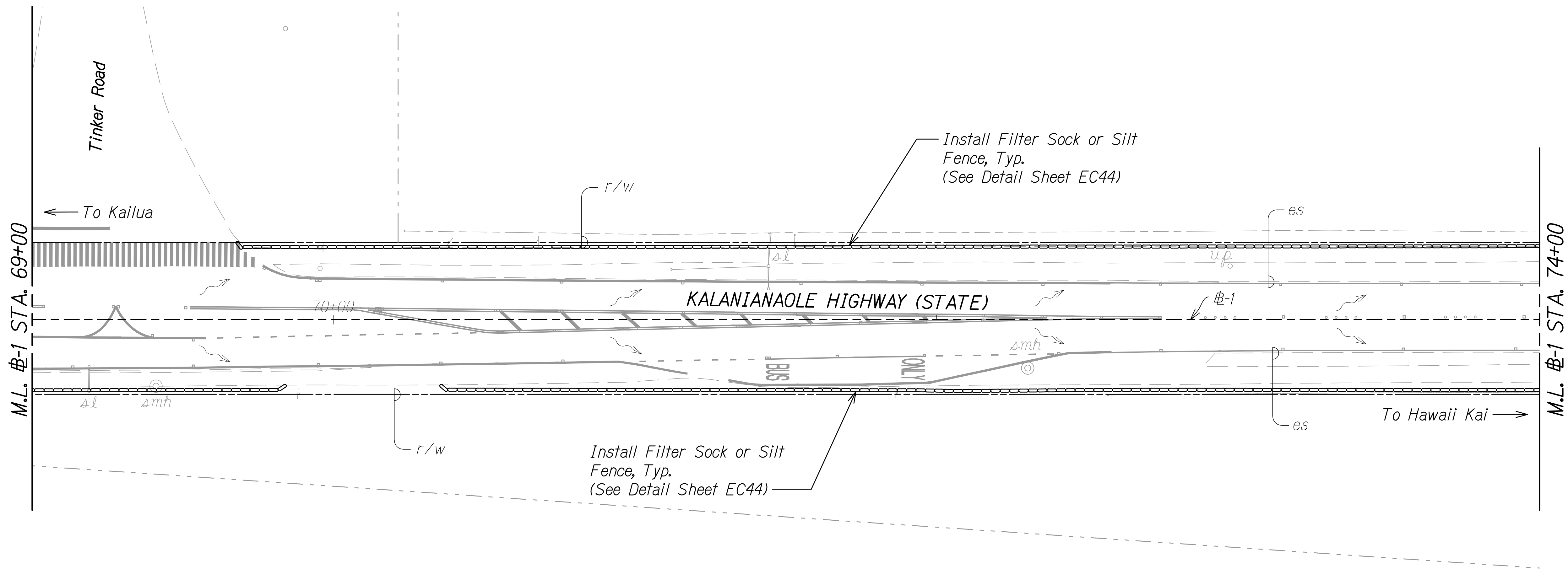
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)



Scale: 1" = 20' Date: January 2021

SHEET No. EC8 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	21	243



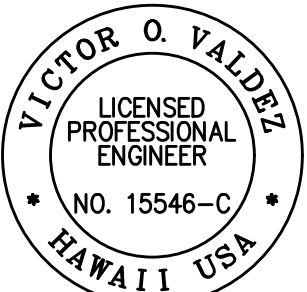
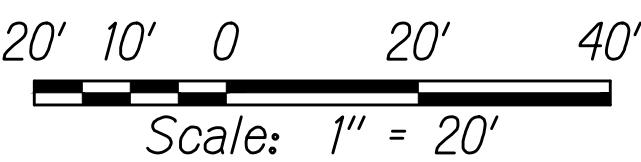
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

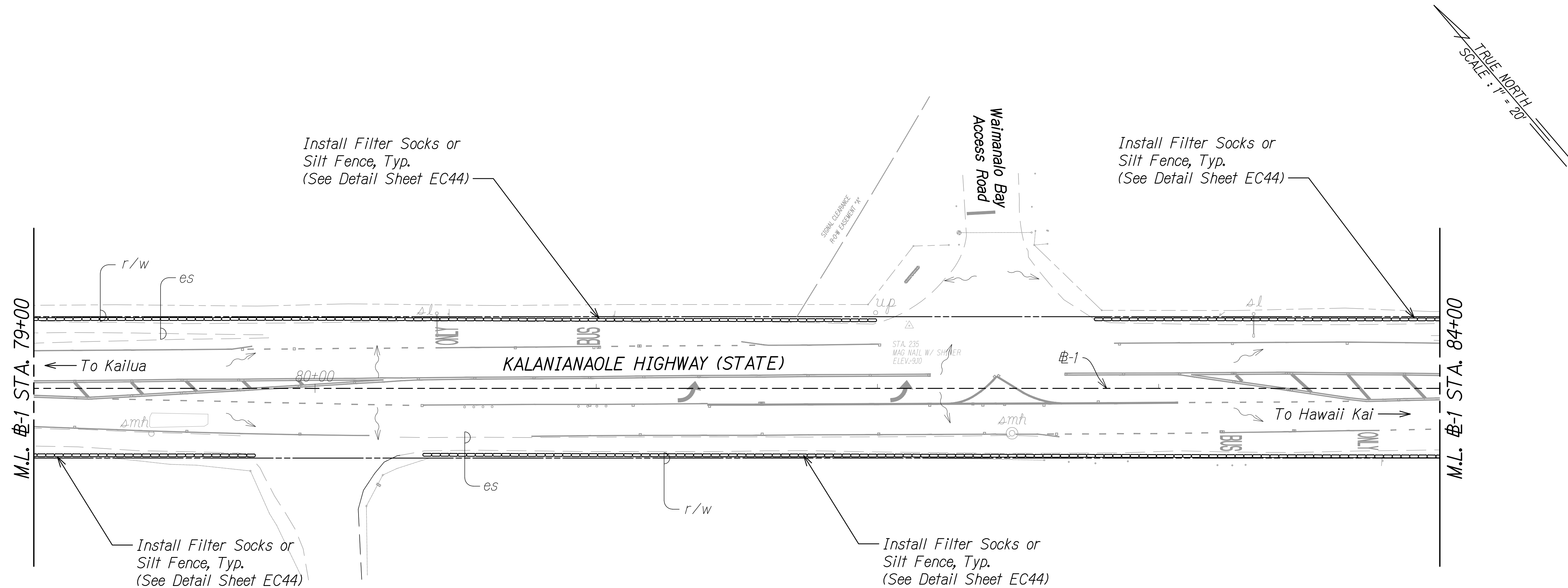
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC9 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	23	243



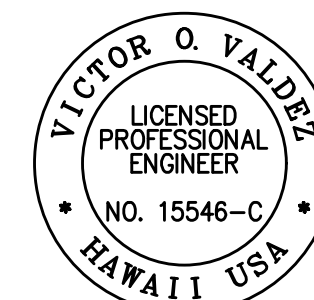
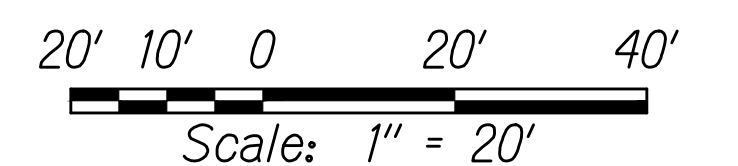
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence

NOTES:

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GRAPHIC SCALE:



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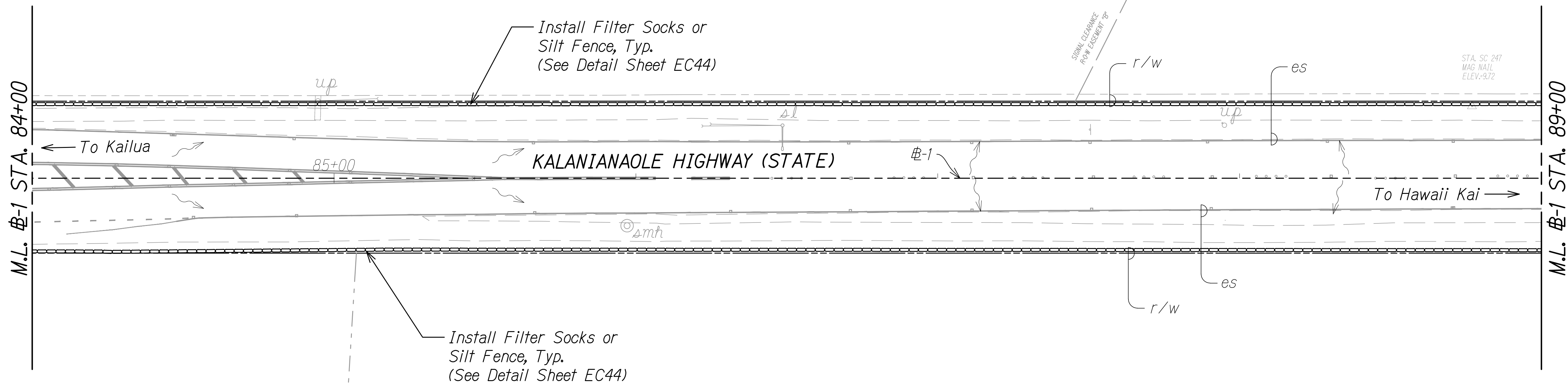
SIGNATURE

04/30/22
EXPIRATION DATE
OF THE LICENSE



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
DEMOLITION AND EROSION CONTROL PLAN
KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)
Scale: 1" = 20' Date: January 2021
SHEET No. EC11 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	24	243

TRUE NORTH
SCALE: 1" = 20'



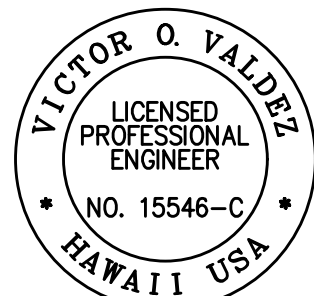
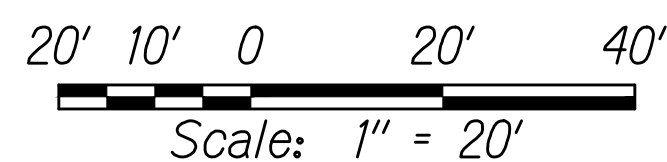
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence

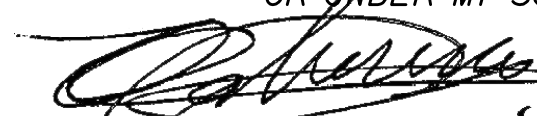
NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

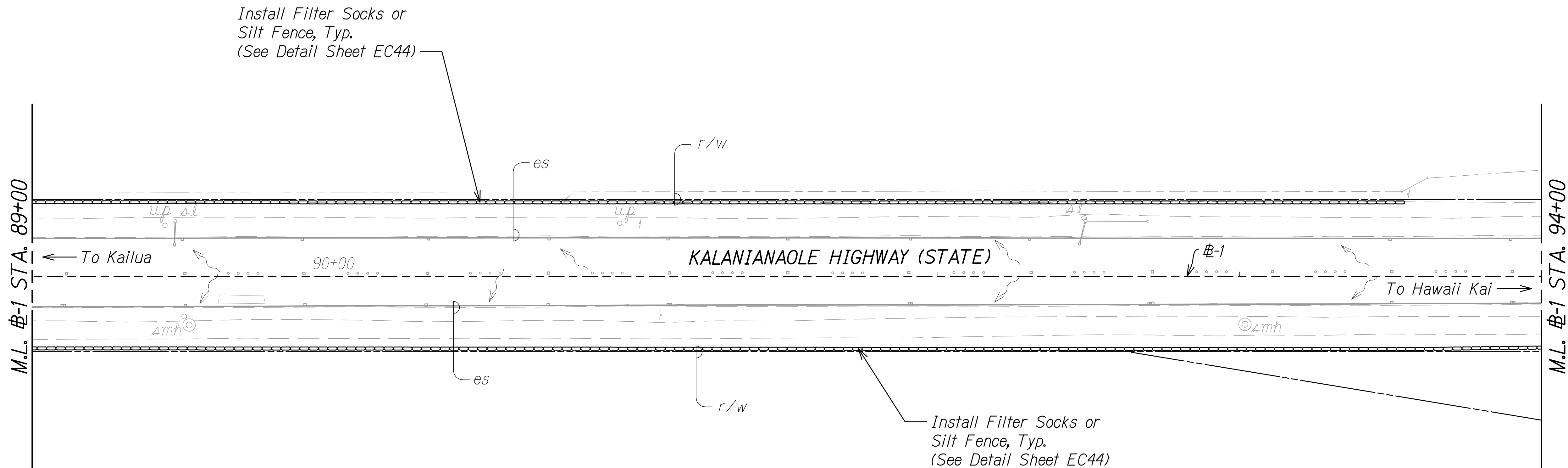
KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC12 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	25	243

TRUE NORTH
SCALE: 1" = 20'



LEGEND:

- ~> Flow Arrow
- Install Filter Sock or Silt Fence

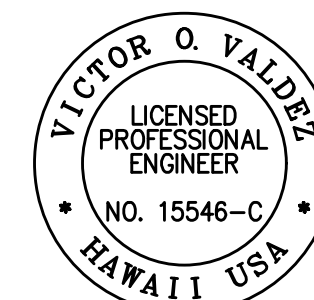
NOTES:

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GRAPHIC SCALE:

20' 10' 0 20' 40'

Scale: 1" = 20'



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04/30/22
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANAOLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

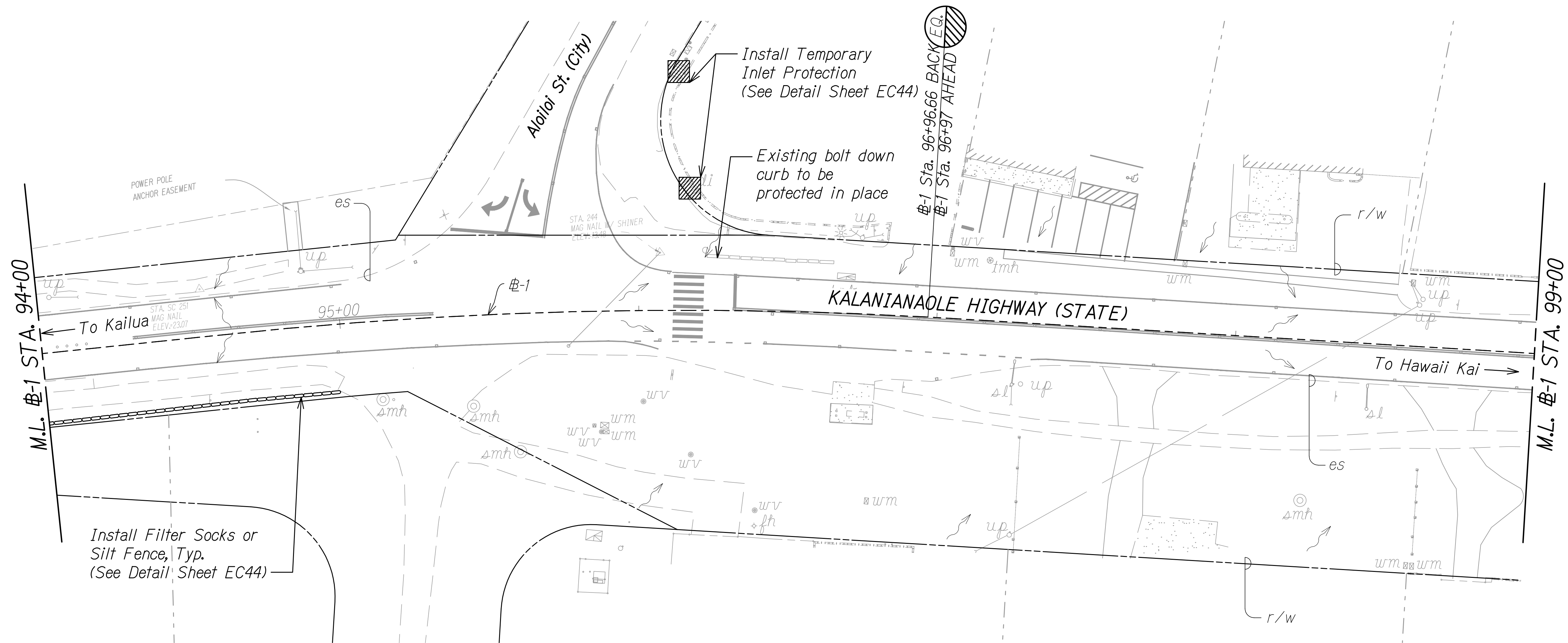
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC13 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	26	243

TRUE NORTH
SCALE: 1" = 20'



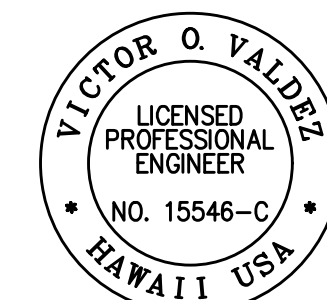
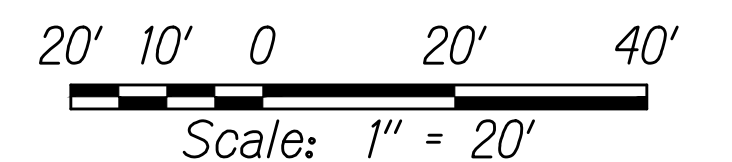
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Inlet Protection
- Exist. Drain Inlet

