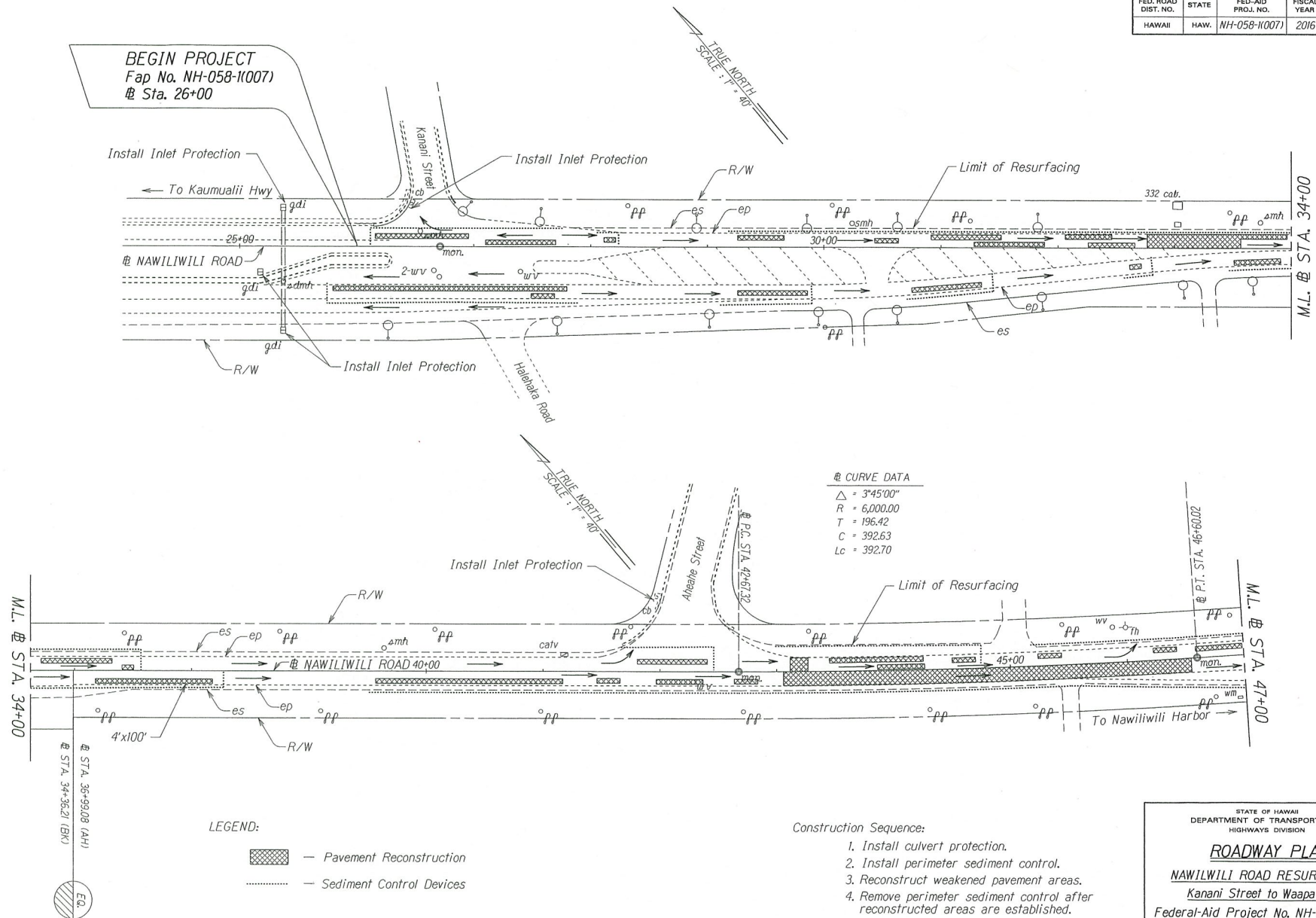


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2016	1	5



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

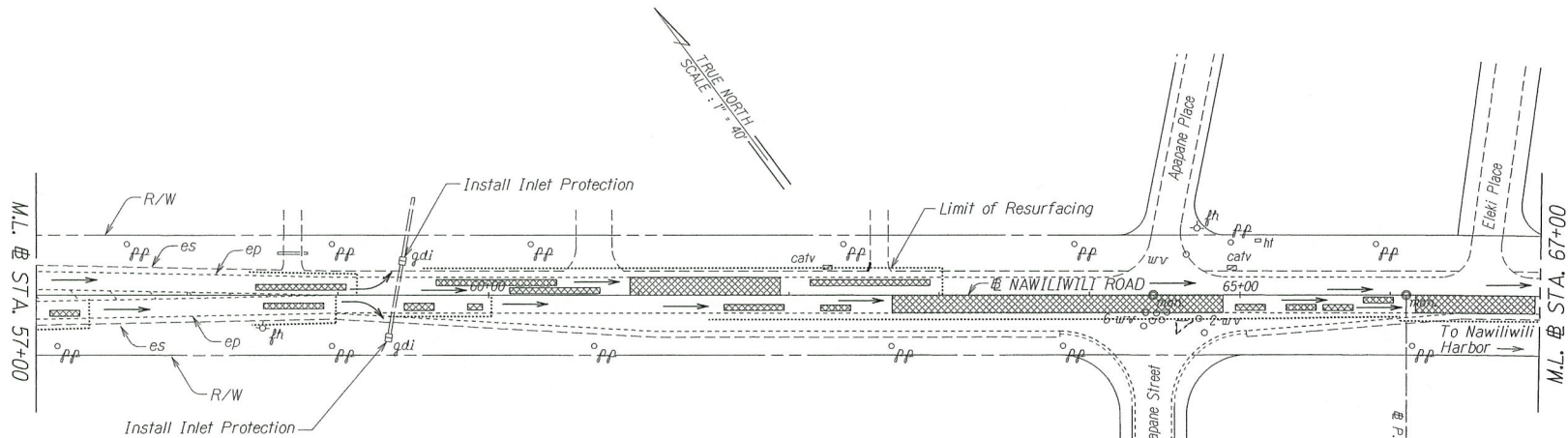
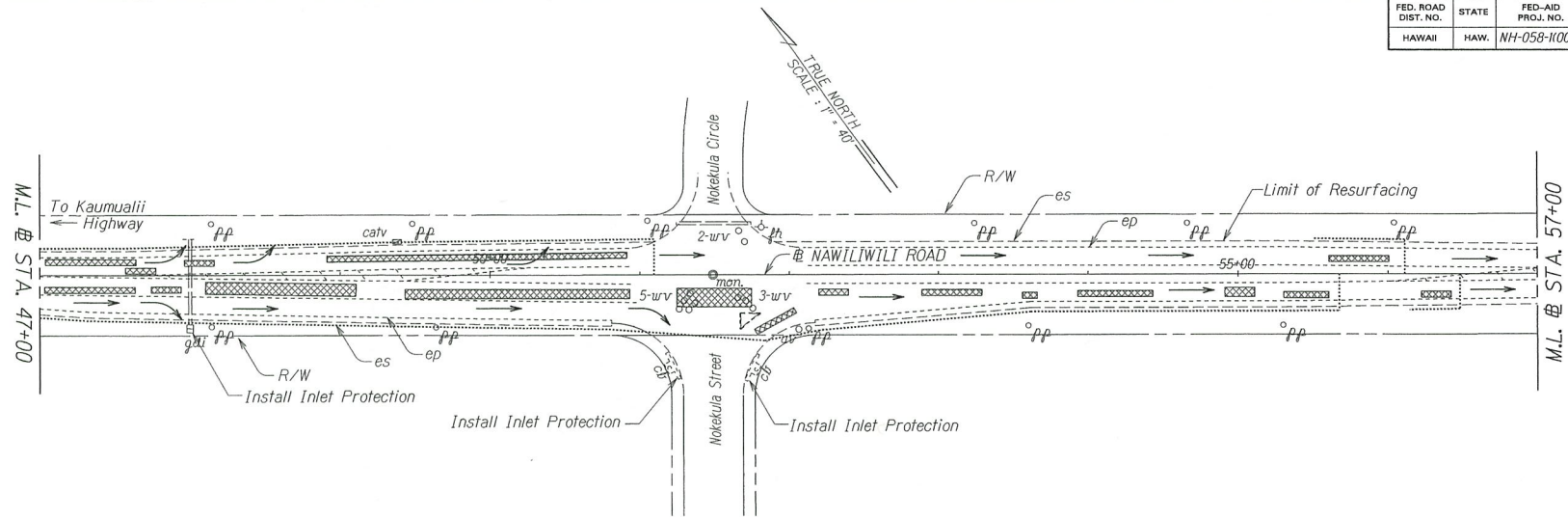
ROADWAY PLAN

NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(007)

Scale: 1" = 40' Date: Oct. 2014

SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	2	5



LEGEND:

- Pavement Reconstruction
- Sediment Control Devices

Construction Sequence:

1. Install culvert protection.
2. Install perimeter sediment control.
3. Reconstruct weakened pavement areas.
4. Remove perimeter sediment control after reconstructed areas are established.
5. Remove all BMP's.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

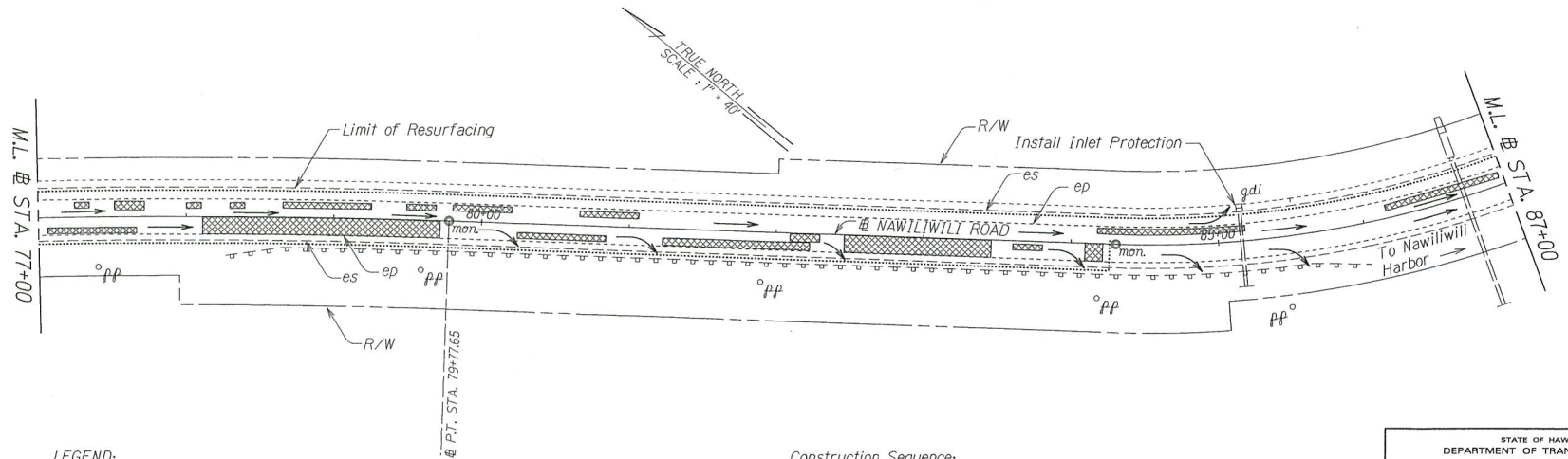
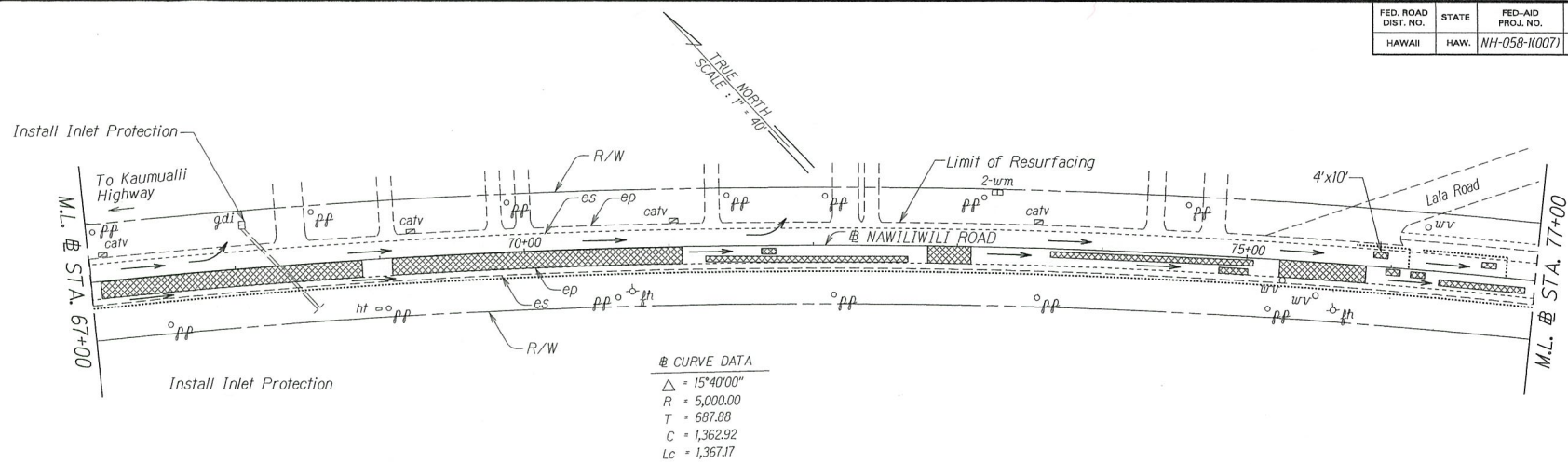
ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(007)