NOTES:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

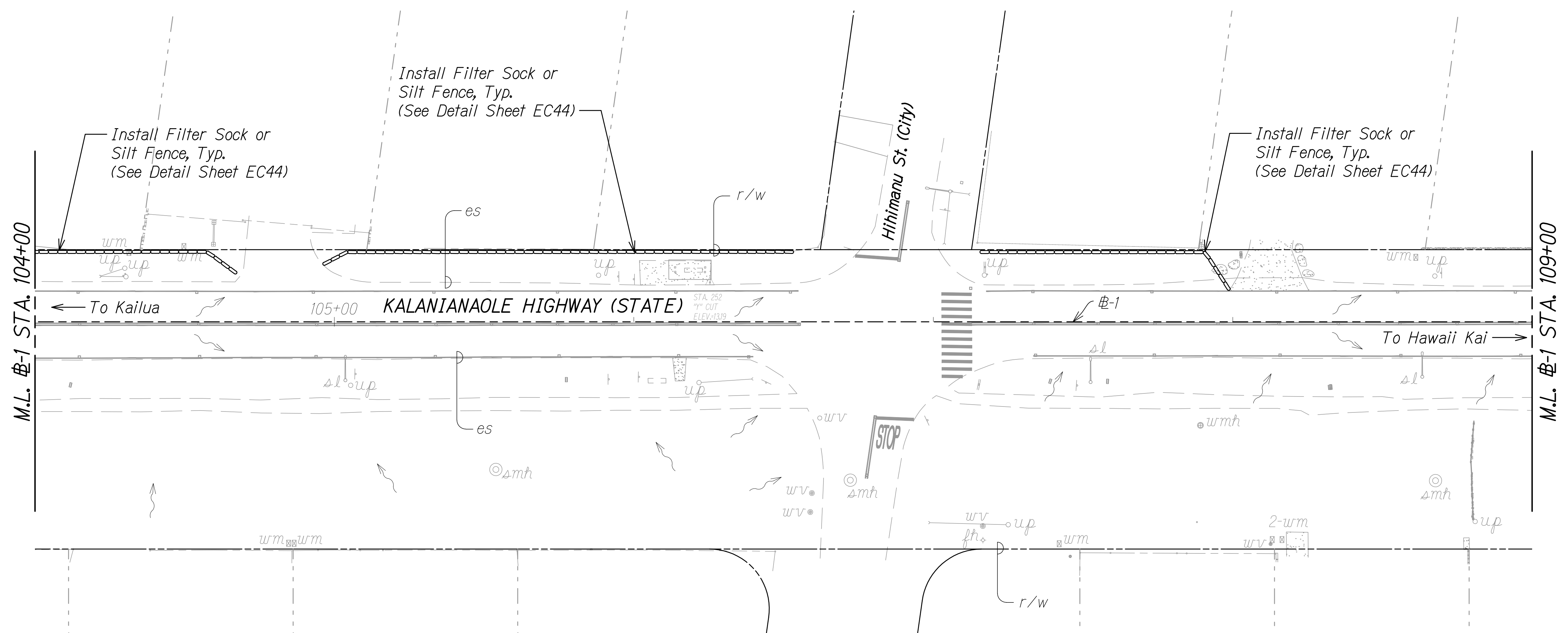
KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC14 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	28	243

TRUE NORTH
SCALE: 1" = 20'



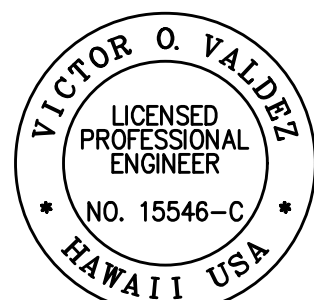
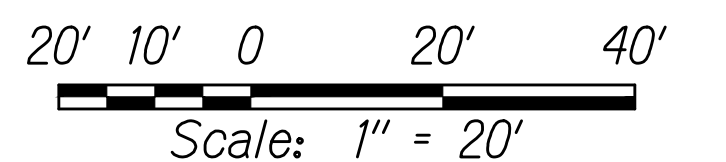
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence

NOTES:

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HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

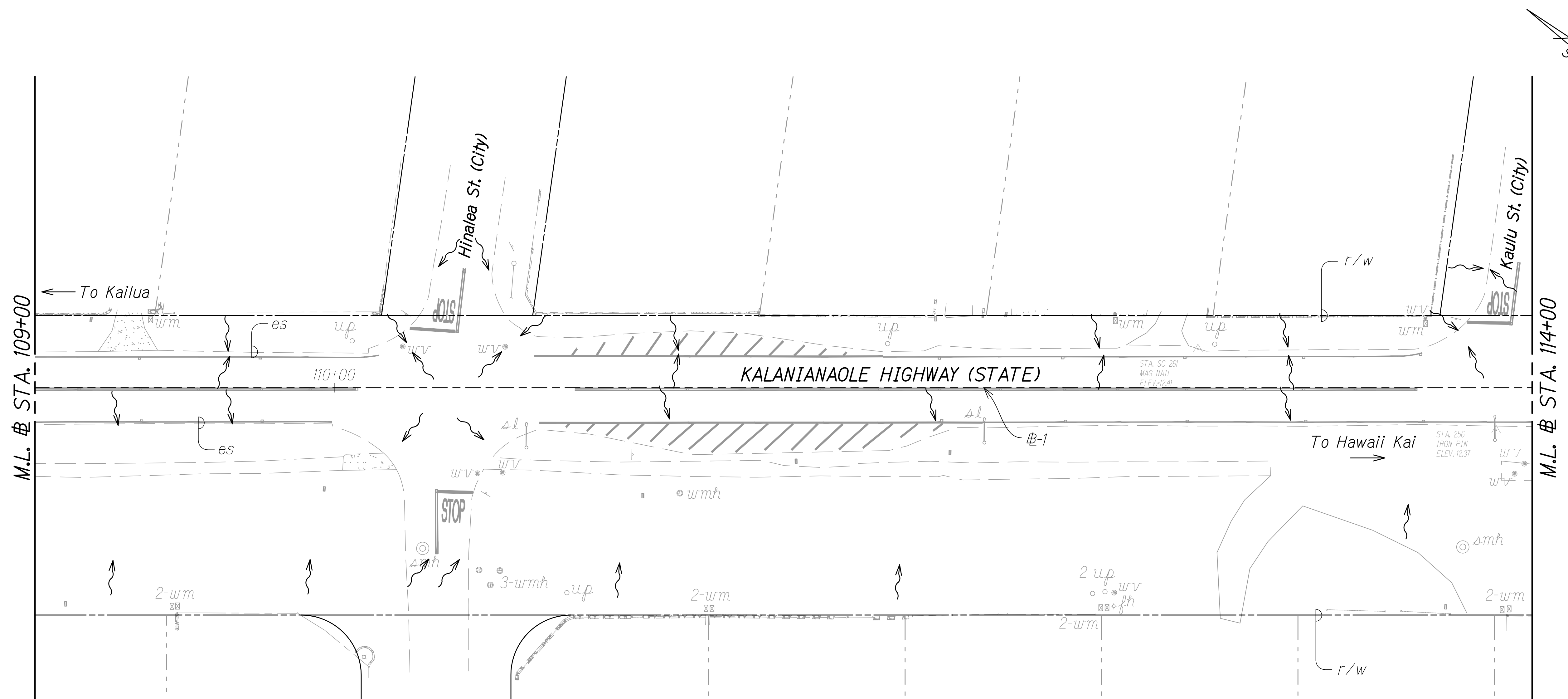
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC16 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	29	243



TRUE NORTH
SCALE: 1" = 20'

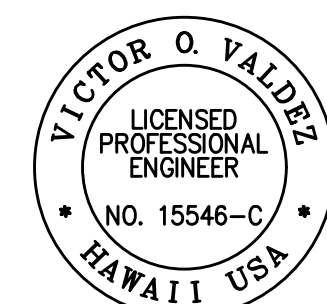
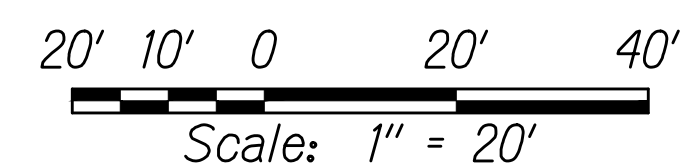
LEGEND:

~ Flow Arrow

NOTES:

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

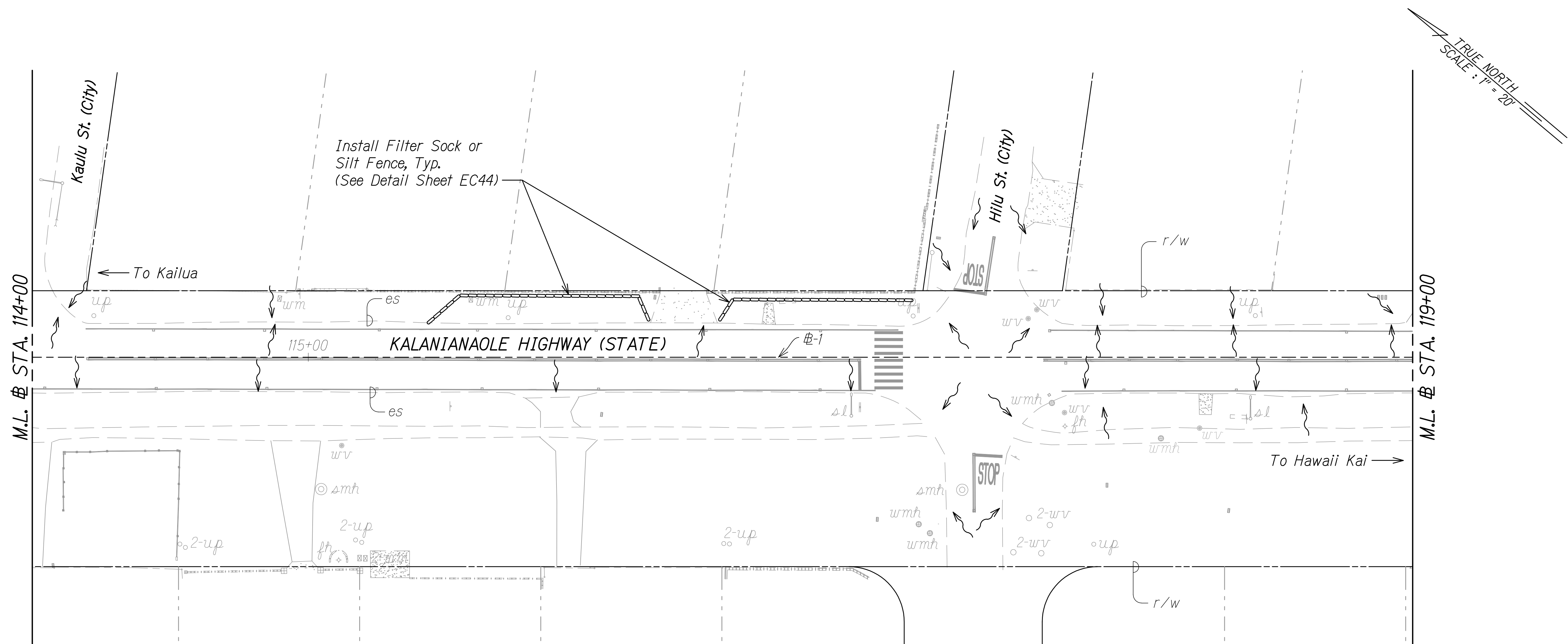
**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Paolima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC17 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	30	243

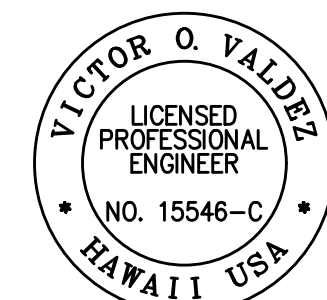
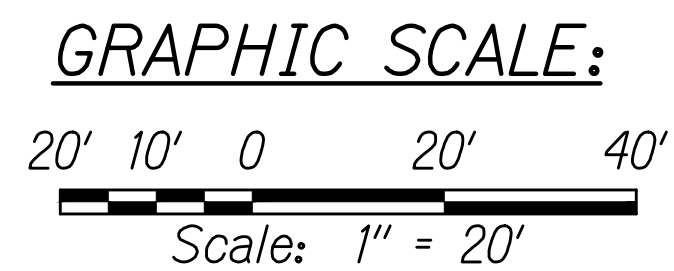


LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence

NOTES:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

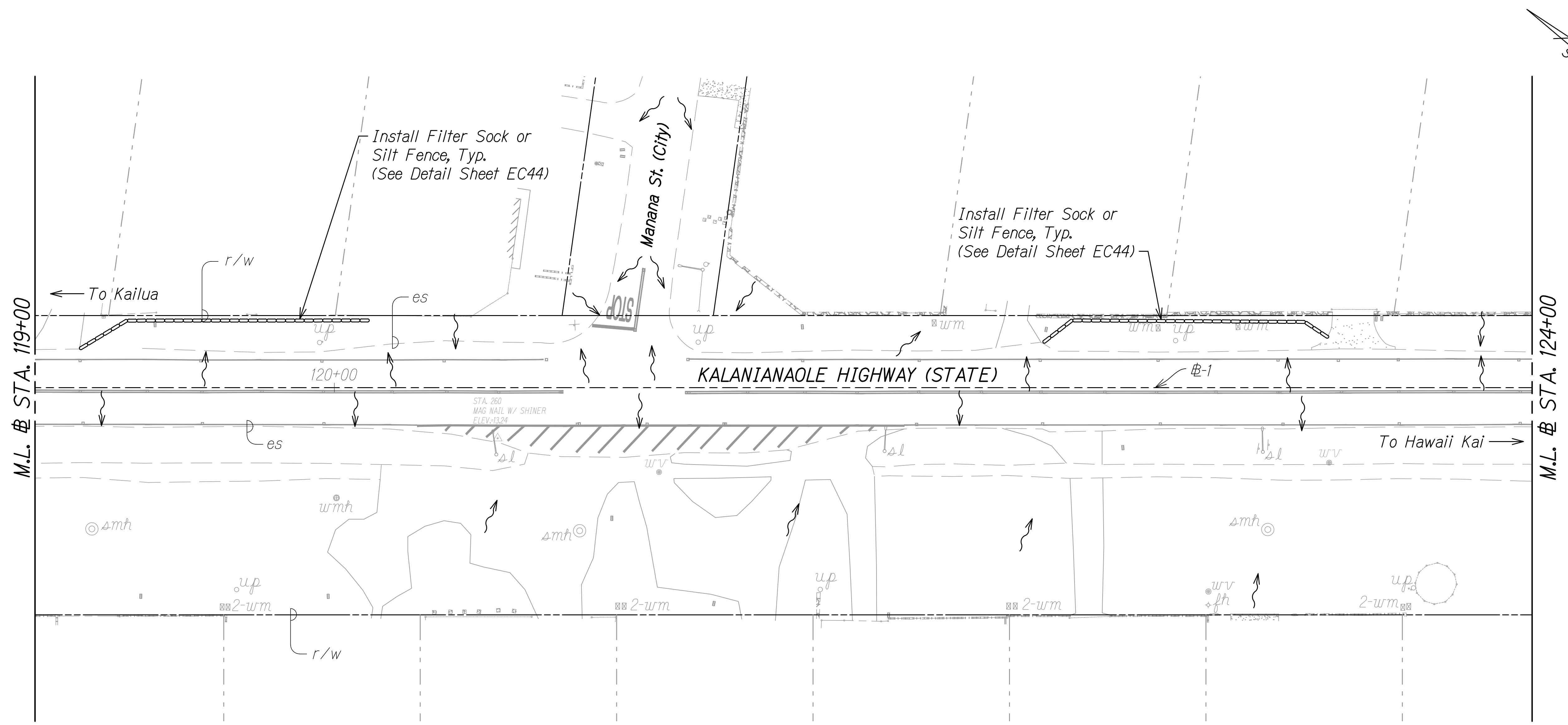
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC18 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	31	243

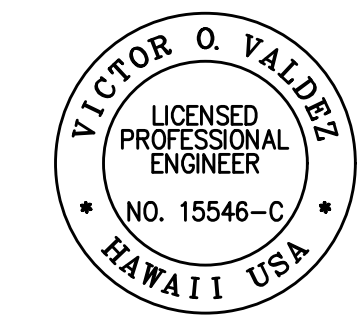
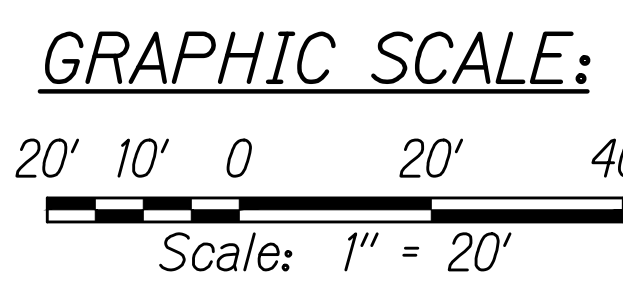


LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence

NOTES:

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

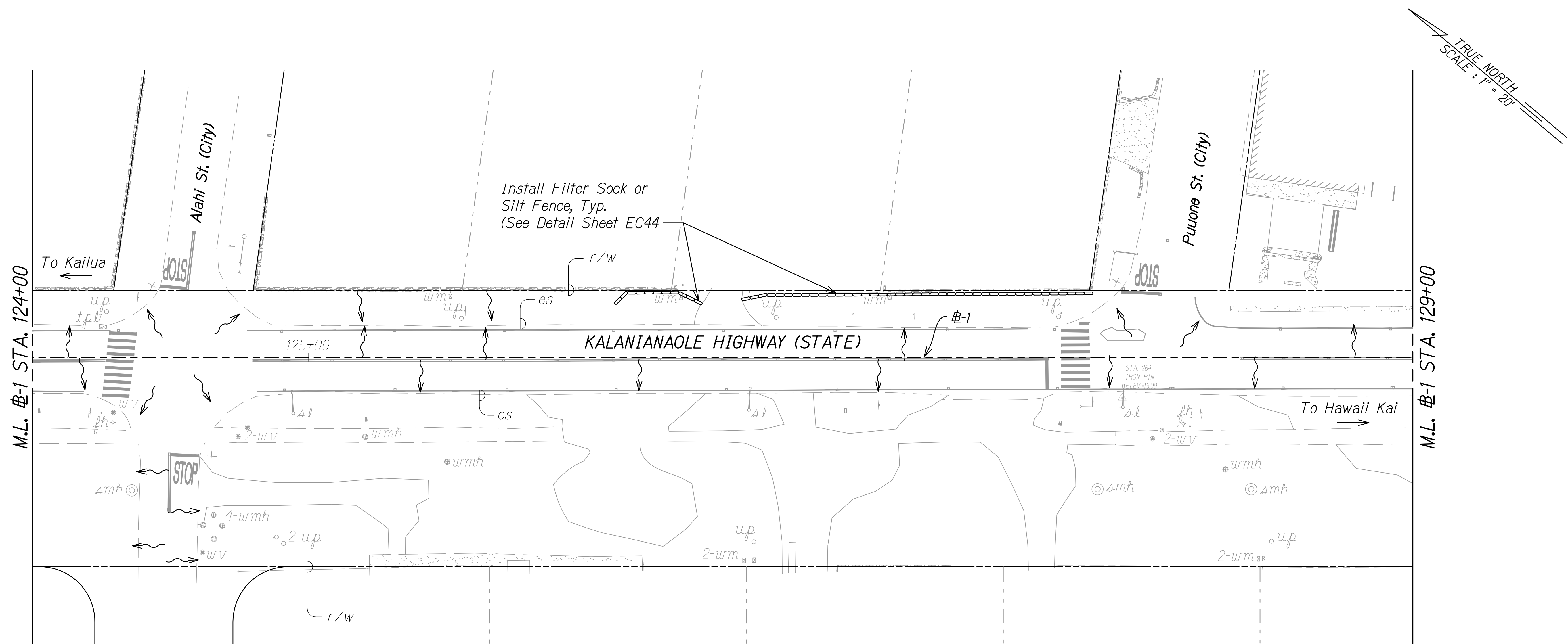
KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

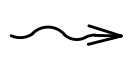

SHEET No. **EC19** OF **44** SHEETS

C:\CIVIL 3D PROJECTS\2017_002.000 DOT KAL HWY RESURFACING POALIMA TO HULU\01 CE DWG\EC17-EC25 DEMO AND EC PLAN.DWG 10/26/2020 6:50 PM

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	32	243



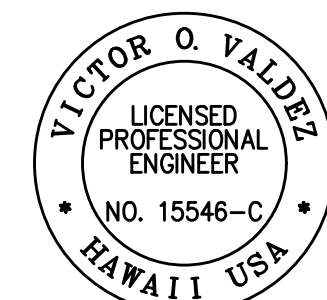
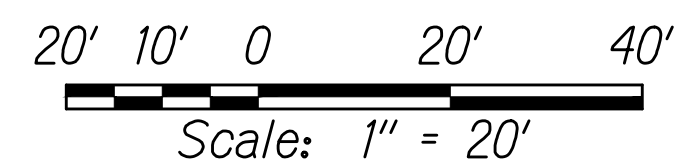
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence

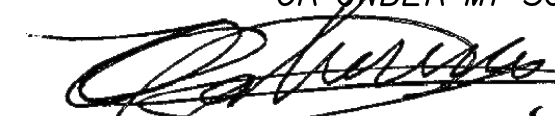
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04/30/22
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

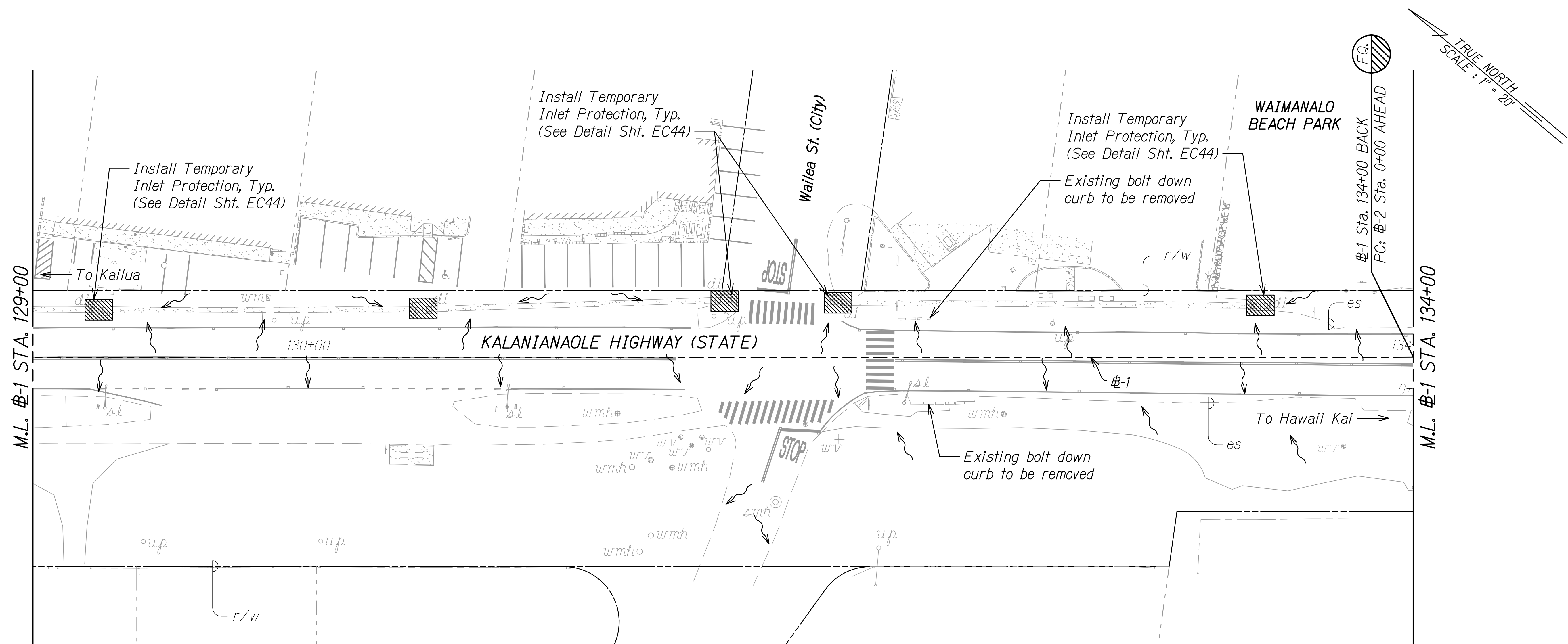
Paolima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC20 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	33	243



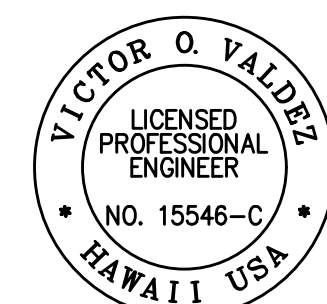
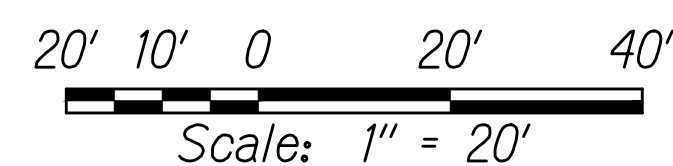
LEGEND:

- Flow Arrow
- Inlet Protection
- Existing Drain Inlet

NOTES:

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CONTROL PLAN**

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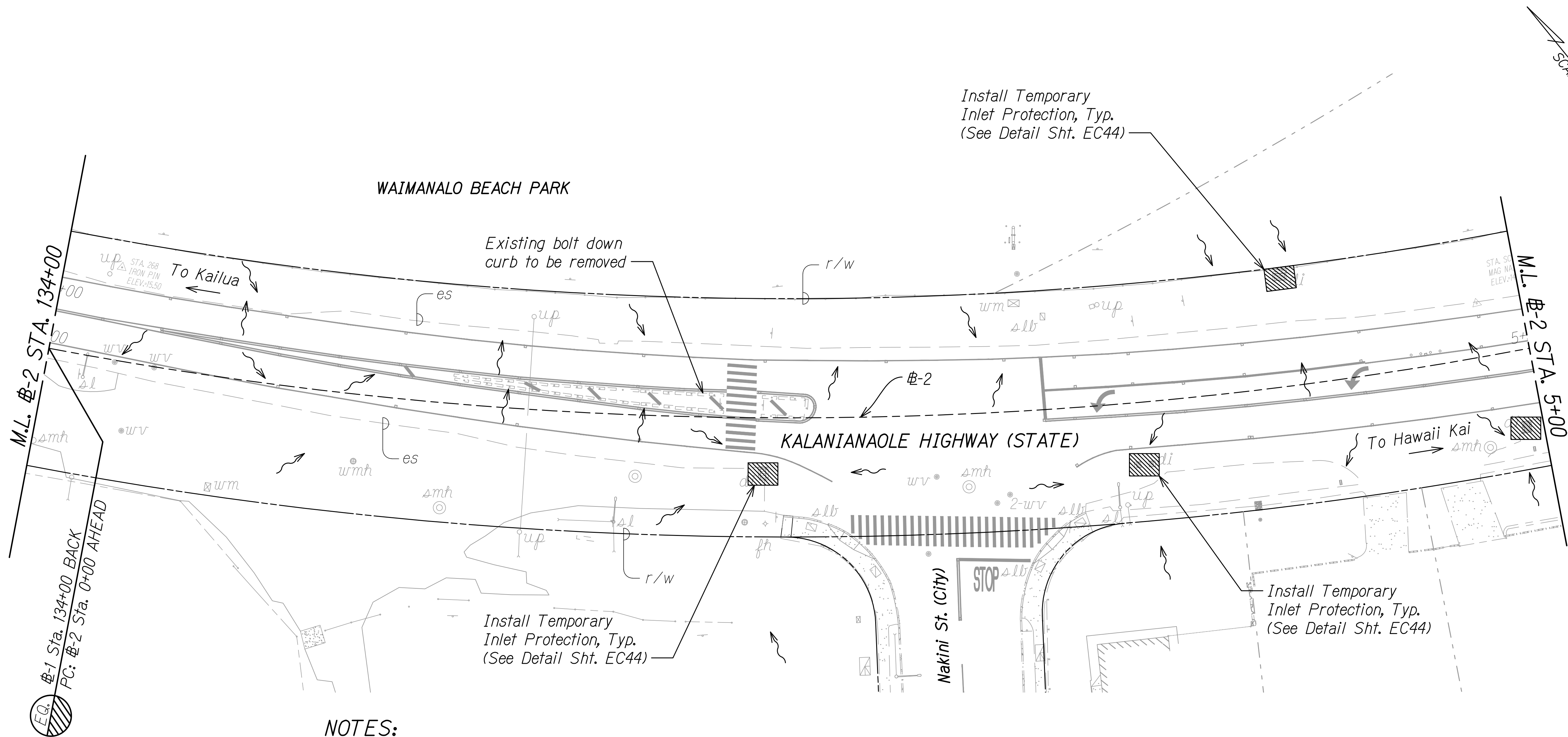
Paolima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC21 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	34	243



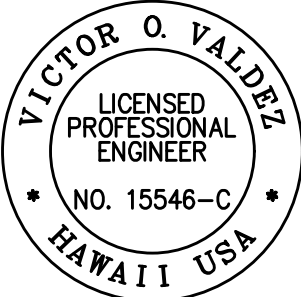
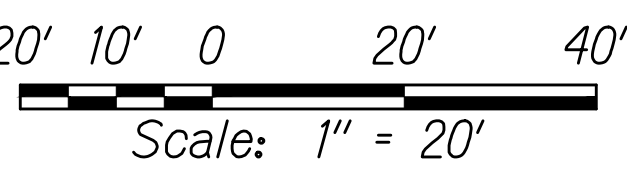
LEGEND:

- Flow Arrow
- Inlet Protection
- Existing Drain Inlet

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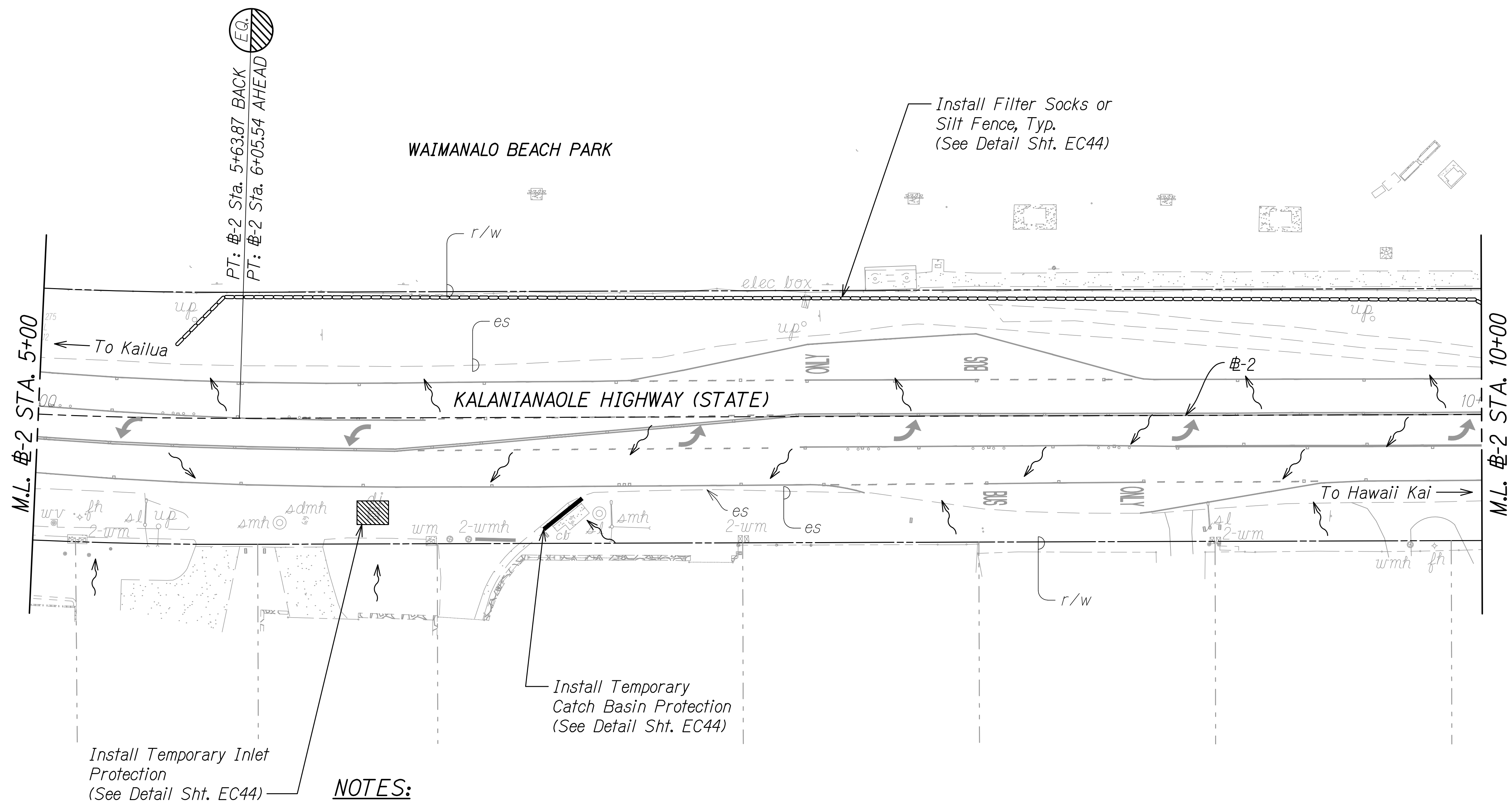
**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC22 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	35	243



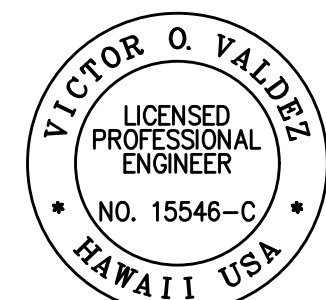
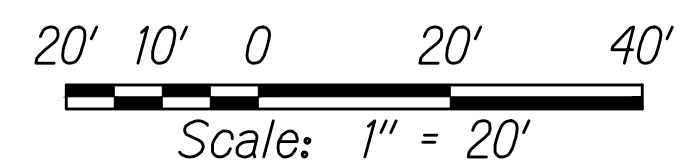
LEGEND:

- Flow Arrow
- Catch Basin Protection
- Inlet Protection
- Existing Drain Inlet
- Install Filter Sock or Silt Fence

NOTES:

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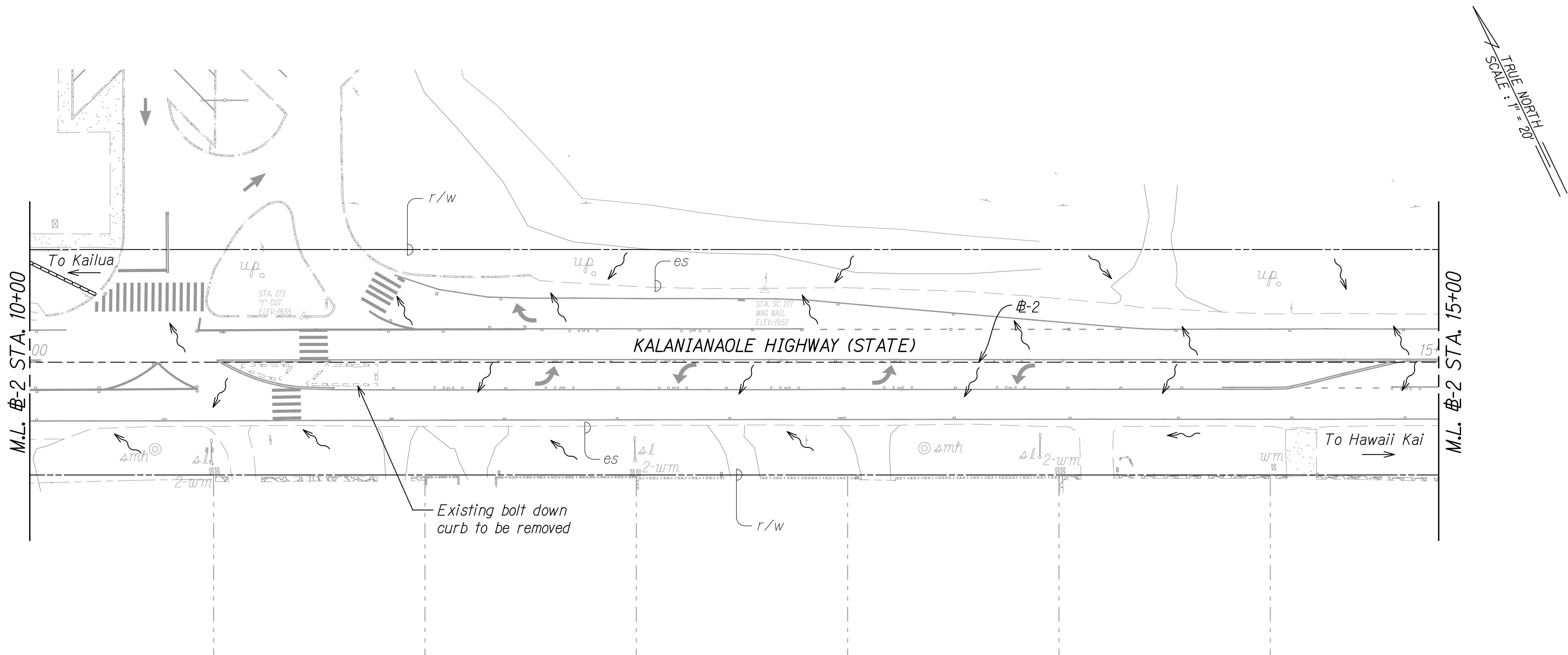
**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC23 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	36	243



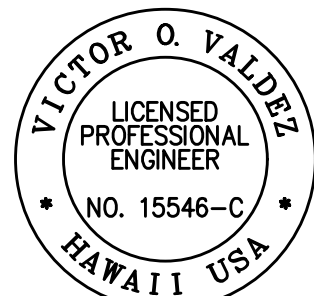
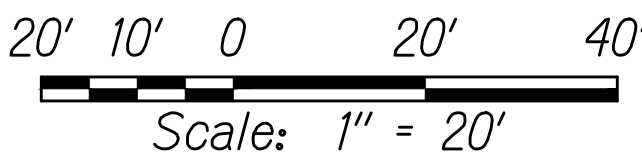
LEGEND:

~> Flow Arrow

NOTES:

1. Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
2. The Contractor shall take proper precautions and make necessary measures to ensure compliance to all applicable but not limited to Federal, State, and HDOT guidelines.
3. Limits of milling and roadway pavement reconstructions are shown in the Roadway Plans R1 - R43.
4. Traffic sign related works resulting from the proposed improvements are shown in the Pavement Marking and Signing Plans M1 - M44.
5. The Contractor shall only remove existing bushes and vegetation that may hinder construction work for this project related activities/phases and within the right-of-way. The Contractor shall be responsible to protect all open bare areas during all phases of construction to prevent erosion. Best Management Practices shall not be removed until final stabilization is complete for that phase. Bushes and vegetation shall be restored to pre-construction condition prior to final acceptance.