Scale: 1" = 40' Date: Oct. 2013

SHEET No. 2 OF 5 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(K007)	2014	3	5



LEGEND:

- Pavement Reconstruction
- Sediment Control Devices

Construction Sequence:

1. Install culvert protection.
2. Install perimeter sediment control.
3. Reconstruct weakened pavement areas.
4. Remove perimeter sediment control after reconstructed areas are established.
5. Remove all BMP's.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(K007)

Scale: 1" = 40' Date: Oct. 2013

SHEET No. 3 OF 5 SHEETS

TRUE NORTH
SCALE: 1" = 40'

CURVE DATA

Δ	$81^{\circ}54'00''$
R	700.00
T	607.43
C	917.56
Lc	1,000.60

Limit of Resurfacing

R/W

Install Inlet Protection

gdi

es

ep

mon

3-wv

av

wm

95+00

To Kaunualii Hwy

To Nawiliwili Harbor

M.L. STA. 87+00

M.L. STA. 97+00

P.C. STA. 96+68.00

Nawiliwili Road

95+00

96+00

96+50

97+00

97+50

98+00

98+50

99+00

100+00

101+00

102+00

103+00

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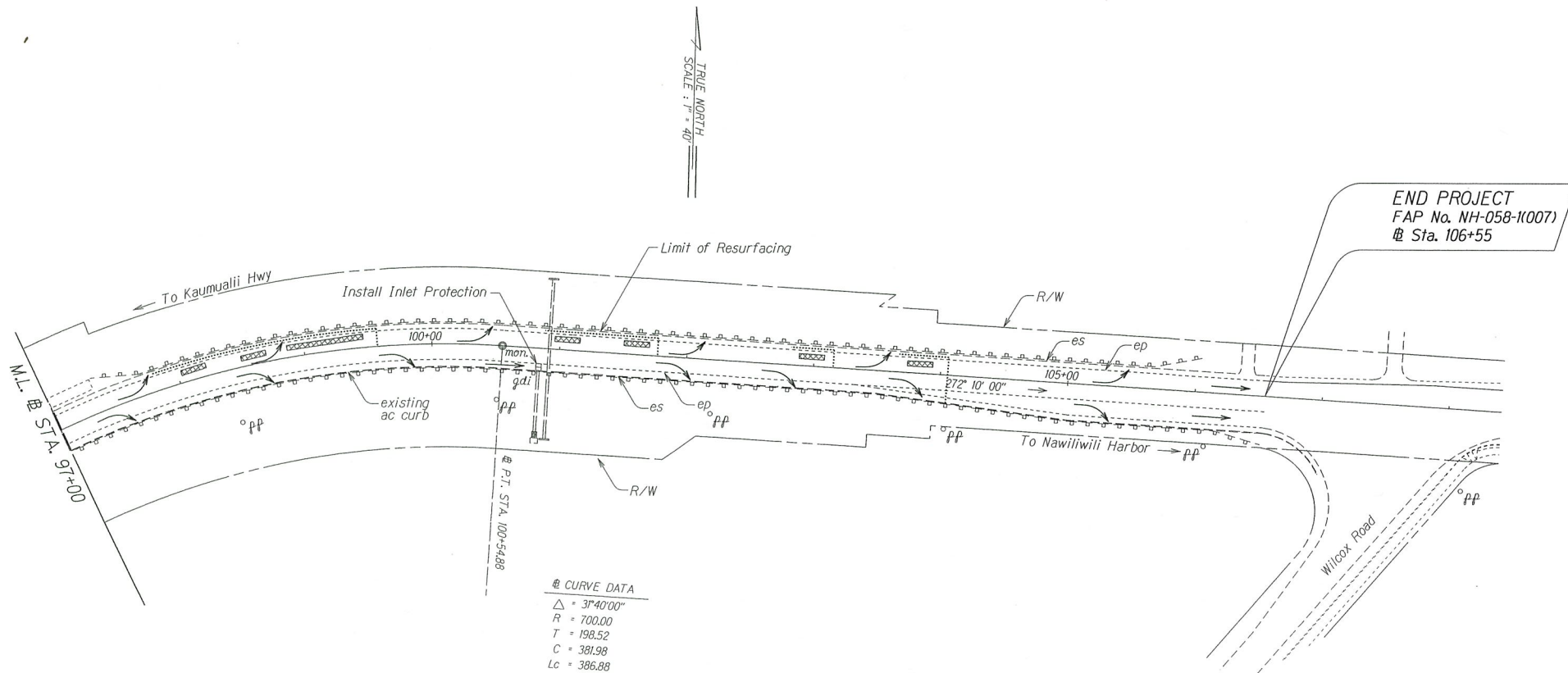
398+00

399+00

400+00

401+00

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	5	5



END PROJECT
FAP No. NH-058-1(007)
Sta. 106+55

CURVE DATA
 $\Delta = 31^{\circ}40'00''$
 $R = 700.00$
 $T = 198.52$
 $C = 381.98$
 $Lc = 386.88$

LEGEND:

-  — Pavement Reconstruction
 — Sediment Control Devices

Construction Sequence:

1. Install culvert protection.
2. Install perimeter sediment control.
3. Reconstruct weakened pavement areas.
4. Remove perimeter sediment control after reconstructed areas are established.
5. Remove all BMP's.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