GRAPHIC SCALE:



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04/30/22
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

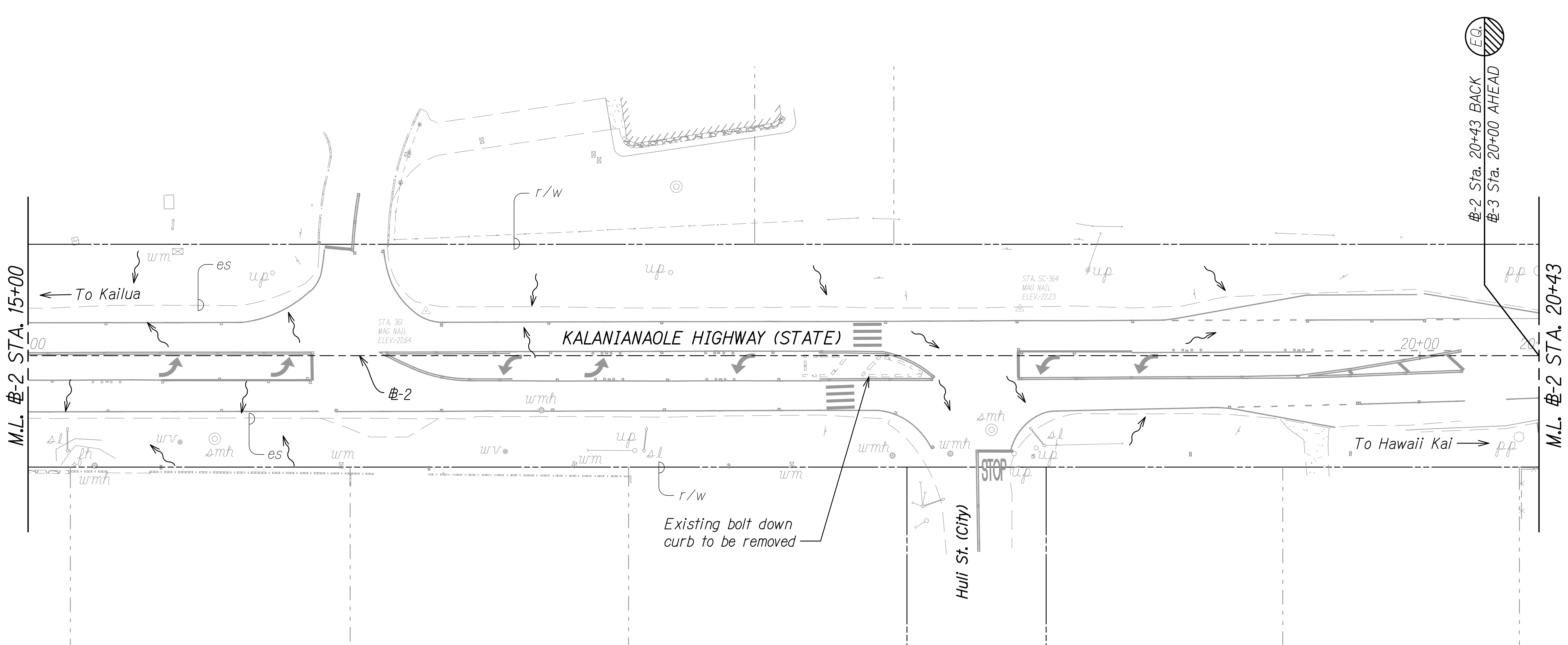
Poolima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC24** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	37	243



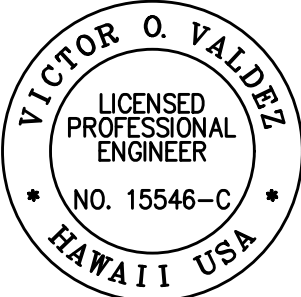
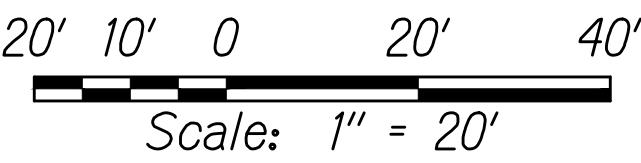
LEGEND:

~> Flow Arrow

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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANAʻOLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

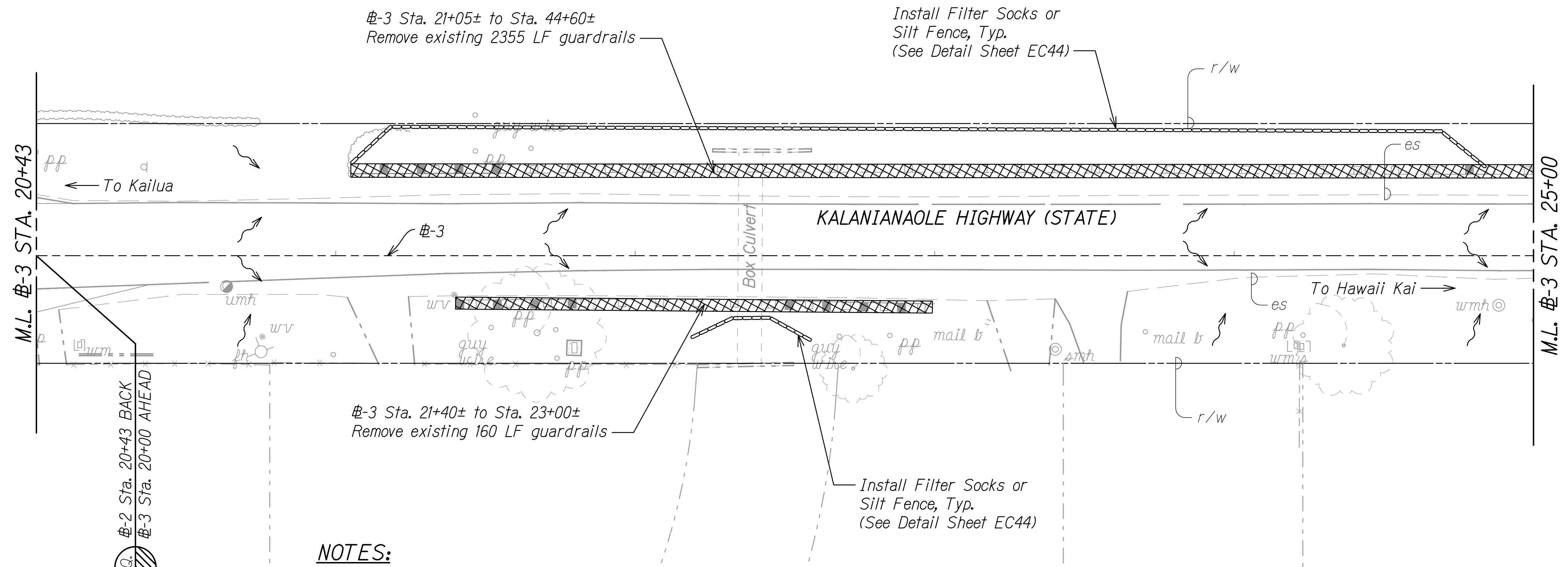
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC25** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	38	243

TRUE NORTH
SCALE: 1" = 20'



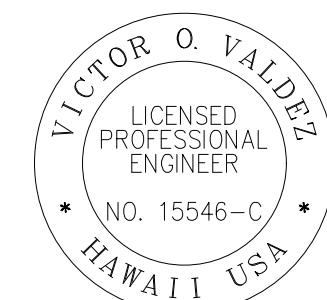
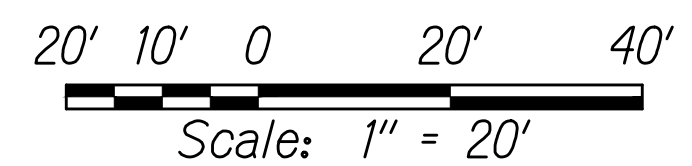
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Paolima Street to Vicinity of Makai Pier

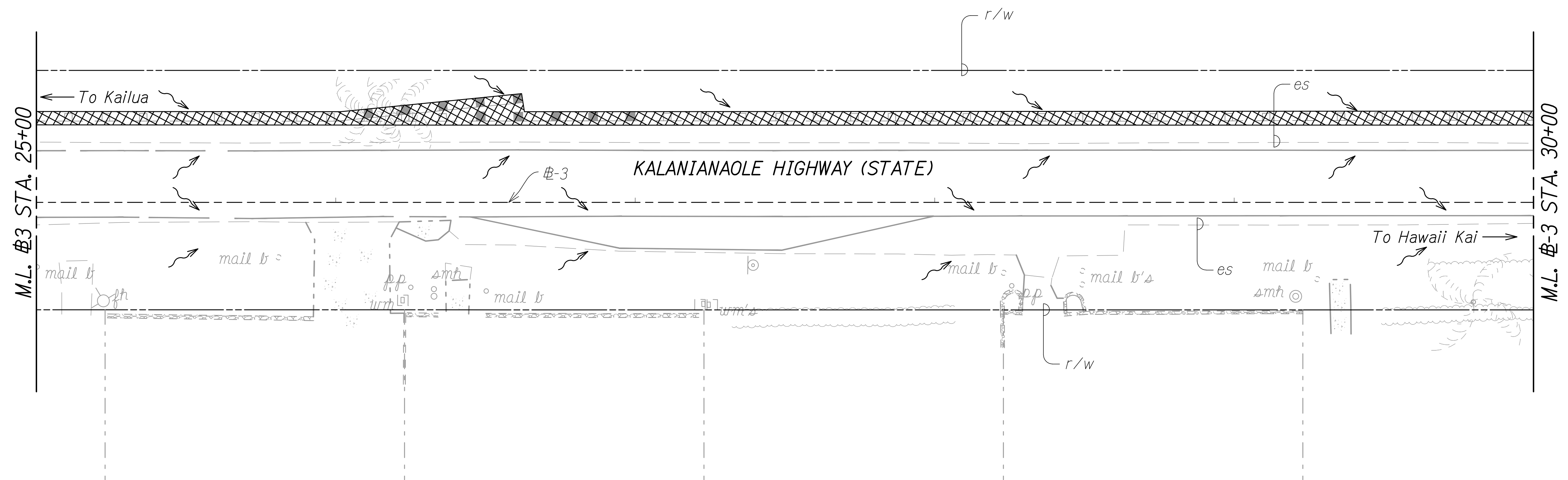
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC26 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	39	243

TRUE NORTH
SCALE: 1" = 20'



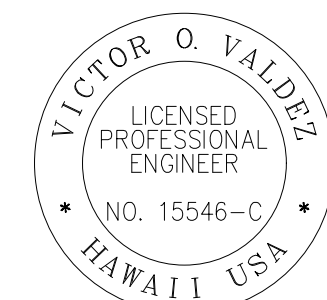
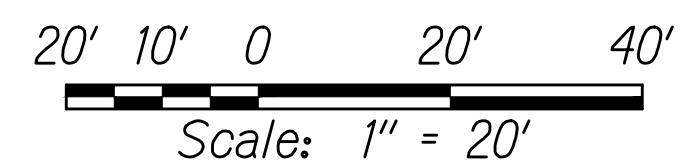
LEGEND:

- Flow Arrow
- Remove Existing Guardrail

NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Paolima Street to Vicinity of Makai Pier

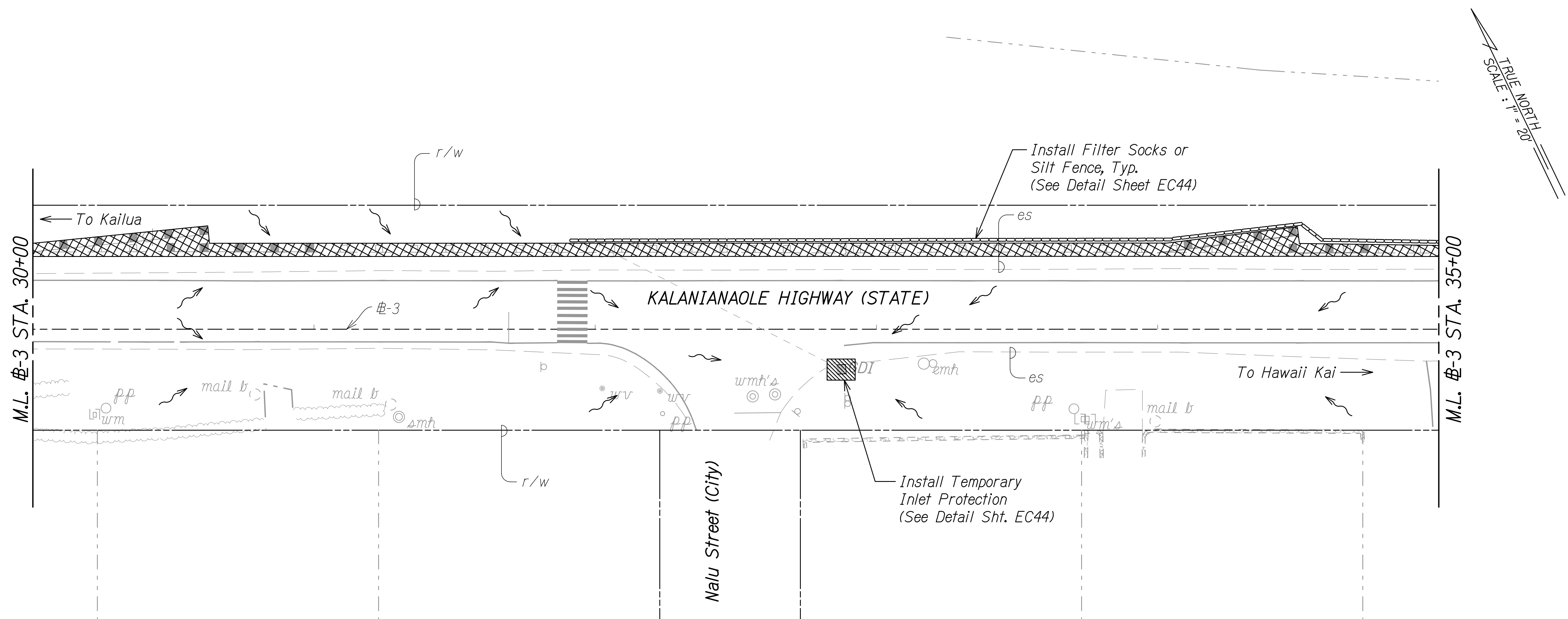
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021





SHEET No. EC27 OF 44 SHEETS

C:\CIVIL 3D PROJECTS\2017_002.000 DOT KAL HWY RESURFACING POALIMA TO HULL\01 CE DWG\EC26-EC29 DEMO AND EC PLAN.DWG 10/26/2020 6:57 PM

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	40	243



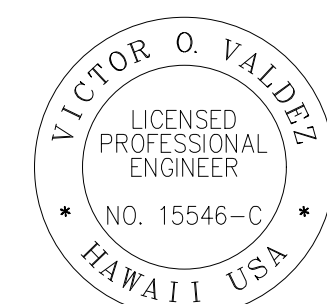
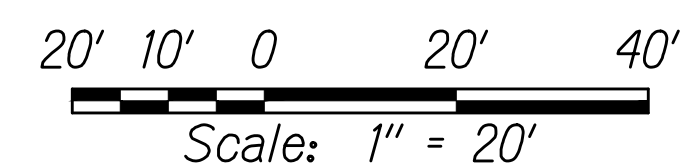
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence
-  Remove Existing Guardrail
-  Inlet Protection

NOTES:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

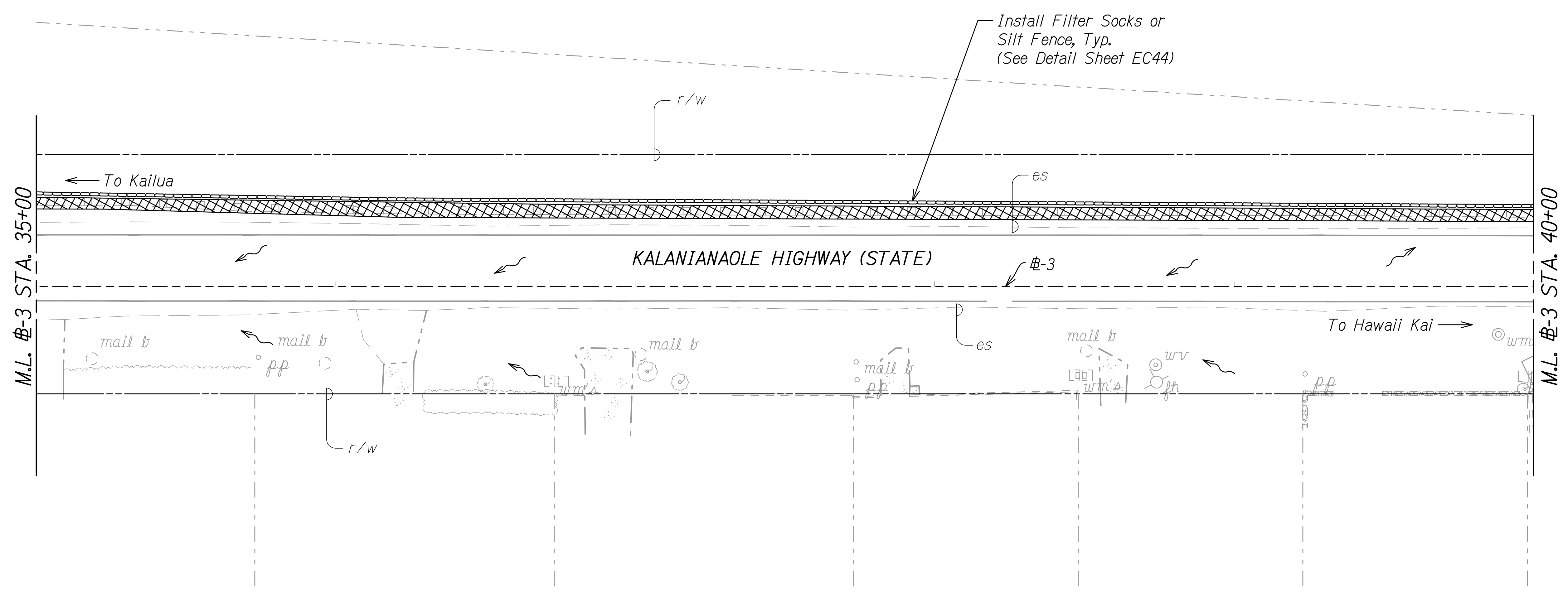
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC28** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	41	243

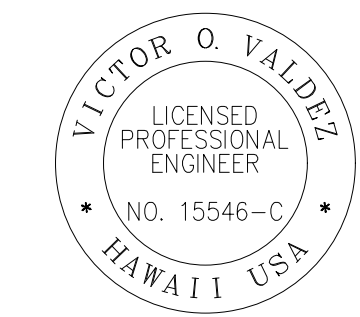
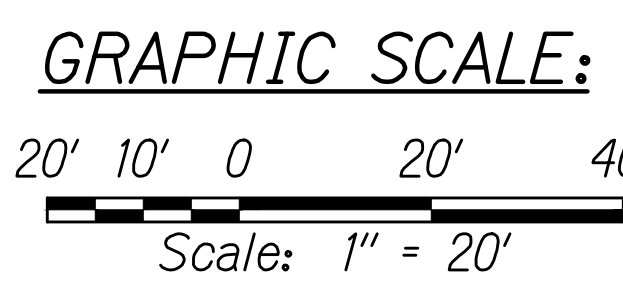


LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

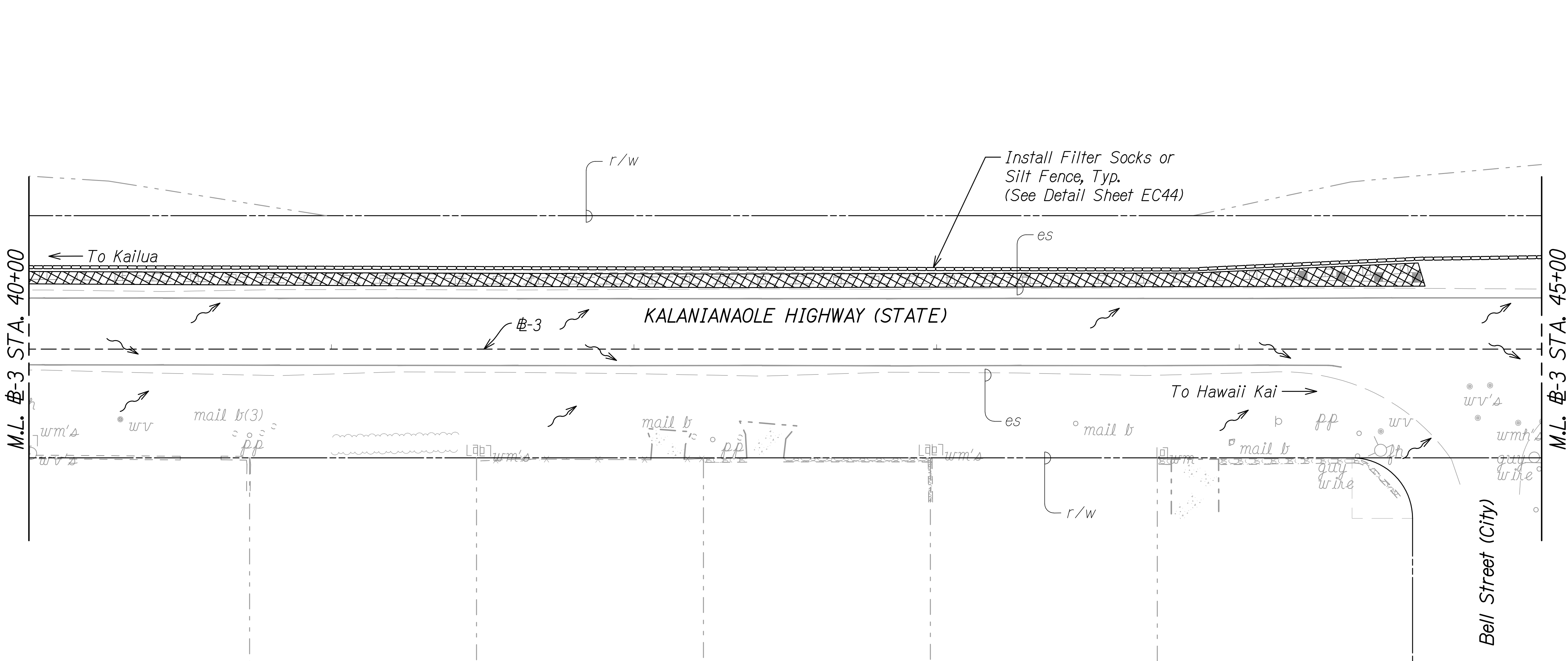
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC29** OF **44** SHEETS

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FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	42	243



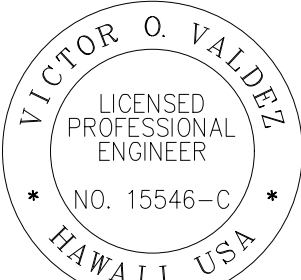
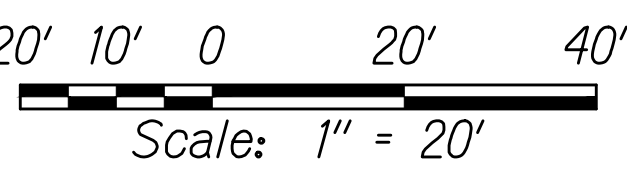
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence
-  Remove Existing Guardrail

NOTES:

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

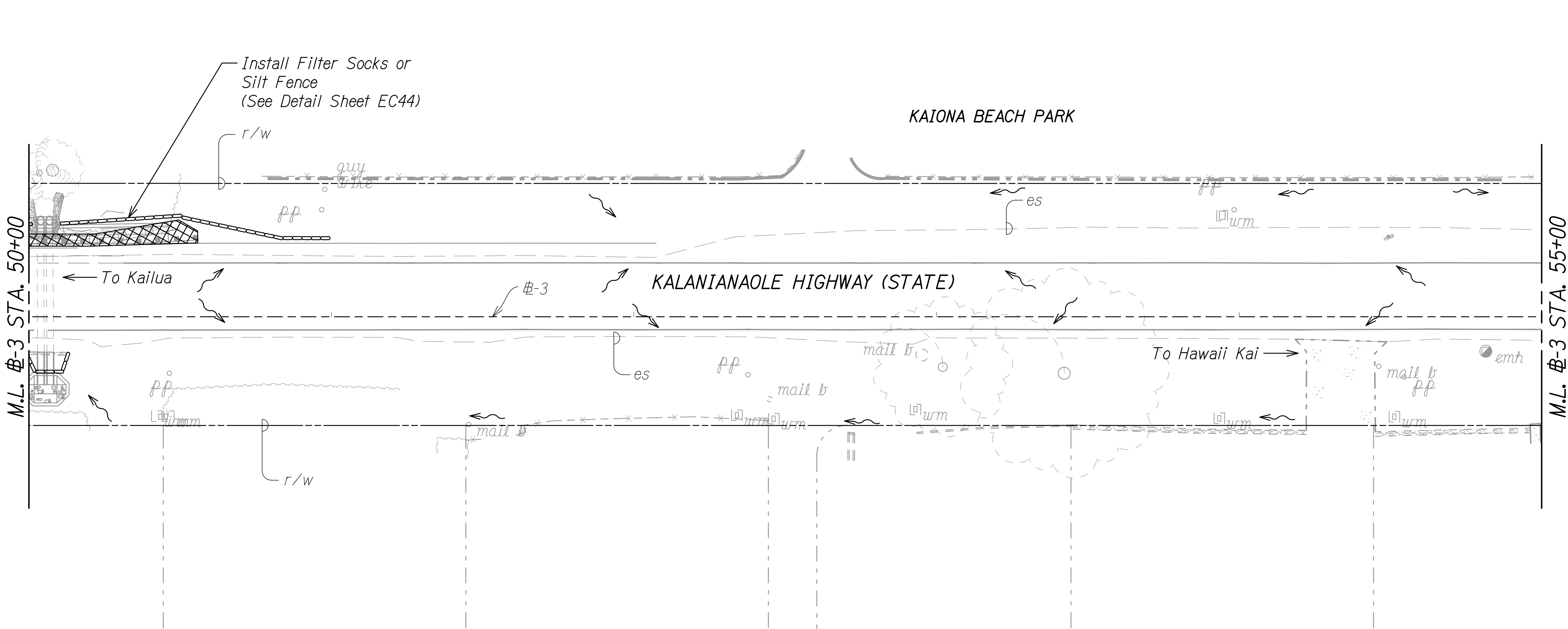
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC30 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	44	243



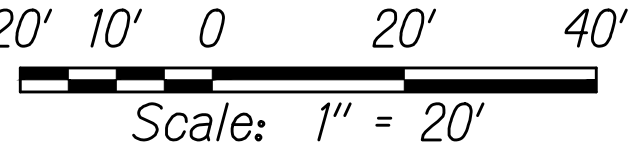
LEGEND:

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- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

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Poalima Street to Vicinity of Makai Pier

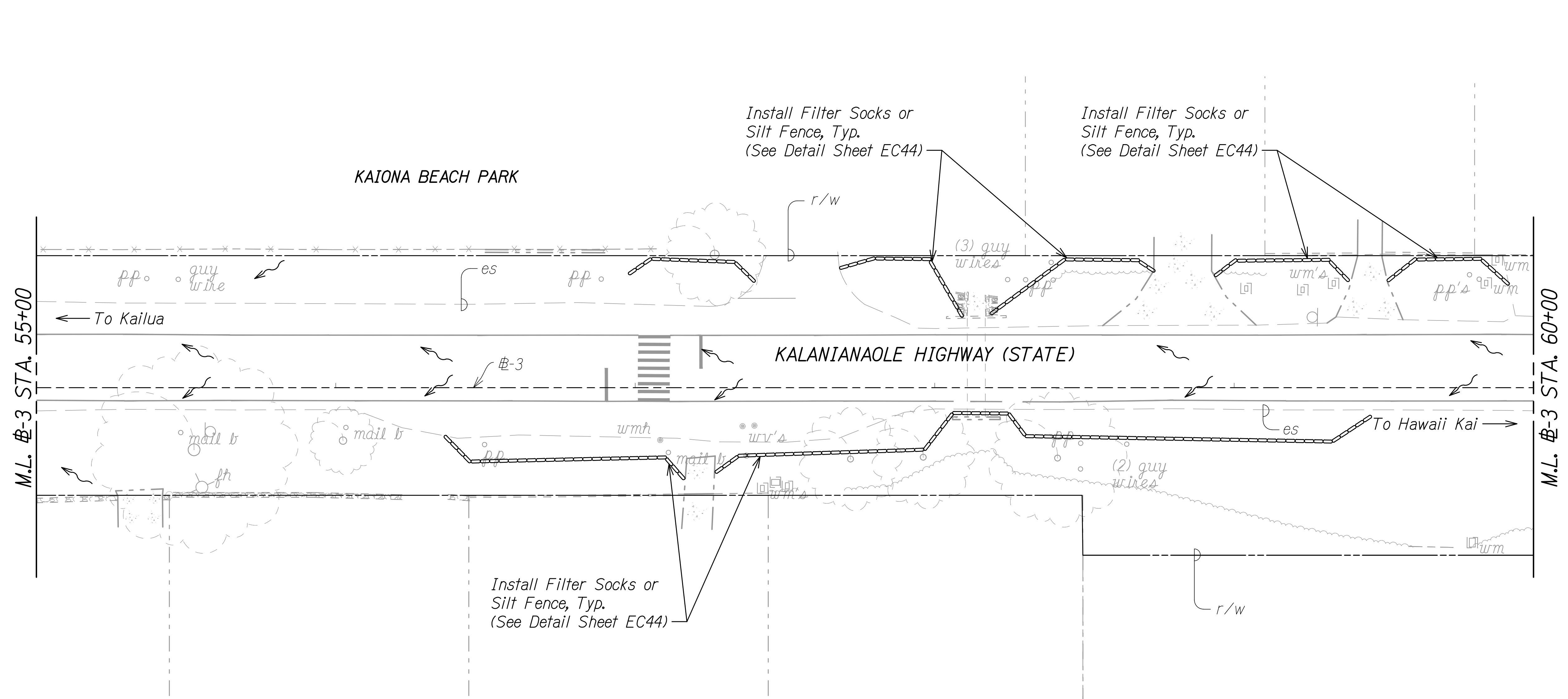
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC32 OF 44 SHEETS

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FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	45	243



TRUE NORTH
SCALE: 1" = 20'

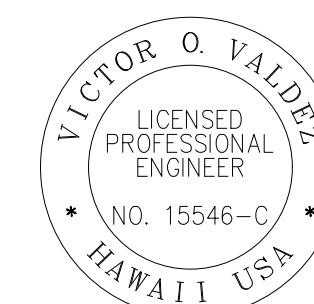
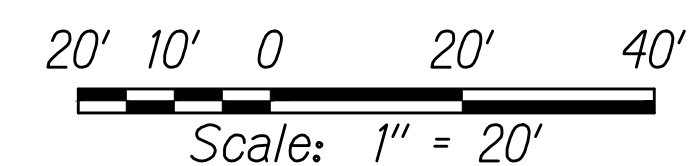
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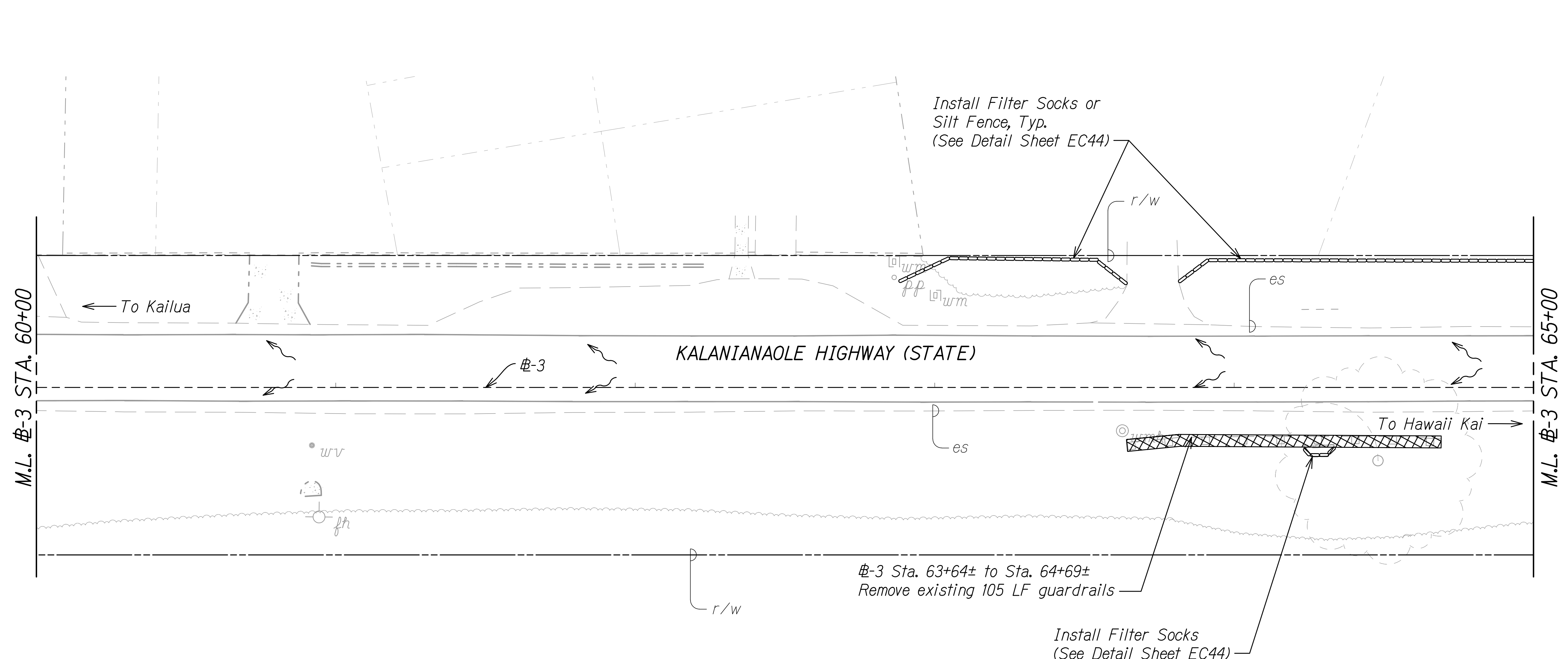
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC33 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	46	243