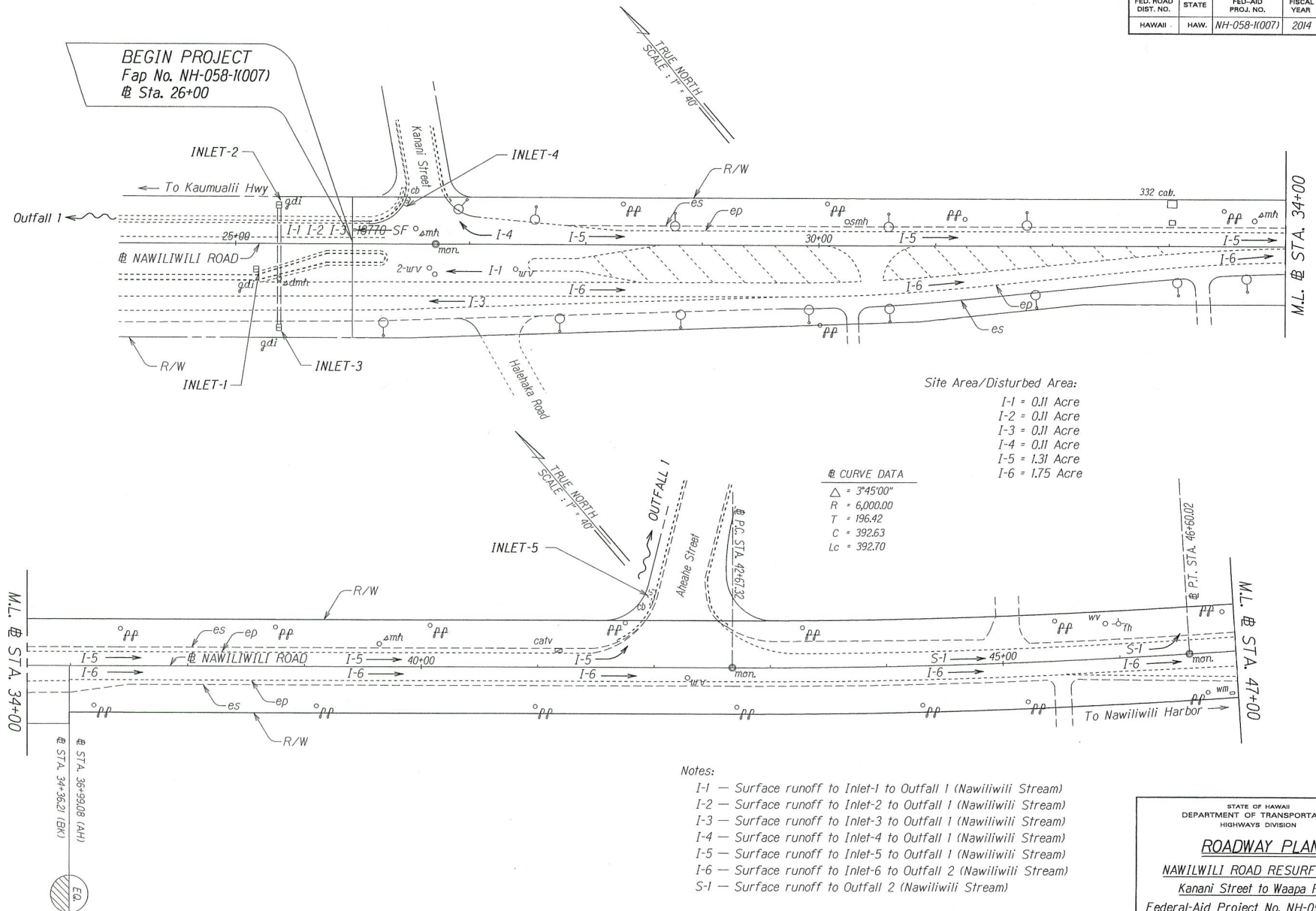
ROADWAY PLAN

NAWILWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(K007)

Scale: 1" = 40' Date: OCT. 2013

SHEET No. 5 OF 5 SHEETS

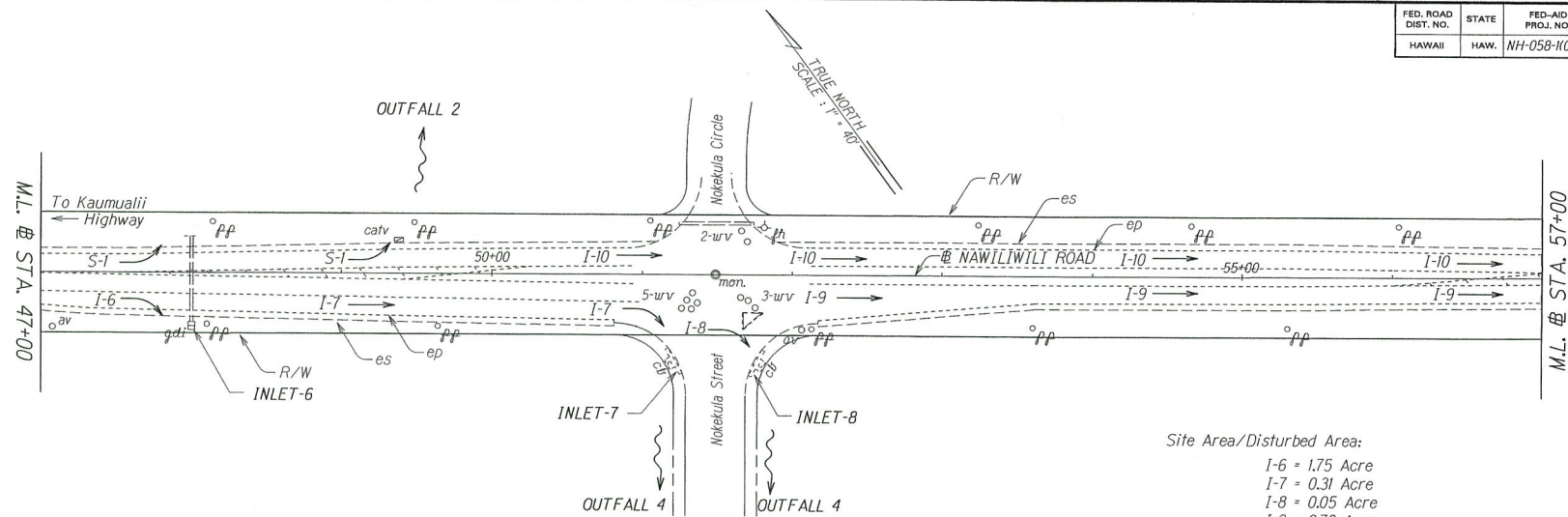
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	1	5