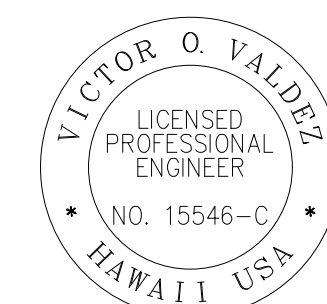
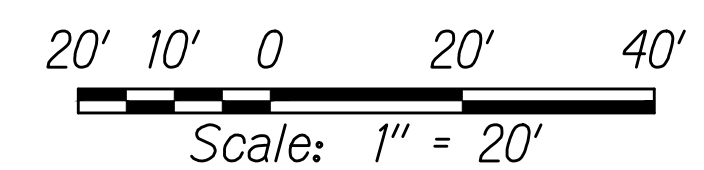
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence
-  Remove Existing Guardrail

NOTES:

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04/30/22
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

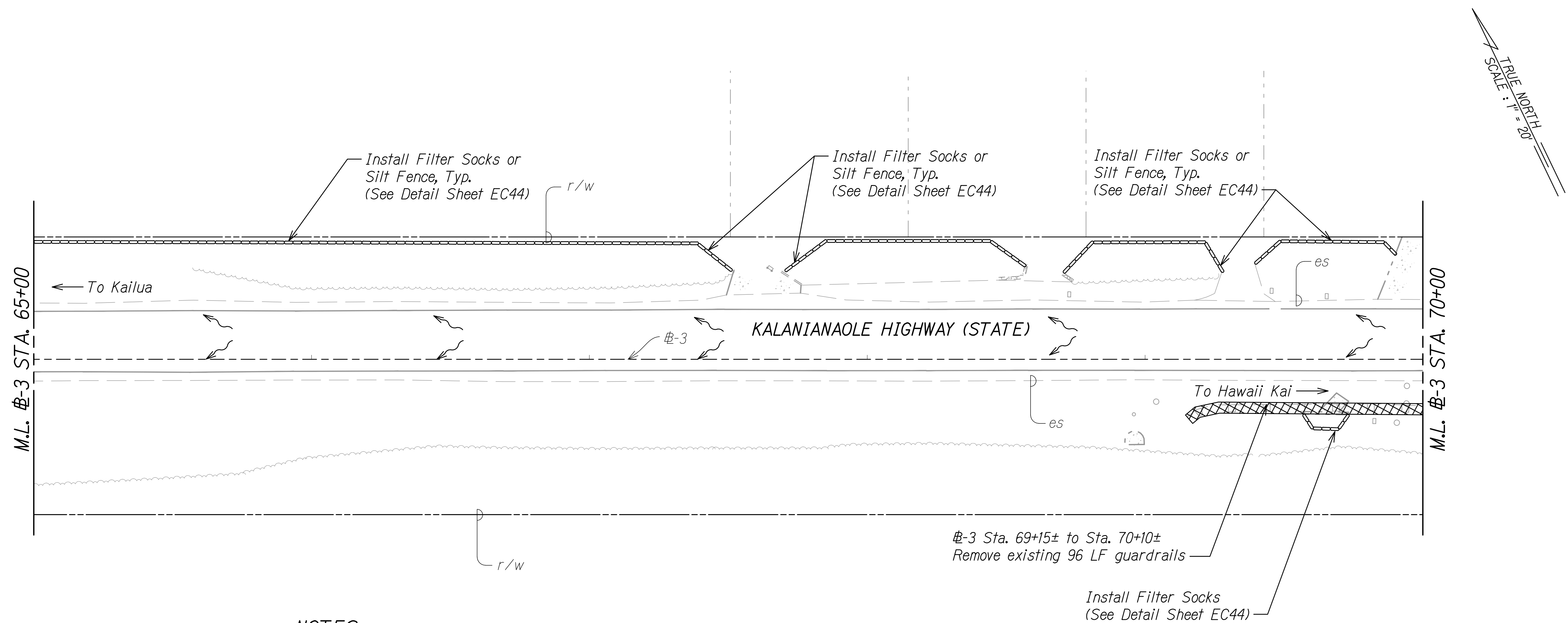
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC34** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	47	243



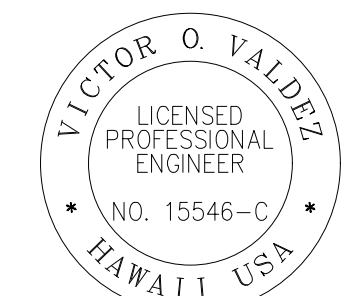
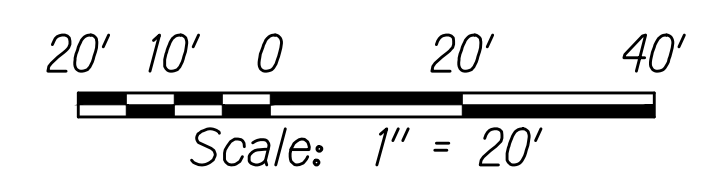
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment and Erosion Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.
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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

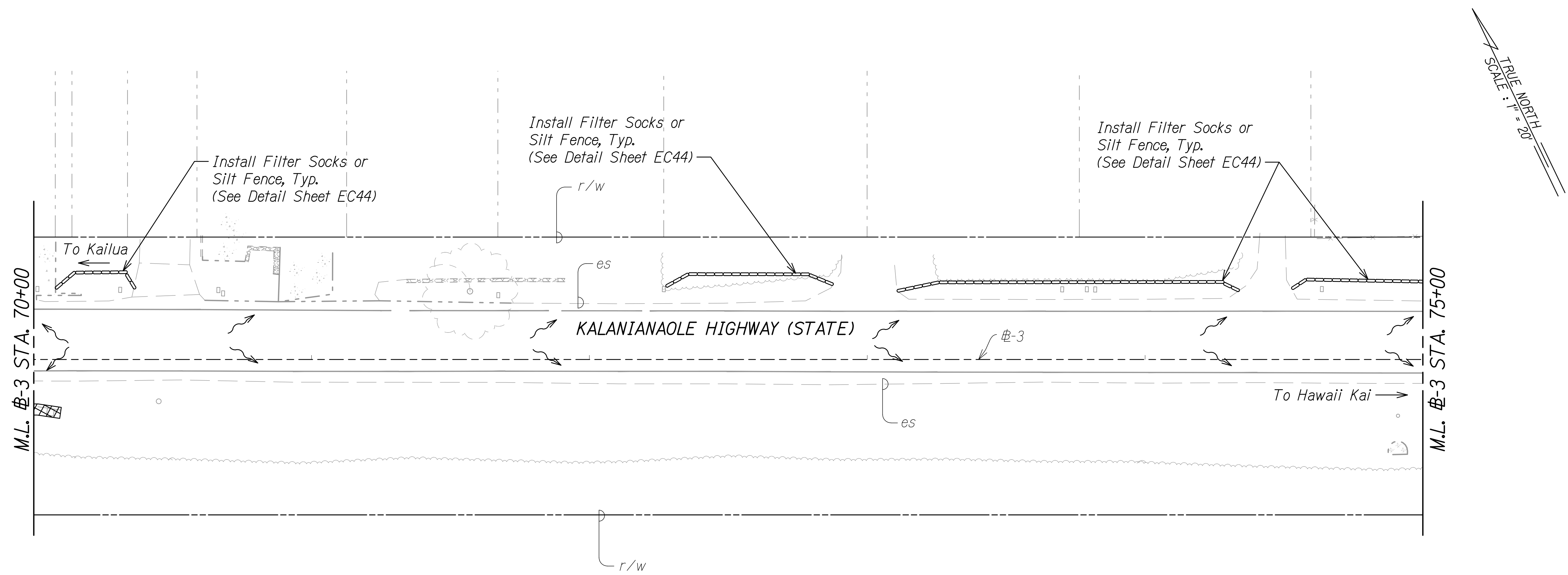
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC35** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	48	243

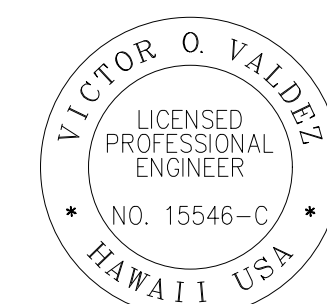
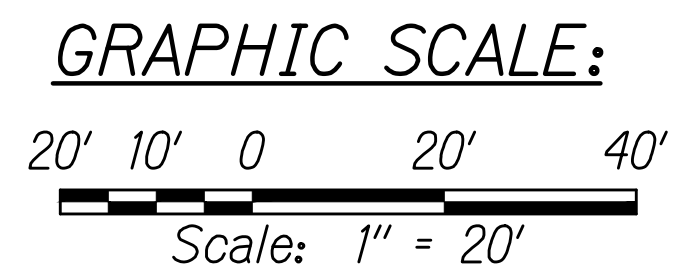


LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

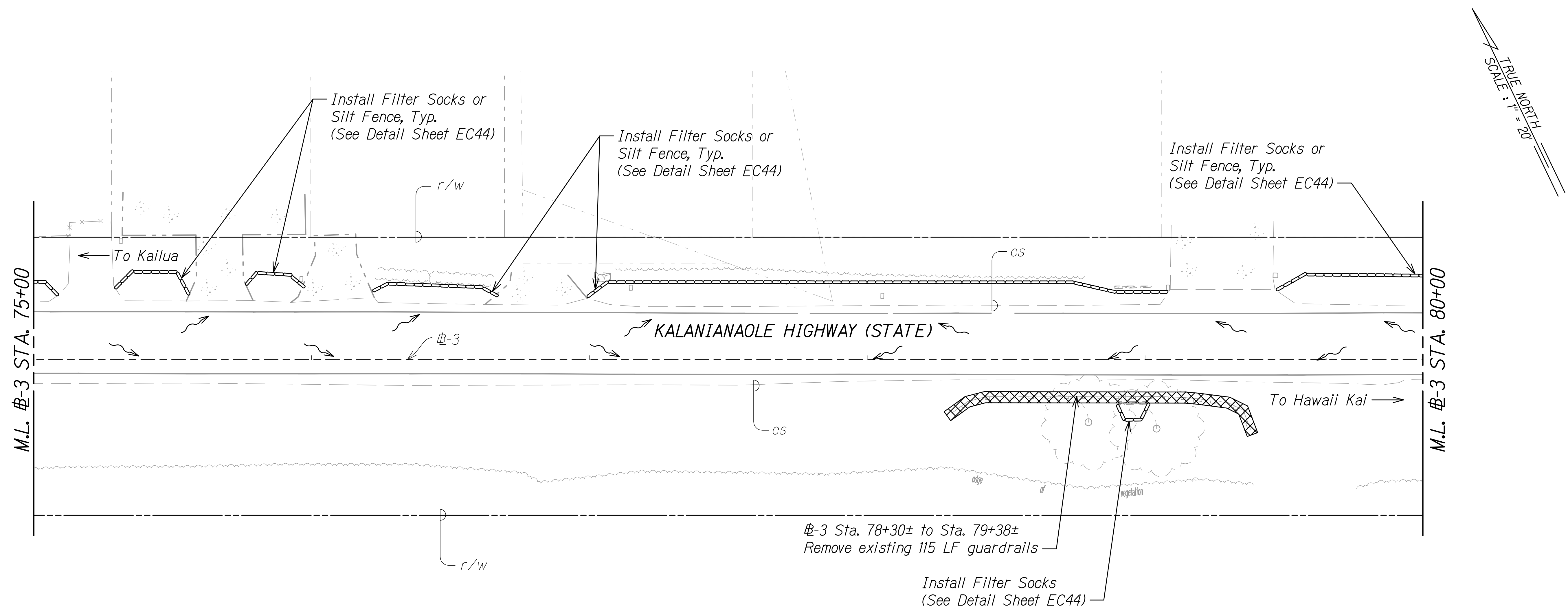
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC36** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	49	243



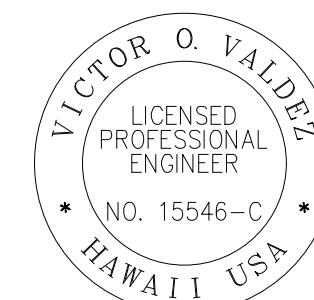
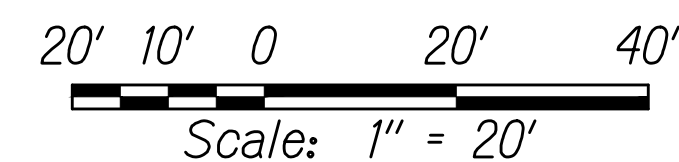
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

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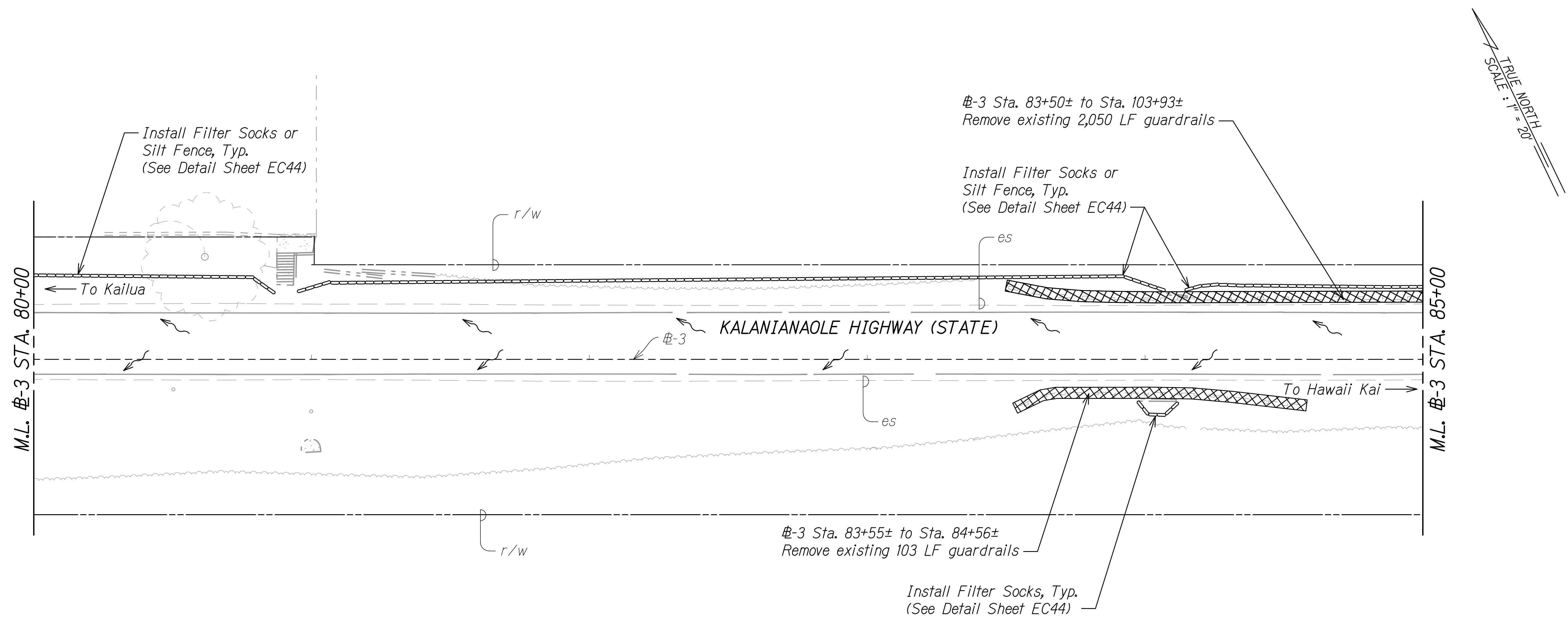
**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)


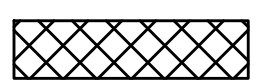
Scale: 1" = 20' Date: January 2021

SHEET No. **EC37** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	50	243

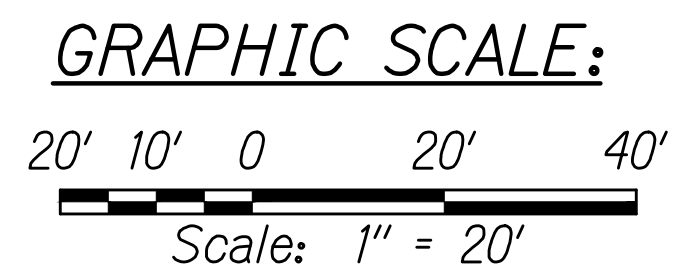


LEGEND:

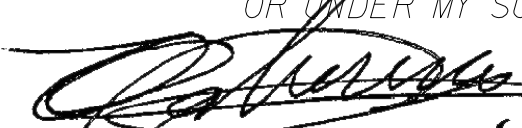
-  Flow Arrow
-  Install Filter Sock or Silt Fence
-  Remove Existing Guardrail

NOTES:

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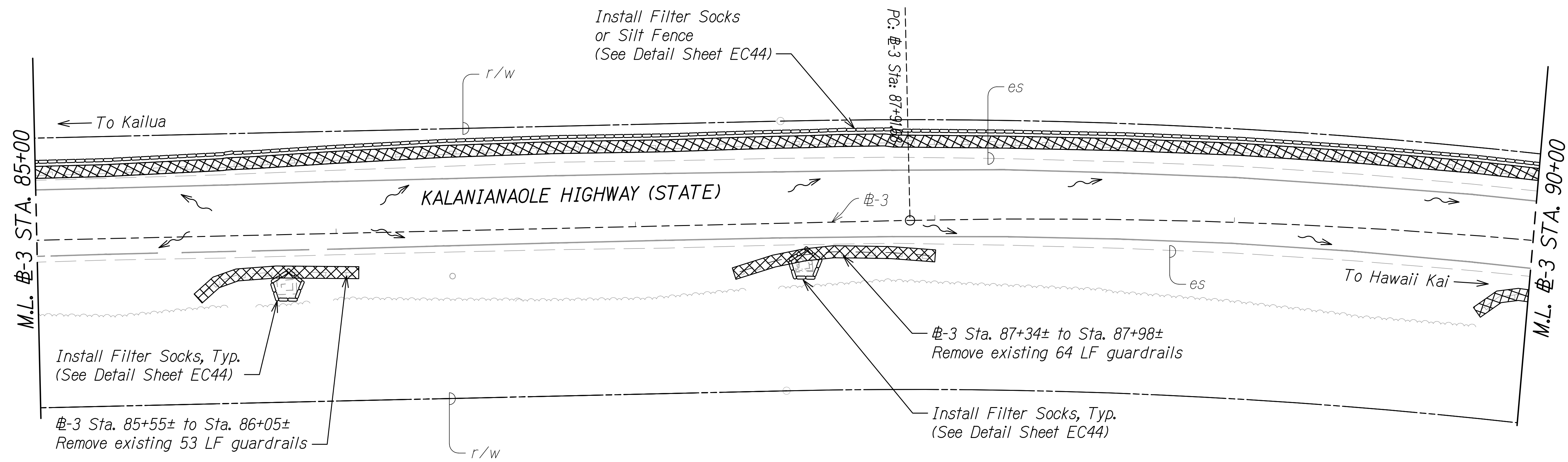
**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. **EC38** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	51	243



TRUE NORTH
SCALE: 1" = 20'

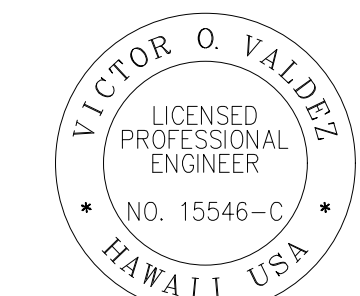
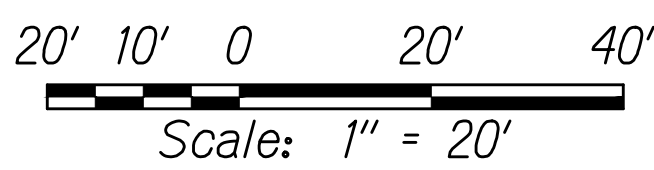
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

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THIS WORK WAS PREPARED BY ME
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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

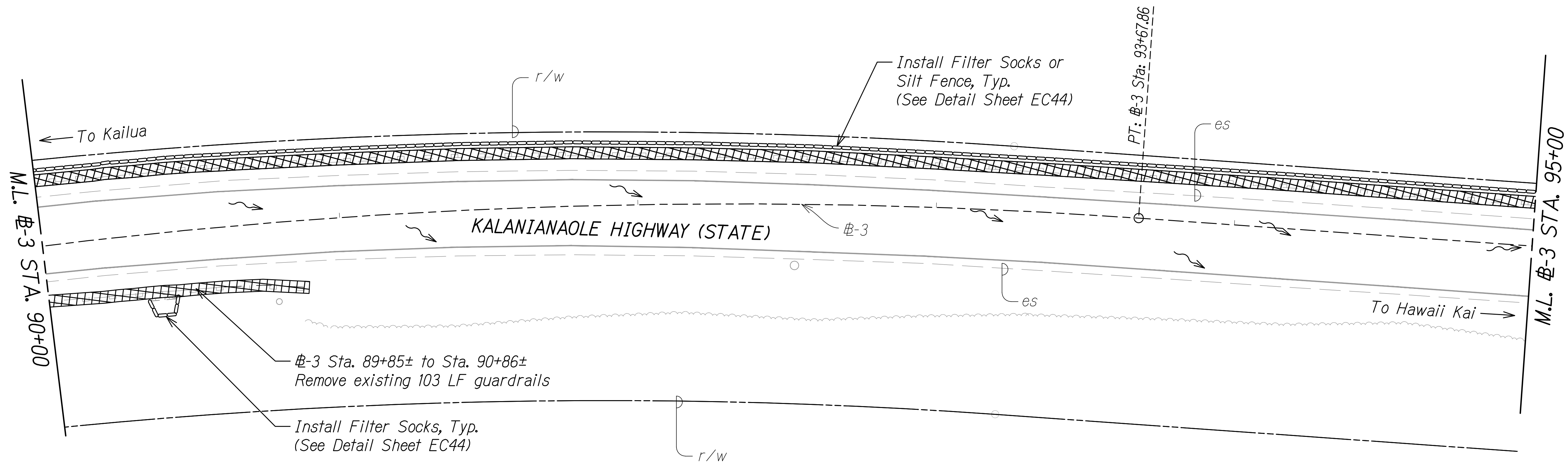
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC39 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	52	243

TRUE NORTH
SCALE: 1" = 20'



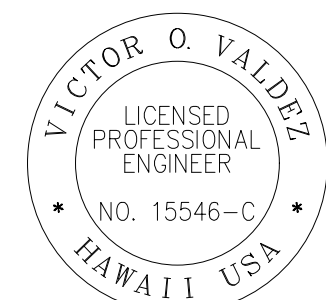
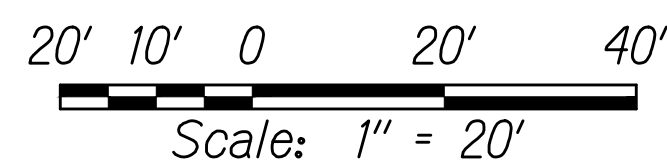
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

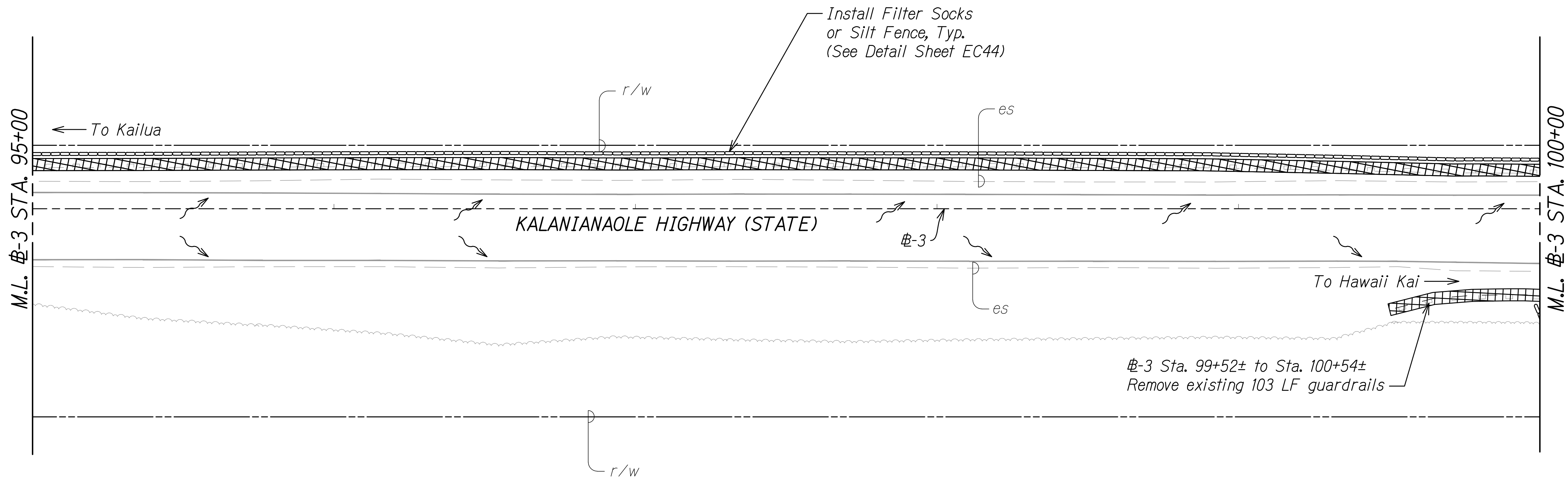
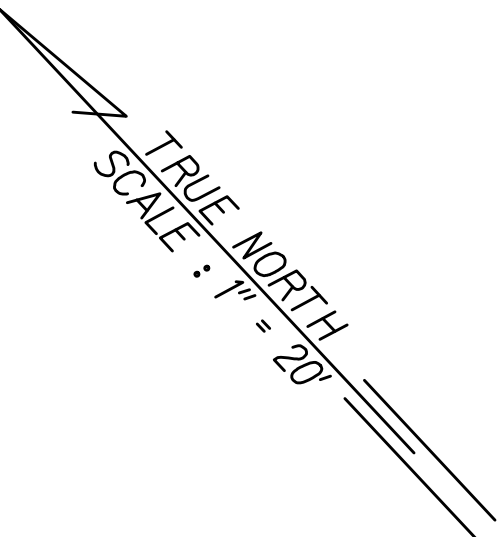
Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC40 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	53	243



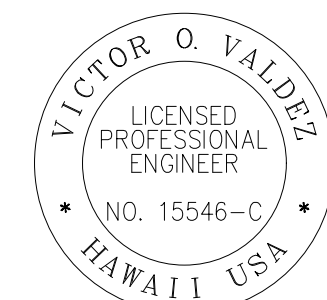
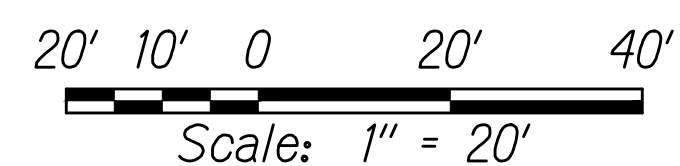
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail

NOTES:

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HIGHWAYS DIVISION

**DEMOLITION AND EROSION
CONTROL PLAN**

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Paolima Street to Vicinity of Makai Pier

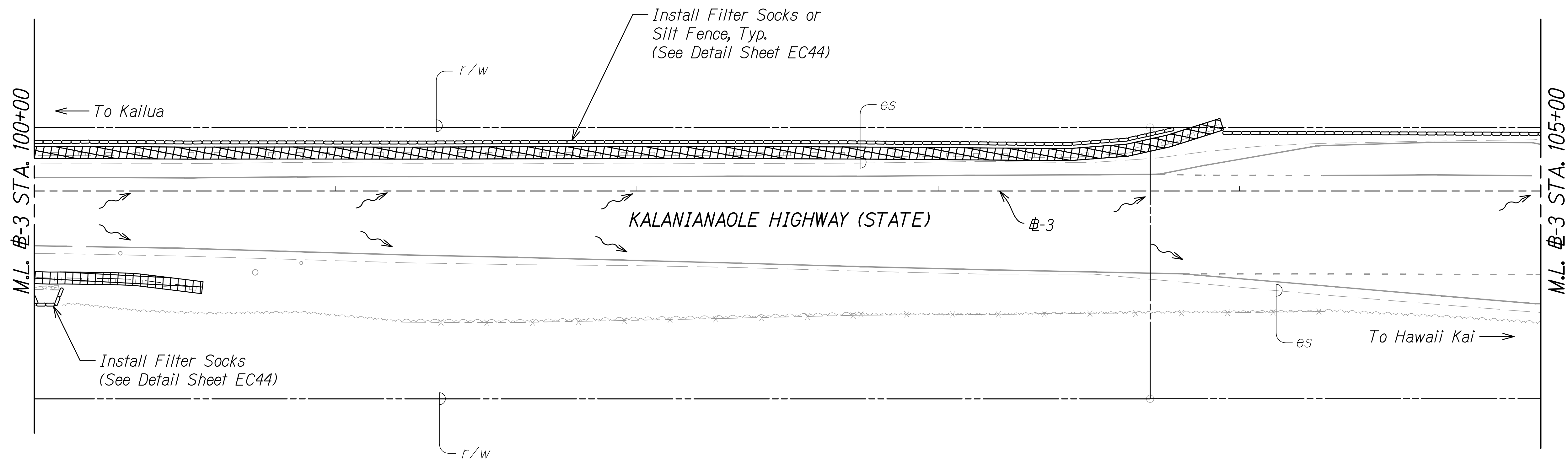
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021


SHEET No. **EC41** OF **44** SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	54	243

TRUE NORTH
SCALE: 1" = 20'



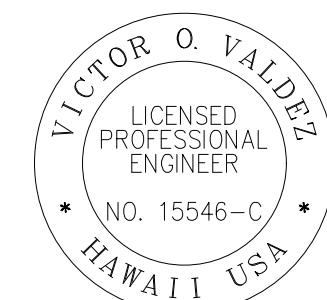
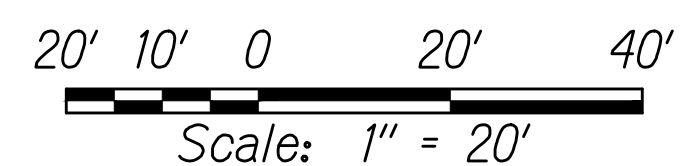
LEGEND:

-  Flow Arrow
-  Install Filter Sock or Silt Fence
-  Remove Existing Guardrail

NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

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Poalima Street to Vicinity of Makai Pier

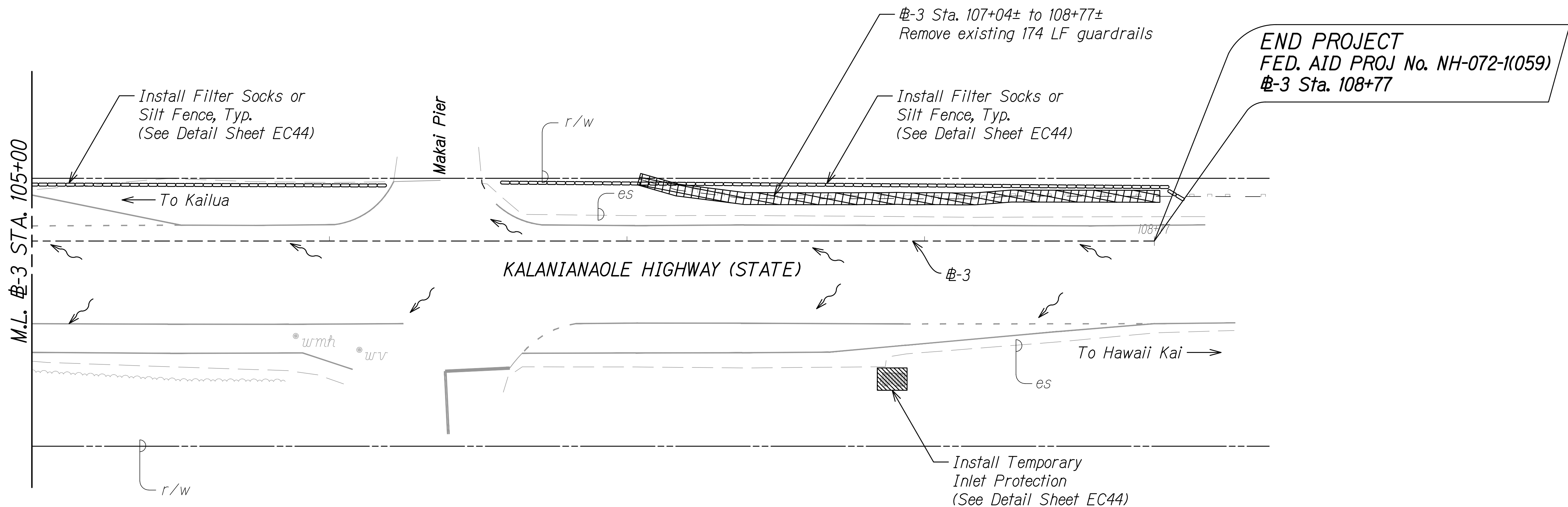
Federal-Aid Project No. NH-072-1(059)

Scale: 1" = 20' Date: January 2021

SHEET No. EC42 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	55	243

TRUE NORTH
SCALE: 1" = 20'



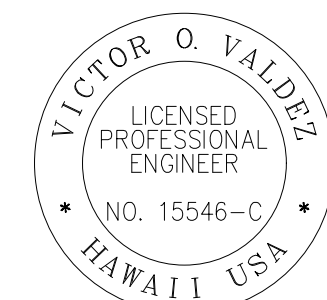
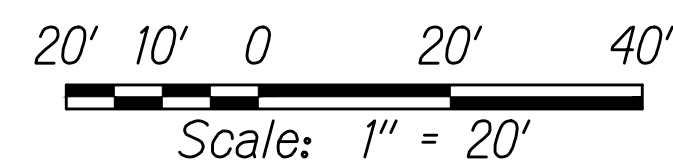
LEGEND:

- Flow Arrow
- Install Filter Sock or Silt Fence
- Remove Existing Guardrail
- Inlet Protection
- Existing Drain Inlet

NOTES:

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**DEMOLITION AND EROSION
CONTROL PLAN**