DESIGNED BY	CHIEF ENGINEER
DRAWN BY	ENGINEER
CHECKED BY	ENGINEER
APPROVED BY	ENGINEER
DATE	

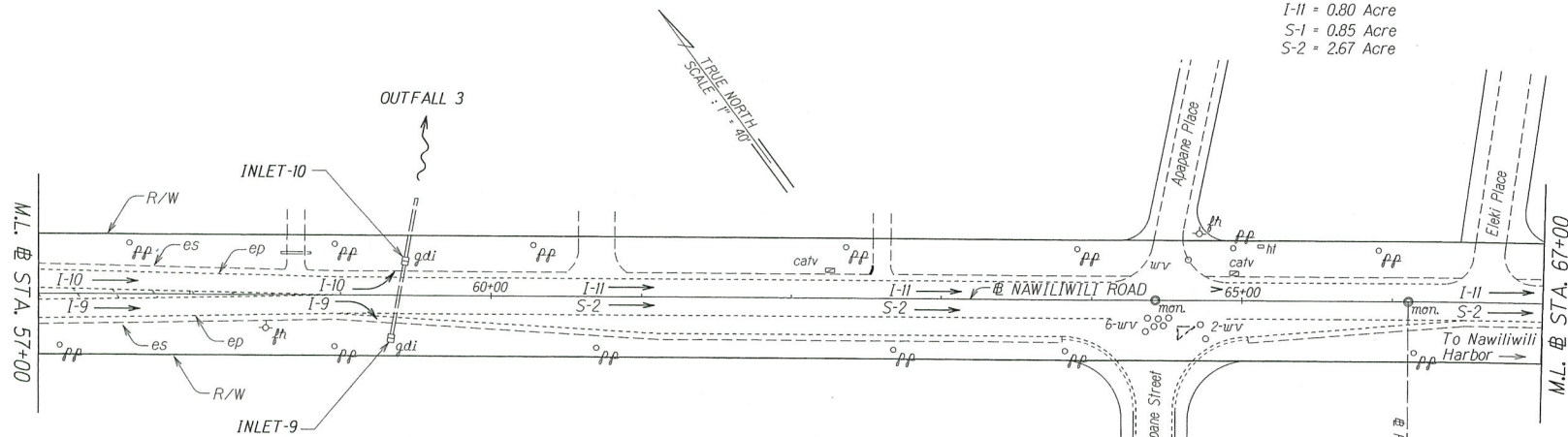


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(K007)	2014	2	5



Site Area/Disturbed Area:

I-6 = 1.75 Acre
I-7 = 0.31 Acre
I-8 = 0.05 Acre
I-9 = 0.70 Acre
I-10 = 0.74 Acre
I-11 = 0.80 Acre
S-1 = 0.85 Acre
S-2 = 2.67 Acre



Notes:

- S-1 — Surface runoff to Outfall 2 (Nawiliwili Stream)
- I-6 — Surface runoff to Inlet-6 to Outfall 2 (Nawiliwili Stream)
- I-7 — Surface runoff to Inlet-7 to Outfall 4 (Pualii Stream)
- I-8 — Surface runoff to Inlet-8 to Outfall 4 (Pualii Stream)
- I-9 — Surface runoff to Inlet-9 to Outfall 3 (Nawiliwili Stream)
- I-10 — Surface runoff to Inlet-10 to Outfall 3 (Nawiliwili Stream)
- I-11 — Surface runoff to Inlet-11 to Outfall 4 (Pualii Stream)
- S-2 — Surface runoff Outfall 4 (Pualii Stream)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

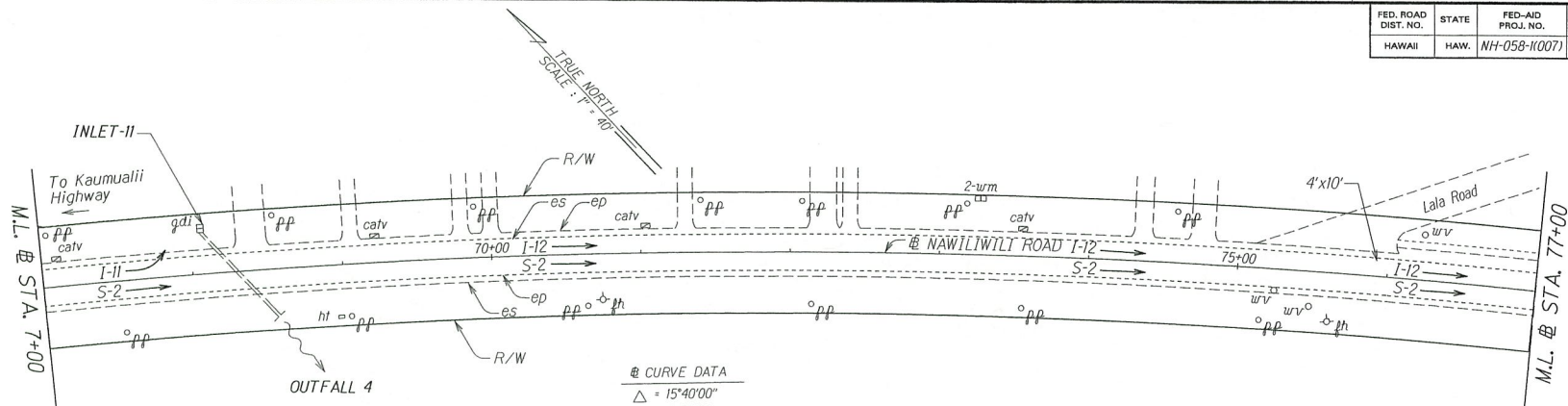
ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(K007)

Scale: 1" = 40' Date: Oct, 2013

SHEET No. 2 OF 5 SHEETS

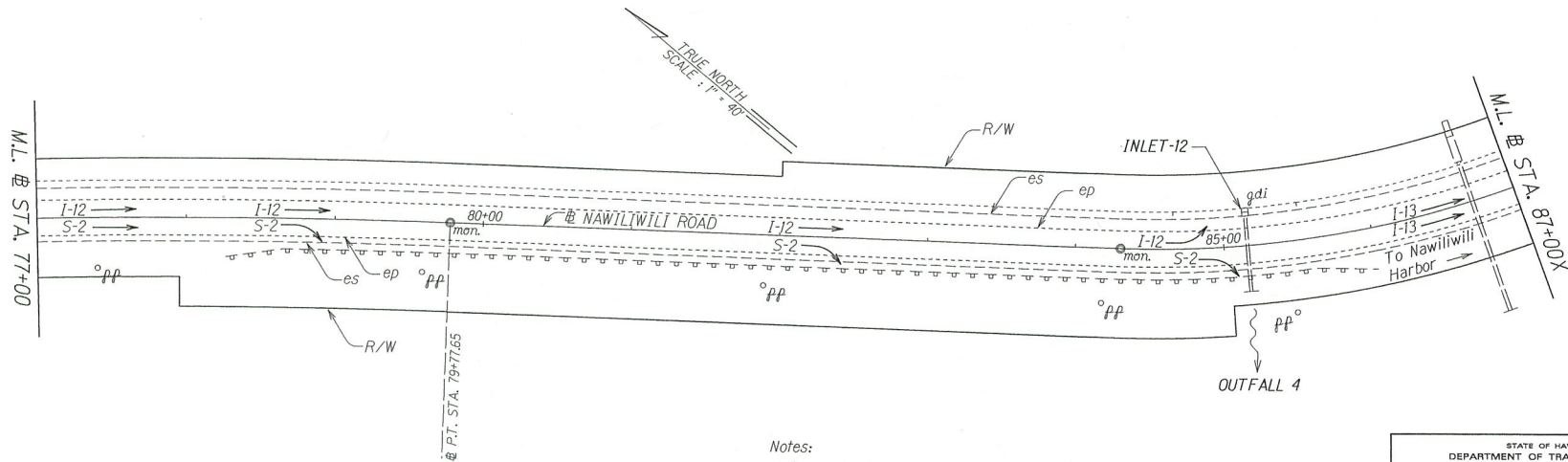
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
PROJECT NO.	
PROJECT NAME	
PROJECT LOCATION	
PROJECT DESCRIPTION	
PROJECT STATUS	
PROJECT BUDGET	
PROJECT COST	
PROJECT REVENUE	
PROJECT DEFICIT	
PROJECT PROFIT	
PROJECT LOSS	
PROJECT BREAK-EVEN	
PROJECT RISK	
PROJECT SCHEDULE	
PROJECT DELAY	
PROJECT COMPLETION	
PROJECT CLOSURE	
PROJECT RE-ENTRY	
PROJECT EXIT	
PROJECT TERMINATION	
PROJECT CANCELLATION	
PROJECT ABANDONMENT	
PROJECT RE-ENTRY	
PROJECT EXIT	
PROJECT TERMINATION	
PROJECT CANCELLATION	
PROJECT ABANDONMENT	

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	3	5



@ CURVE DATA
 $\Delta = 15^\circ 40' 00''$
 $R = 5,000.00$
 $T = 687.88$
 $C = 1,362.92$
 $L_c = 1,367.17$

Site Area/Disturbed Area:
 I-II = 0.80 Acre
 I-12 = 1.64 Acre
 I-13 = 2.15 Acre
 S-2 = 2.67 Acre



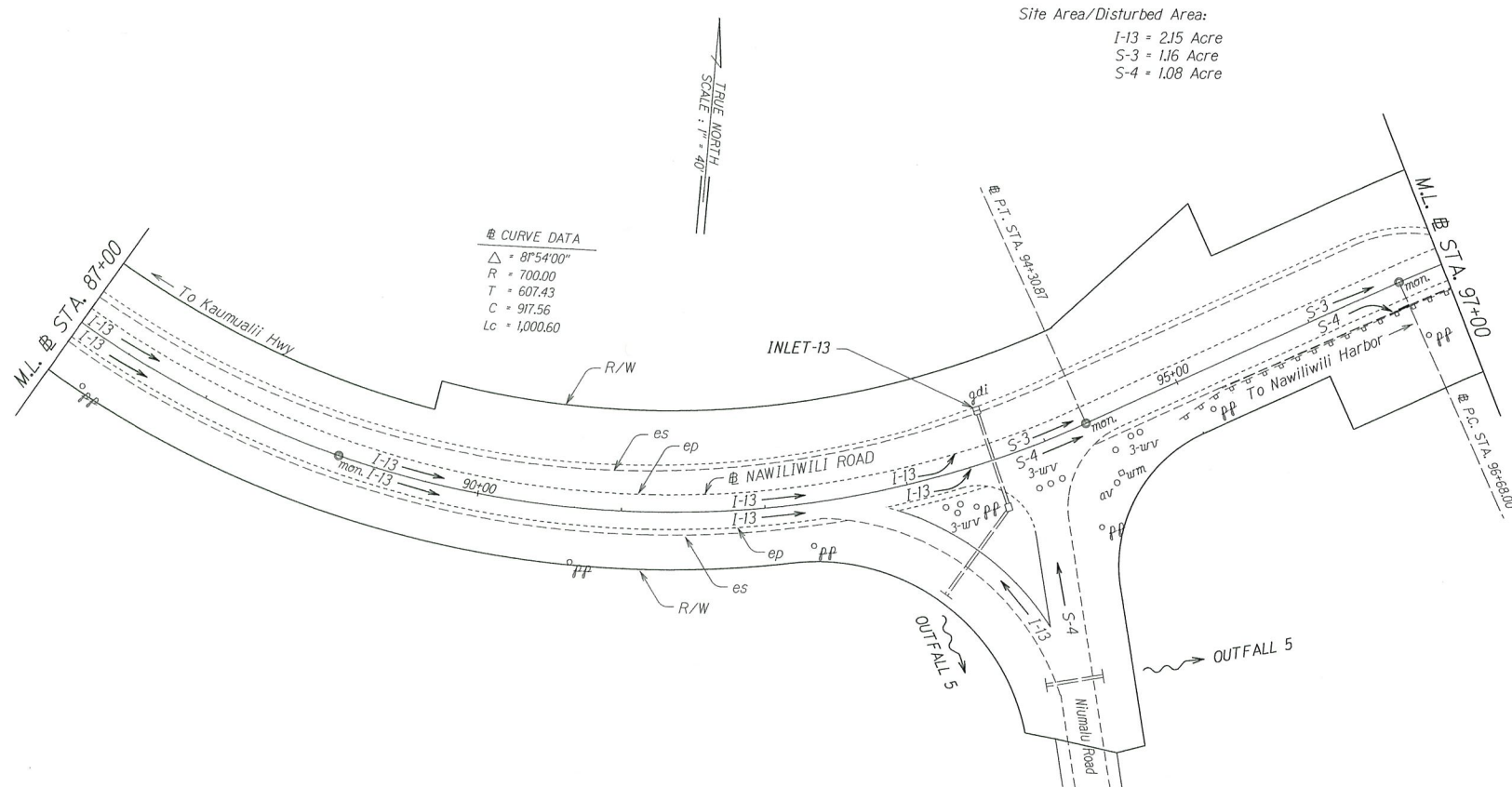
Notes:

- I-II — Surface runoff to Inlet-II to Outfall 4 (Puali Stream)
- S-2 — Surface runoff to Outfall 4 (Puali Stream)
- I-12 — Surface runoff to Inlet-12 to Outfall 4 (Puali Stream)
- I-13 — Surface runoff to Inlet-13 to Outfall 5 (Nawiliwili Bay)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
 Kanani Street to Waapa Road
 Federal-Aid Project No. NH-058-1(007)
 Scale: 1" = 40' Date: Oct. 2013
 SHEET No. 3 OF 5 SHEETS

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	FRACED BY	
NOTES	REVISIONS BY	
DATE	CHECKED BY	
NO.		