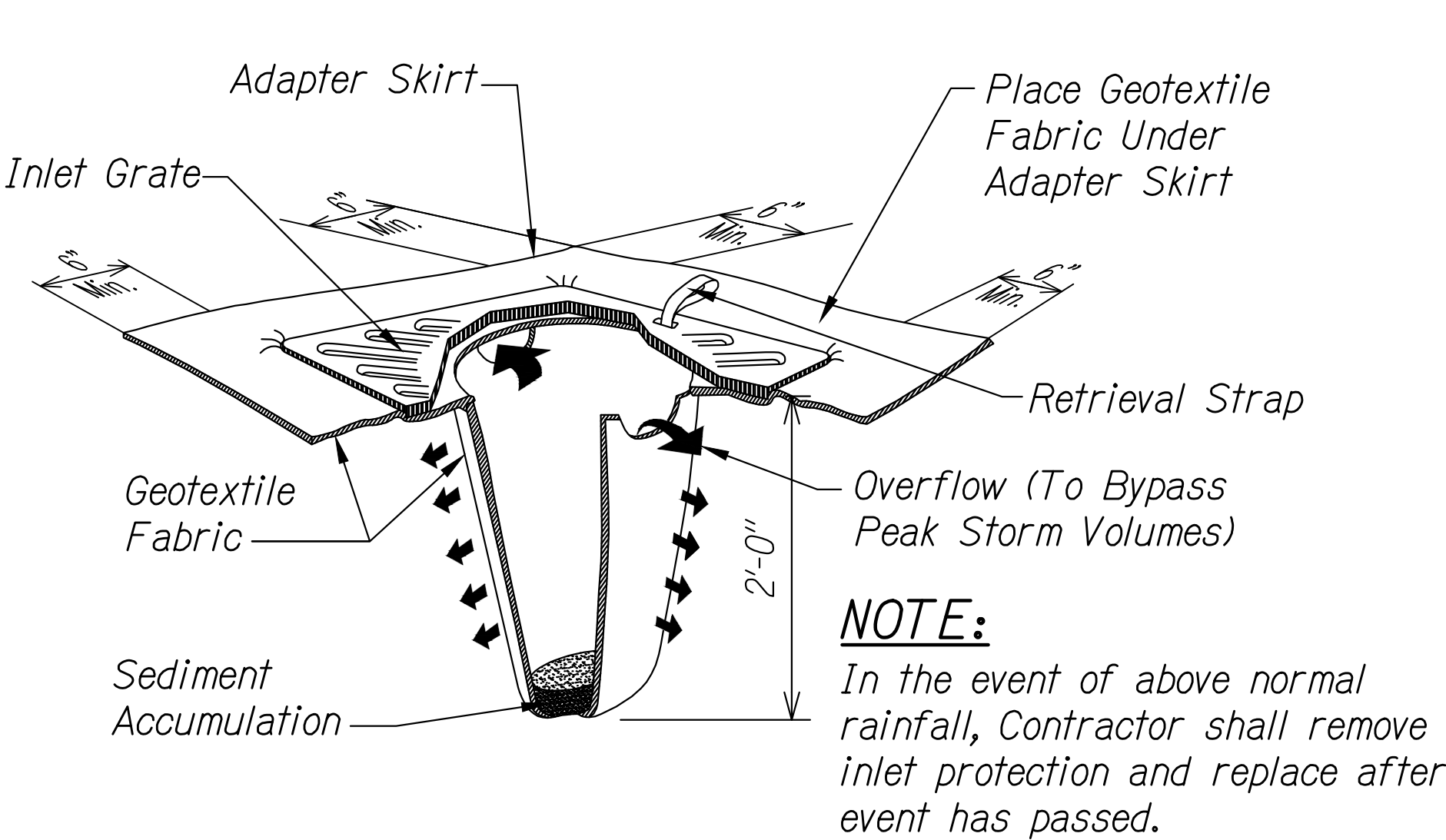
KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

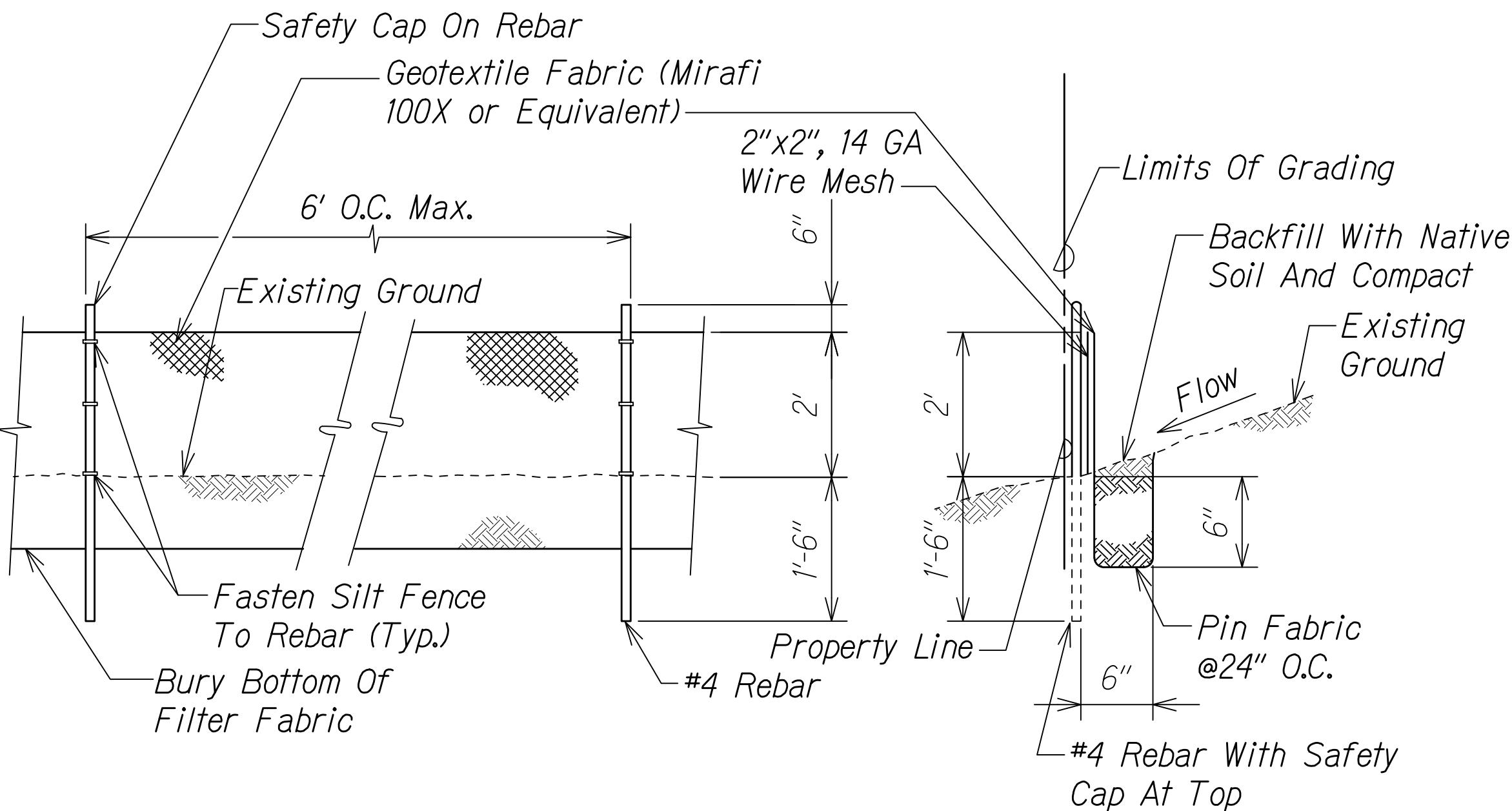
Scale: 1" = 20' Date: January 2021

SHEET No. **EC43** OF **44** SHEETS



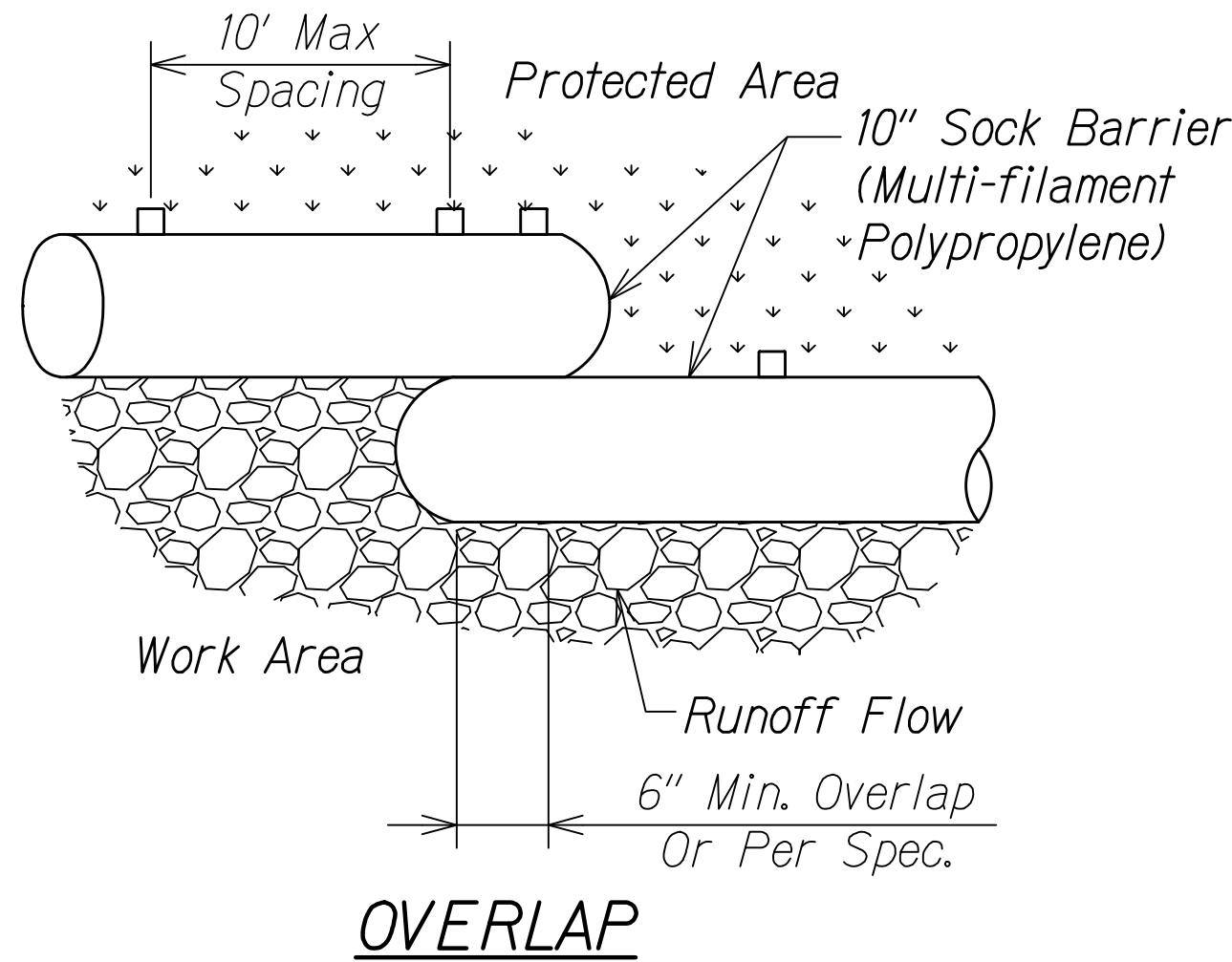
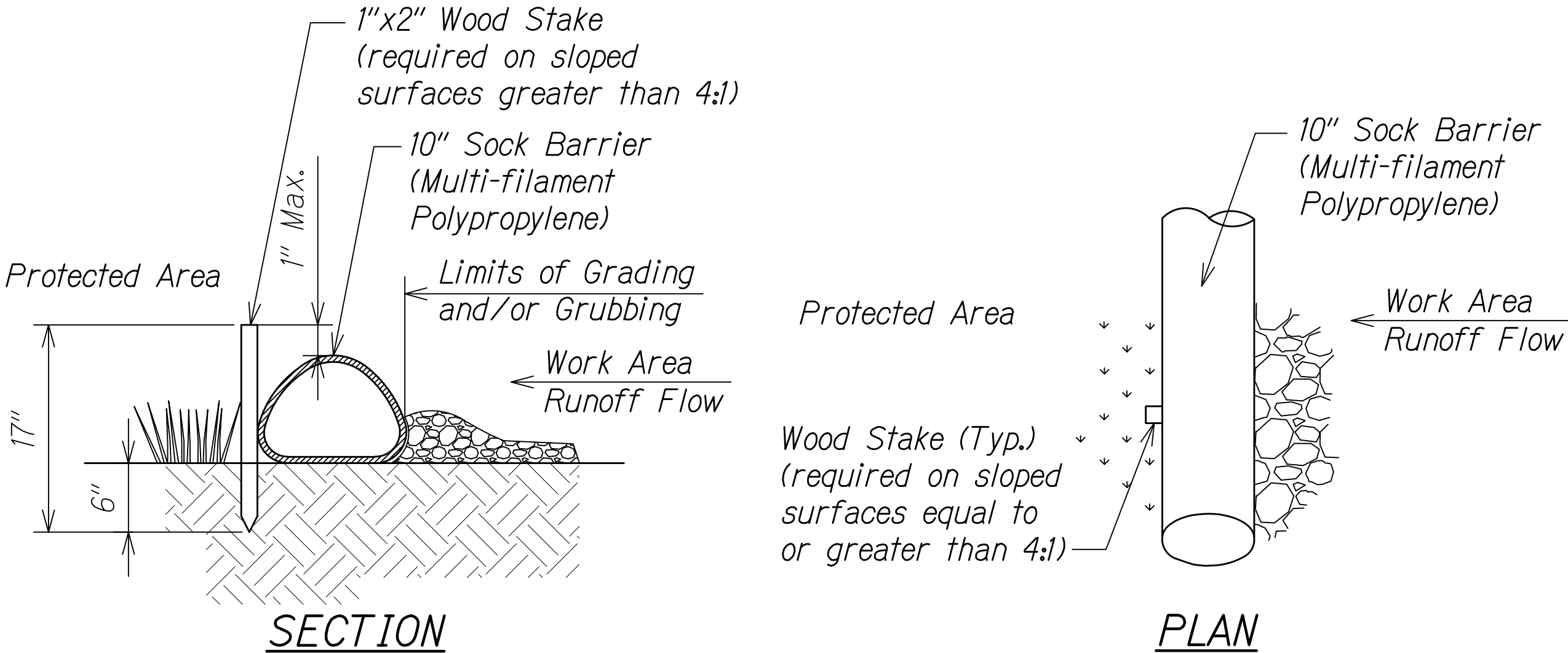
NOTE:
In the event of above normal rainfall, Contractor shall remove inlet protection and replace after event has passed.

TEMPORARY INLET PROTECTION DETAIL
NOT TO SCALE



SILT FENCE DETAIL
NOT TO SCALE

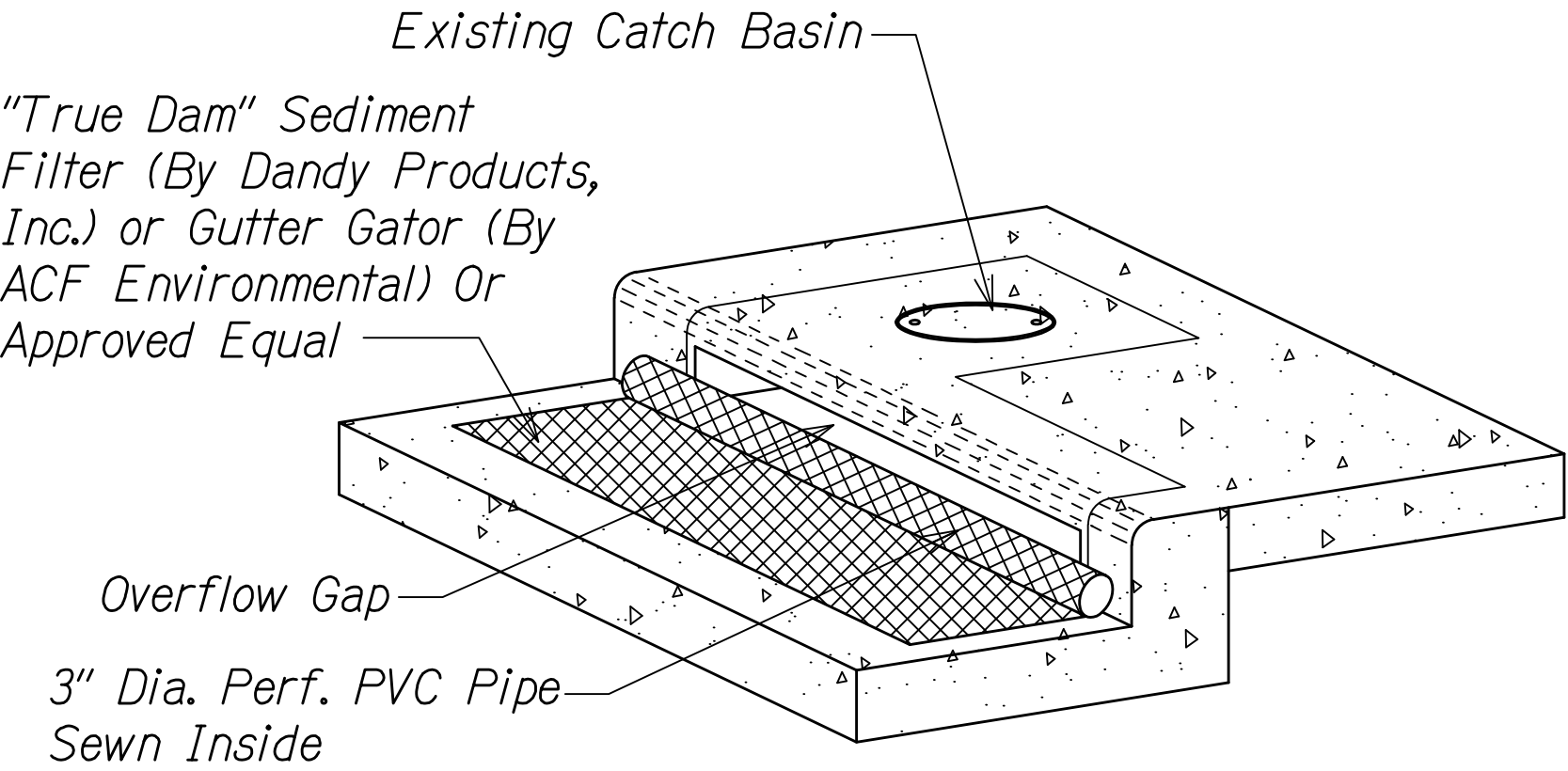
NOTE:
In the event of above normal rainfall, Contractor shall remove inlet protection and replace after event has passed.



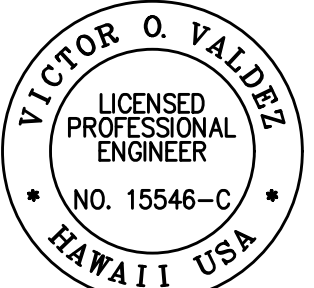
FILTER SOCK BARRIER DETAILS
NOT TO SCALE

SLOPE GRADIENT	ANCHOR SPACING
<4:1	Not Required
4:1 to 3:1	10'
>3:1 to 2:1	5' to 10'
>2:1	5'

NOTES:
1. Fill composition is wood mulch.
2. Fill shall not contain biosolids and should be consistent with EPA Guidelines.



TEMPORARY CATCH BASIN PROTECTION DETAIL
NOT TO SCALE



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

SIGNATURE

04/30/22
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL DETAILS

KALANIANA'OLE HIGHWAY IMPROVEMENTS PHASE 2
Poalima Street to Vicinity of Makai Pier
Federal-Aid Project No. NH-072-1(059)

Scale: As Shown Date: January 2021

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