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(K007)	2014	4	5



Site Area/Disturbed Area:
I-13 = 2.15 Acre
S-3 = 1.16 Acre
S-4 = 1.08 Acre

④ CURVE DATA
Δ = 81°54'00\"
R = 700.00
T = 607.43
C = 917.56
Lc = 1,000.60

Notes:
I-13 — Surface runoff to Inlet-13 to Outfall 5 (Nawiliwili Bay)
S-3 — Surface runoff to Outfall 5 (Nawiliwili Bay)
S-4 — Surface runoff to Outfall 5 (Nawiliwili Bay)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
NAWILIWILI ROAD RESURFACING
Kanani Street to Waapa Road
Federal-Aid Project No. NH-058-1(K007)
Scale: 1\" = 40' Date: Oct. 2013
SHEET No. 4 OF 5 SHEETS

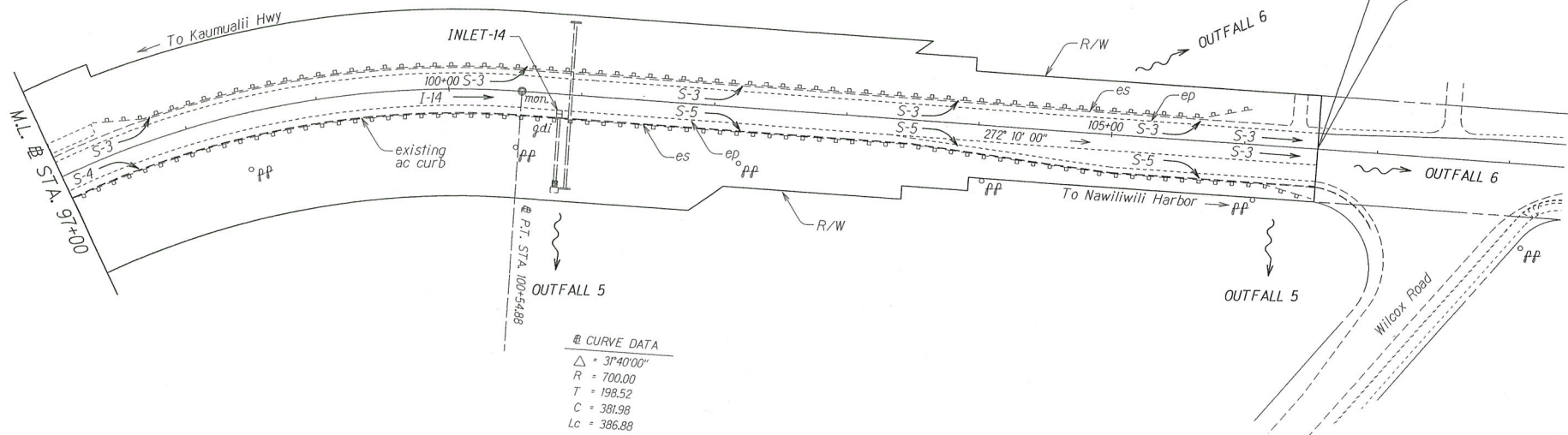
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
REVISIONS	
NO.	DESCRIPTION

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(007)	2014	5	5

TRUE NORTH
SCALE: 1" = 40'

Site Area/Disturbed Area:
I-14 = 0.21 Acre
S-3 = 1.16 Acre
S-4 = 1.08 Acre
S-5 = 0.71 Acre
S-6 = 0.66 Acre

END PROJECT
FAP No. NH-058-1(007)
Sta. 106+55



CURVE DATA
Δ = 31°40'00\"
R = 700.00
T = 198.52
C = 361.98
Lc = 386.88

Notes:

- S-3 — Surface runoff to Outfall 5 (Nawiliwili Bay)
- S-4 — Surface runoff to Outfall 5 (Nawiliwili Bay)
- I-14 — Surface runoff to Inlet-14 to Outfall 5 (Nawiliwili Bay)
- S-5 — Surface runoff to Outfall 5 (Nawiliwili Bay)
- S-6 — Surface runoff to Outfall 6 (Nawiliwili Bay)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

NAWILIWILI ROAD RESURFACING

Kanani Street to Waapa Road

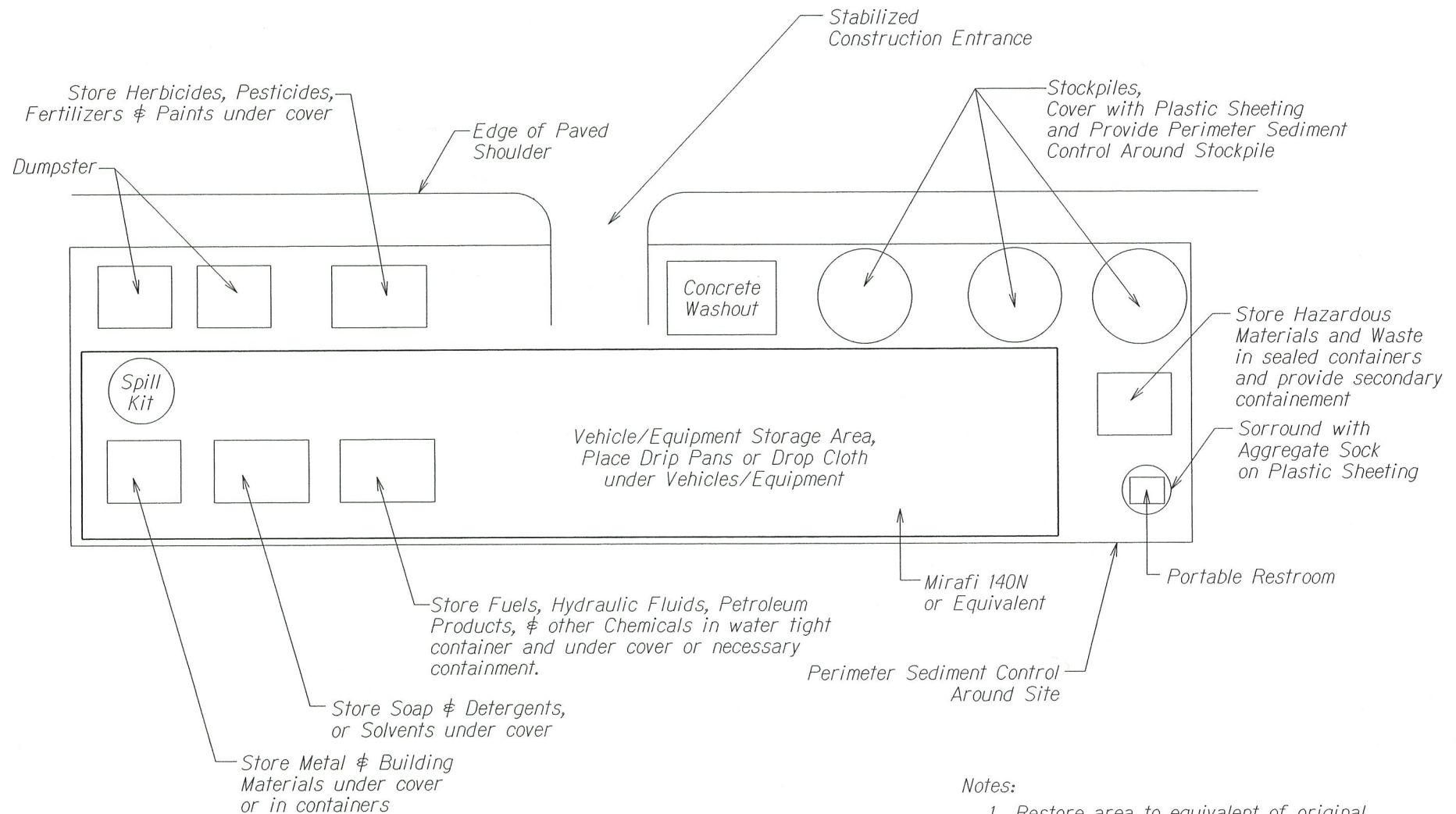
Federal-Aid Project No. NH-058-1(007)

Scale: 1" = 40'

Date: Oct. 2013

SHEET No. 5 OF 5 SHEETS

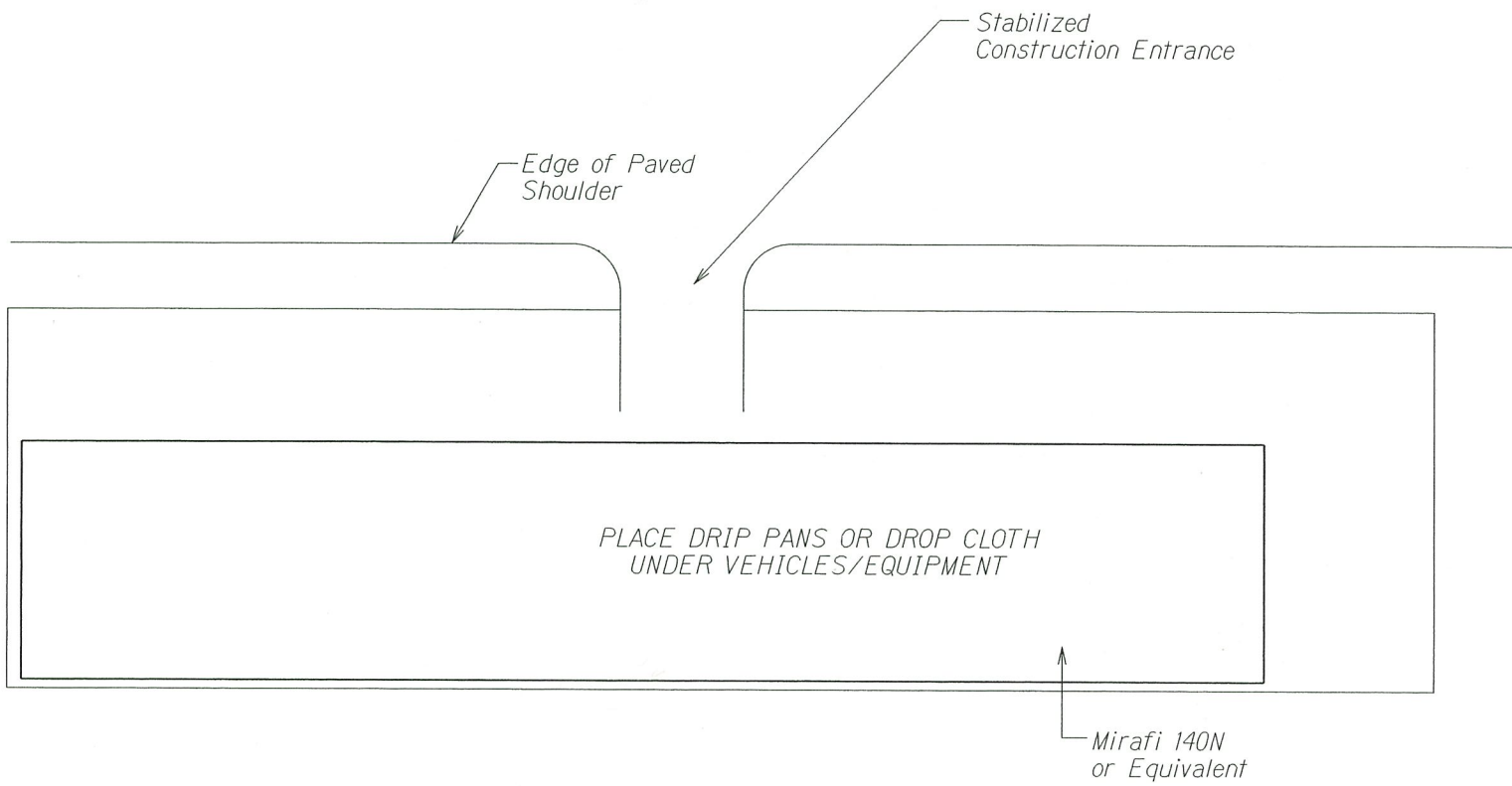
ORIGINAL	DATE
DESIGNED BY	
TRACED BY	
INSTRUMENTED BY	
QUANTIFIED BY	
CHECKED BY	



STAGING/STORAGE AREA
Not to Scale

Notes:

1. Restore area to equivalent of original condition once construction is completed.
2. Contractor shall ensure proper protection for Staging/Storage Area.
3. Do not maintain or wash vehicles on-site. Provide appropriate BMP's if Contractor elects to do so.



VEHICLE/EQUIPMENT AREA
Not to Scale